



# CITY OF DUBLIN

100 Civic Plaza, Dublin, California 94568

Website: <http://www.ci.dublin.ca.us>

September 15, 2011

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

SUBJECT: Annual Deliverables, July 2010 to June 2011

Dear Mr. Wolfe:

As the duly authorized representative, I hereby submit the City of Dublin's current annual report for the period indicated above.

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 gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage this system, or those persons directly responsible for gathering the information, the information 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.

Sincerely,

Roger Bradley  
Assistant to the City Manager

*Enclosed*

P:\NPDES\Deliverables - ACCWP Reports\ACCWP 2010-11\Transmittal Letter.DOC

Area Code (925) • City Manager 833-6650 • City Council 833-6650 • Personnel 833-6605 • Economic Development 833-6650  
Finance 833-6640 • Public Works/Engineering 833-6630 • Parks & Community Services 833-6645 • Police 833-6670  
Planning/Code Enforcement 833-6610 • Building Inspection 833-6620 • Fire Prevention Bureau 833-6606

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MEMBER AGENCIES:

Alameda  
Albany  
Berkeley  
Dublin  
Emeryville  
Fremont  
Hayward  
Livermore  
Newark  
Oakland  
Piedmont  
Pleasanton  
San Leandro  
Union City  
County of Alameda  
Alameda County Flood  
Control and Water  
Conservation District  
Zone 7 Water Agency

CITY OF DUBLIN  
FISCAL YEAR  
2010-2011 ANNUAL  
REPORT OF  
STORMWATER  
PROGRAM  
IMPLEMENTATION

Submitted to:  
California Regional Water  
Quality Control Board, San  
Francisco Bay Region,  
September 15, 2011

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## Attachments

- Attachment 1 – Potential Facilities List
- Attachment 2 – City of Dublin 2011/12 Business Inspection Plan
- Attachment 3 – Door hanger developed by the City of Dublin
- Attachment 4 – IPM Policy
- Attachment 5 – IPM Training Materials
- Attachment 6 – Copy of Contractor’s IPM Certification

Section 1 – Permittee Information

Background Information					
Permittee Name:	City of Dublin				
Population:	46,036 (2010 US Census)				
NPDES Permit No.:	CAS612008				
Order Number:	R2-2009-0074				
Reporting Time Period (month/year):	July / 2010 through June / 2011				
Name of the Responsible Authority:	Roger Bradley	Title:	Assistant to the City Manager		
Mailing Address:	100 Civic Plaza				
City:	Dublin	Zip Code:	94568	County:	Alameda
Telephone Number:	925-833-6650	Fax Number:	925-833-6651		
E-mail Address:					
Name of the Designated Stormwater Management Program Contact (if different from above):	Same as above	Title:			
Department:					
Mailing Address:					
City:		Zip Code:		County:	
Telephone Number:		Fax Number:			
E-mail Address:					

Section 2 - Provision C.2 Reporting Municipal Operations

**Program Highlights and Evaluation**

Highlight/summarize activities for reporting year:

Summary:  
 The City of Dublin contracts with MCE Corporation for its public works maintenance and operations. MCE’s work is limited to routine street maintenance such as pothole repair and sign replacement, inlet cleaning and storm patrols, maintenance of landscaping and parks, tree maintenance, weed control, maintenance of municipal buildings, litter pick-up, special event set-up and clean-up and spill response.

The City of Dublin participates in the Countywide program’s Municipal Operations Committee. There was one Maintenance Subcommittee meeting in Fiscal Year 2010/11 and a City of Dublin employee was present at the meeting in addition to two MCE Staff members. On June 2, 2010, the Maintenance Subcommittee conducted a workshop on integrated Pest management solutions for structural landscape related pest control. Two MCE staff attended this training.

MCE Staff attend weekly safety meetings. The topics vary each week. In these meetings, MCE Staff also share field incidents. Two MCE Staff members attended a Commercial Landscape Irrigation Workshop on May 24, 2011. Topics covered in this training included, how to apply the proper amount of water given the season, preventing run-off and ensuring that irrigation repairs are done in a timely manner.

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

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

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

Comments:  
 The City utilizes outside contractors for street repair projects. For these types of projects, filter fabric is installed around the stormdrain prior to maintenance work. The City requires that the contractor sweep the street upon completion. The City also requires that the contractor have a wet vac on hand and they are required to vacuum up the slurry resulting from saw cutting.

**C.2.b. ► Sidewalk/Plaza Maintenance and Pavement Washing**

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

x	Control of wash water from pavement washing, mobile cleaning, pressure wash operations at parking lots, garages, trash areas, gas station fueling areas, and sidewalk and plaza cleaning activities from polluting stormwater
x	Implementation of the BASMAA Mobile Surface Cleaner Program BMPs

Comments: The City does limited amounts of plaza maintenance and pavement washing. The City power washes a plaza at one of the City's Parks (Emerald Glen Park) one to two times per year. The City also cleans the pigeon droppings from the freeway underpasses two times per year. Prior to washing any plaza or surface, City Staff sweep first. In addition, the inlets are isolated and wattles are placed around the stormdrains.

**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:

In cases where power washing is required to remove the graffiti, the City uses inlet protection. In instances where power washing occurs, the material is vacuumed as it is being cleaned. Minor graffiti removal requires spray and wipe and therefore, power washing is not necessary and there is no material to vacuum.

C.2.d. ► Stormwater Pump Stations						
Does your municipality own stormwater pump stations:		<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No	
If your answer is <b>No</b> then skip to C.2.e.						
Complete the following table for dry weather DO monitoring and inspection data for pump stations <sup>1</sup> (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)

<sup>1</sup> 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 <sup>2</sup> roads:		<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
If your answer is <b>No</b> then skip to C.2.f.					
Place an <b>X</b> 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:					

<sup>2</sup> 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 <b>X</b> in the boxes below that apply to your corporations yard(s):	
<input type="checkbox"/>	We do not have a corporation yard
<input type="checkbox"/>	Our corporation yard is a filed NOI facility and regulated by the California State Industrial Stormwater NPDES General Permit
<input checked="" type="checkbox"/>	We have a current <b>Stormwater Pollution Prevention Plan (SWPPP)</b> for the Corporation Yard(s)
Place an <b>X</b> in the boxes below next to implemented SWPPP BMPs to indicate that these BMPs were implemented in applicable instances. If not applicable, type <b>NA</b> 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
N/A	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
<p>Comments:</p> <p>The City's Corporation Yard is located at 5777 Scarlett Court and is approximately 2.6 acres. The site is a former lumber yard that was purchased by the City in April 2009. The City has completed limited improvements to the site, and is considering two options for the site: (1) sale or trade with the corporation yard moving to another site or (2) retaining the site and completing more extensive improvements.</p> <p>The City's Corp Yard does not have a wash rack; therefore, no vehicles are washed at the Corp Yard. The City developed BMPs for its Corp Yard operations that clearly defines that no washing of vehicles is to occur on-site. All vehicles are washed at MCE's nearby corporate facility, which includes a wash rack, or at a commercial carwash facility, which utilizes recycled water and a connection to the sanitary sewer.</p> <p>As previously noted, the City of Dublin contracts with MCE Corporation for its public works maintenance and operations. MCE's work is limited to routine street maintenance such as pothole repair and sign replacement, inlet cleaning and storm patrols, maintenance of landscaping and parks, tree maintenance, weed control, maintenance of municipal buildings, litter pick-up, special event set-up and clean-up and spill response</p> <p>The City utilizes outside contractors for street sweeping, concrete and pavement repair, striping and traffic signals, and storm drain vacuuming. MCE's fleet is limited to pickups, light trucks, small all-terrain vehicles (gators) and gardening/mowing equipment. There is no heavy equipment storage or maintenance. Materials stored at the Corporation Yard are limited to topsoil, mulch, sand (for filling sandbags during storm events), gardening supplies such as herbicides, limited amounts of gasoline and oil for gardening equipment and limited amounts of paint.</p>	

The following activities are conducted at the corporation yard:

1. Light gardening equipment fuel dispensing, maintenance and repair;
2. Municipal vehicle and employee parking;
3. Waste and recycling storage;
4. Outdoors materials storage (topsoil, mulch, sand, and plant material);
5. Paint storage;
6. Pesticide storage; and
7. Spill clean-up materials storage.

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:

<b>Corporation Yard Name</b>	<b>Inspection Date</b> (1x/year required)	<b>Inspection Findings/Results</b>	<b>Follow-up Actions</b>
Dublin	9/30/2010	Wattles around supplies/stockpiles. Most materials are stored within an enclosure. Outdoor vehicles & equipment are kept under carport. No washing is done on-site. Storm drain markers recently put on all inlets.	None
Dublin	6/24/11	Most materials are stored within an enclosure. Total of 5 stockpiles, only 2 of the piles have wattles around them. Outdoor vehicles & equipment are kept under carport. No washing is done on site.	Requested that wattles be put around all of the stockpiles on the site (request fulfilled on 6/27/11).

### 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 Dublin has legal authority to implement all sections of the MRP, including Provision C.3. The City's legal authority to implement C.3 comes from its municipal code, Chapter 7.74 (Stormwater Management Discharge Control) and Title 9 (Subdivisions).

All new development in the City is conditioned to conform with applicable C.3 Requirements. Projects are conditioned during the entitlement process.

Water quality effects and mitigation measures are addressed in the environmental review process through the CEQA process. Water quality impacts are discussed and evaluated in the Hydrology and Water Quality section of a CEQA document (Initial Study, Environmental Impact Report, etc.). As appropriate, Mitigation Measures are applied to a project to reduce the water quality environmental impact to less than significant level.

City of Dublin Staff involved in land development is kept apprised of new C.3 requirements and also attend Countywide training, when available. The Alameda Countywide Clean Water Program offered training on the new C.3 Requirements for Development Projects in the MRP in September 2010. Topics covered at this training included BASMAA's draft regional biotreatment soil specifications, preliminary water quality monitoring results for a bioretention area in San Mateo County and overcoming obstacles to green roofs. This training was attended by 10 Dublin employees, including Staff from Environmental Services, Public Works, Community Development and Parks & Community Services. In addition, Alameda County held a field trip in February 2011 for the new Development Subcommittee at Mills College in Oakland. The tour focused on the rainwater harvesting system installed at the Moore Natural Science Building and the rainwater harvesting system and green roof installed at the Lokey Graduate School of Business. Two City of Dublin employees attended this training, which included Staff from Environmental Services and Community Development.

City Staff provides assistance, as needed, to the development community in meeting C.3 requirements.

Unregulated projects (i.e. a Conditional Use Permit) have not been found to lend themselves to site design measures because of their small size and frequent limited exterior site modifications.

Staff reviews unregulated projects (i.e. Conditional Use Permits and Tenant Improvements) for potential water quality impacts. For example, conversion of a retail use to a restaurant requires site upgrades, such as a new trash enclosure that is covered and has a sanitary sewer connection. The City recently amended its Municipal Code by adopting a Solid Waste and Recycling Enclosure Standards Ordinance. This

Permittee Name: Dublin

ordinance applies to all new development in the City in addition to unregulated projects (i.e. tenant improvement) when the Public Works Department concludes that the proposed use has the potential to discharge pollution into the City's storm sewer system. In addition, in certain cases unregulated projects are required to install inlet filters within the stormdrains on the project site.

The City acknowledges the importance of integrating water quality/watershed protection with water supply, flood protection, habitat protection, groundwater recharge and other sustainable development principles and polices into the General Plan. The City's General Plan does not currently have a Water Conservation/Quality Element. The Dublin City Council recently authorized funding for several new General Plan Elements, one of which is a Water Conservation/Quality Element. It is anticipated that the General Plan will be revised to include the new elements in the next year or two. Currently, the City addresses water quality impacts, as appropriate, in CEQA documents and implementation of mitigation is developed during subsequent discretionary entitlements.

**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:

The City of Dublin has identified Golden Gate Drive as a potential Green Street project. Golden Gate Drive is located near the existing West Dublin BART station. Golden Gate Drive connects the BART station to the downtown area. The City received a federal TLC (Transportation for Livable Communities) grant for the project. The improvements to Golden Gate Drive will be paid for by TLC grant and Prop 1B funding. The City is currently exploring the feasibility of green street features on Golden Gate Drive, which include:

- Flow through planter bulb-outs;
- Pervious pavers within the parking area;
- Wider sidewalks, street trees and street furniture;
- Landscaping in the median;
- Traffic circle with landscaping;
- Lighted pedestrian crosswalk; and
- 11-foot travel lanes and 6-foot bike lanes.

**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.

**C.3.c. Low Impact Development Reporting**

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

The City of Dublin City Engineer was a member of the following work groups during Fiscal Year 2010/11:

- 1) BASMAA New Development Committee LID Special Project Exemption Work Group;
- 2) Alameda County LID Feasibility Work Group; and
- 3) Alameda County C.3 Technical Guidance Work group.

**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 overall inspections of O&M measures revealed limited maintenance problems. The majority of the responsible parties have properly maintained each water quality measure. In cases where maintenance was required, the responsible party received a formal letter explaining the findings of the inspection, including corrective action measures, so that the water quality treatment measure could function at its full capacity. Staff conducted follow-up inspections at the sites that received formal letters to verify that the corrective action measures had been done. Some common problems that were noted during the inspections include trash in the treatment system, weeds in the treatment system (particularly in the swales), overgrown grasses and poor vegetation coverage (less than 90%).

During the O&M inspections conducted in FY 10-11, Staff discovered that one of the businesses had bark in place of where a grassy swale was supposed to be (pursuant to the approved improvement plans). The City relied upon the O&M agreement with the private landowner to require the business to replant the area with grass. The business re-vegetated the western property boundary with grass.

One of the treatment systems in the City is a swale that is maintained by 10 different homeowners. During the routine inspection, Staff noted that some of the homeowners do a great job of properly maintaining the swale and others do not. City Staff provided information to the homeowners on how to properly maintain the swale.

Permittee Name: Dublin

In addition to inspections of ponds and bioswales, the City contracted with Dublin San Ramon Services District (DSRSD) to inspect and clean the City's underground treatment units (UTDs). The City has 13 UTD units (as of 6/30/11). Nine of these units were cleaned by DSRSD in the fall of FY 10-11. The remaining units had been installed in early 2010 and did not need cleaning.

The City contracts with Revel Environmental Manufacturing for the cleaning of the inlet filters. As of June 30, 2011, there were a total of 38 inlet filters. These filters are cleaned out 3 times per year – once in the fall, winter and spring. During FY 10-11, an additional 13 inlet filters were installed in the City.

**(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:

O&M Inspections were conducted in Fiscal Year 2010-11 by the City Engineer, Environmental Specialist and Environmental Technician. To ensure that all treatment measures are inspected annually, the City maintains several binders that contain agreements, past inspection forms, work orders and a schedule of past and future inspections for each treatment measure. The City maintains an O&M map, which contains GIS imaging of all treatment measures (public, private and pending) that aid in the City's O&M inspection program. The City also regularly communicates with private vendors that install and service inlet filters within the City on private property. Numerous businesses in Dublin have installed filters on their property and have service contracts with vendors to routinely clean and service these filters. These businesses are not listed on the C.3.h.iv Table because the City does not have an O&M agreement with these particular businesses, and, therefore the City cannot require them to maintain the O&M measure.

The effectiveness of the City's O&M verification program appears to be functioning at high levels. The inspections reveal that the majority of the treatment measures, both City-owned and privately-owned, are being properly maintained to ensure that the treatment measures are functioning at full capacity. With limited maintenance needs revealed during the inspections, the City has concluded that its current O&M verification inspection program is functioning properly.

**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 <sup>3</sup> , Street Address	Name of Developer	Project Phase No. <sup>4</sup>	Project Type & Description <sup>5</sup>	Project Watershed <sup>6</sup>	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft <sup>2</sup> )	Total Replaced Impervious Surface Area (ft <sup>2</sup> )	Total Pre- Project Impervious Surface Area <sup>7</sup> (ft <sup>2</sup> )	Total Post- Project Impervious Surface Area <sup>8</sup> (ft <sup>2</sup> )
<b>Private Projects</b>											
Regional Street Retail (Sports Authority)	7117 Regional Street	Regional Street Joint Ventures	N/A	Retail Store	Arroyo Mocho/ Arroyo De La Laguna/ Alameda Creek/ SF Bay	8.56 acres	1.0 acre	0 SF	43,560 SF	368,500 SF	358,500 SF
Recreational Equipment, Inc. (REI)	7099 Amador Plaza Road	7099 Amador Plaza LLC	N/A	Retail Store	Arroyo Mocho/ Arroyo De La Laguna/ Alameda Creek/ SF Bay	1.94 acres	1.94 acres	74,050 SF	74,050 SF	84,500 SF	74,050 SF
Avalon Bay Dublin Transit Site C	Demarcus Blvd. & Iron Horse Parkway	Avalon Bay	N/A	New 486 residential condos in two 5-story buildings, with two 5- story parking structures	Arroyo Mocho/ Arroyo De La Laguna/ Alameda Creek/ SF Bay	7.20 acres	7.20 acres	250,000 SF	0 SF	310,000 SF	250,000 SF
Kia Dealership	4300 John Monego Court	Dublin Kia	N/A	Auto Dealership	Arroyo Mocho/ Arroyo De La Laguna/ Alameda Creek/ SF Bay	3.76 acres	3.76 acres	152,460 SF	0 SF	0 SF	152,460 SF
Esprit @ Dublin Station	Iron Horse Parkway & Dublin Blvd.	D.R. Horton	N/A	New 105-unit townhouses	Arroyo Mocho/ Arroyo De La Laguna/ Alameda Creek/ SF Bay	4.13 acres	4.13 acres	144,000 SF	0 SF	0 SF	144,000 SF

<sup>3</sup> Include cross streets

<sup>4</sup> 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".

<sup>5</sup> 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.

<sup>6</sup> State the watershed(s) in which the Regulated Project is located. Optional but recommended: Also state the downstream watershed(s).

<sup>7</sup> For redevelopment projects, state the pre-project impervious surface area.

<sup>8</sup> For redevelopment projects, state the post-project impervious surface area.

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

Project Name Project No.	Project Location <sup>3</sup> , Street Address	Name of Developer	Project Phase No. <sup>4</sup>	Project Type & Description <sup>5</sup>	Project Watershed <sup>6</sup>	Total Site Area (Acres)	Total Area of Land Disturbed (Acres)	Total New Impervious Surface Area (ft <sup>2</sup> )	Total Replaced Impervious Surface Area (ft <sup>2</sup> )	Total Pre- Project Impervious Surface Area <sup>7</sup> (ft <sup>2</sup> )	Total Post- Project Impervious Surface Area <sup>8</sup> (ft <sup>2</sup> )
<b>Public Projects</b>											
The City of Dublin had no regulated Public Projects approved during FY 10-11.											
Comments:											

**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 <sup>9</sup>	Application Final Approval Date <sup>9</sup>	Source Control Measures <sup>10</sup>	Site Design Measures <sup>11</sup>	Treatment Systems Approved <sup>12</sup>	Operation & Maintenance Responsibility Mechanism <sup>13</sup>	Hydraulic Sizing Criteria <sup>14</sup>	Alternative Compliance Measures <sup>15/16</sup>	Alternative Certification <sup>17</sup>	HM Controls <sup>18/19</sup>
<b>Private Projects</b>										
Regional Street Retail (Sports Authority)	11/19/10	1/4/11	Trash enclosure, storm drain inlet stencils	Existing pavement replaced with landscaping	Filters	O&M Agreement with private landowner	Flow based	Not used	Not used	Reduction in impervious surface
Recreational Equipment Inc. (REI)	12/10/10	1/7/11	Trash enclosure, storm drain inlet stencils	Existing pavement replaced w/ landscaping	Filters	O&M Agreement with private landowner	Flow based	Not used	Not used	Reduction in impervious surface
Avalon Bay Dublin Transit Center Site C	2/17/10	9/14/10	Storm drain stenciling, efficient landscape irrigation system	Parking structure managing impervious areas, covered trash enclosure	Bio retention areas Kristar up – flo filter Man holes	O&M Agreement with private landowner	Flow based	Not used	Not used	Reduction in impervious area
Kia Dealership	5/27/11	6/14/11	Trash enclosure, storm drain	None	Bio retention swales	O&M Agreement with private landowner	Flow based	Not used	Not used	Bio retention swales

<sup>9</sup> For private projects, state project application deemed complete date and final discretionary approval date.

<sup>10</sup> 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.

<sup>11</sup> 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.

<sup>12</sup> 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.).

<sup>13</sup> 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.

<sup>14</sup> 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).

<sup>15</sup> 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.

<sup>16</sup> 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.

<sup>17</sup> Note whether a third party was used to certify the project design complies with Provision C.3.d.

<sup>18</sup> If HM control is not required, state why not.

<sup>19</sup> 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.	Application Deemed Complete Date <sup>9</sup>	Application Final Approval Date <sup>9</sup>	Source Control Measures <sup>10</sup>	Site Design Measures <sup>11</sup>	Treatment Systems Approved <sup>12</sup>	Operation & Maintenance Responsibility Mechanism <sup>13</sup>	Hydraulic Sizing Criteria <sup>14</sup>	Alternative Compliance Measures <sup>15/16</sup>	Alternative Certification <sup>17</sup>	HM Controls <sup>18/19</sup>
			inlet stencils							
Esprit @ Dublin Station	3/5/10	10/24/10	Storm drain stenciling, efficient landscape irrigation system	None	CDS	O&M Agreement with private landowner	Flow based	Not used	Not used	Project to include on- site detention facility
Comments:										

**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? <sup>20</sup>	Date Construction Scheduled to Begin <sup>20</sup>	Source Control Measures <sup>21</sup>	Site Design Measures <sup>22</sup>	Treatment Systems Approved <sup>23</sup>	Operation & Maintenance Responsibility Mechanism <sup>24</sup>	Hydraulic Sizing Criteria <sup>25</sup>	Alternative Compliance Measures <sup>26/27</sup>	Alternative Certification <sup>28</sup>	HM Controls <sup>29/30</sup>
<b>Public Projects</b>										
The City of Dublin had no regulated Public Projects approved during FY 10-11.										
Comments:										

<sup>20</sup> For public projects, enter “Yes” or “No” under “Is Funding Committed?” and enter a date under “Date Construction Scheduled to Begin”.

<sup>21</sup> 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.

<sup>22</sup> 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.

<sup>23</sup> 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.).

<sup>24</sup> 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.

<sup>25</sup> 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).

<sup>26</sup> 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.

<sup>27</sup> 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.

<sup>28</sup> Note whether a third party was used to certify the project design complies with Provision C.3.d.

<sup>29</sup> If HM control is not required, state why not.

<sup>30</sup> 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) <sup>31</sup>	Party Responsible <sup>32</sup> For Maintenance	Date of Inspection	Type of Inspection <sup>33</sup>	Type of Treatment/HM Control(s) Inspected <sup>34</sup>	Inspection Findings or Results <sup>35</sup>	Enforcement Action Taken <sup>36</sup>	Comments
Amador Valley Blvd.	Amador Valley Blvd., east of Village Parkway	Yes	City of Dublin	N/A	N/A	UTD (CDS)	N/A	N/A	The stormwater treatment measure was installed in November 2010. This unit will be cleaned by the Dublin San Ramon Services District in fall FY 11-12.
Bray Commons Park	3300 Finnian Way	No	City of Dublin	9/24/10	Routine	Bio-swale	No visible problems, swale in good condition, no standing water, inlet open, no trash.	None	No additional comments.
Dougherty Hills Dog Park	Amador Valley Blvd. & Stagecoach Rd.	No	City of Dublin	N/A	N/A	Bio-swale	N/A	N/A	Last inspection date 8/19/09. Next scheduled inspection date FY 11-12.
Dublin Boulevard	Dublin Blvd., near intersection of Dougherty Rd.	No	City of Dublin	10/4/10	Routine	UTD (stormceptors)	Dublin San Ramon Services District used vector truck to clean out the unit.	None	No additional comments.
Dublin Blvd./Dougherty Rd.	Intersection of Dublin Blvd. & Dougherty Road	No	City of Dublin	10/4/10	Routine	2 UTDs (CDS)	Dublin San Ramon Services District used vector truck to clean out the units.	None	No additional comments.
Dublin Library	200 Civic Plaza Rd.	No	City of Dublin	9/29/10	Routine	UTD (stormceptors)	Dublin San Ramon Services District used vector truck to	None	No additional comments.

<sup>31</sup> Indicate "YES" if the facility was installed within the reporting period, or "NO" if installed during a previous fiscal year.

<sup>32</sup> State the responsible operator for installed stormwater treatment systems and HM controls.

<sup>33</sup> State the type of inspection (e.g., 45-day, routine or scheduled, follow-up, etc.).

<sup>34</sup> 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.

<sup>35</sup> State the inspection findings or results (e.g., proper installation, improper installation, proper O&M, immediate maintenance needed, etc.).

<sup>36</sup> State the enforcement action(s) taken, if any, as appropriate and consistent with your municipality's Enforcement Response Plan.

**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.

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							clean out the units.		
Dublin Sports Grounds	6700 Dublin Blvd.	No	City of Dublin	10/12/10	Routine	2 filters & swale	Maintenance performed by Revel Environmental Manufacturing, Inc. (3 times per year – fall, winter & spring)	None	No additional comments.
Emerald Glen Park	4201 Central Pkwy	No	City of Dublin	9/24/10	Routine	Bio-swale	No standing water in swale or pond, inlet open, vegetation in good condition, minimal amounts of trash in swale that were picked up by the inspector.	None	No additional comments
Fallon Road N. Extension	Fallon Road, near Tassajara Road	Yes	City of Dublin	N/A	N/A	Bio-swale	N/A	N/A	The City had not yet accepted the stormwater treatment measure at the time of the O&M inspections.
Fire Station 17	6200 Madigan	No	City of Dublin	N/A	N/A	Irrigation leach field	N/A	N/A	Last inspection date 10/20/08. Next scheduled inspection FY 11-12.
Fire Station 18	4800 Fallon Road	No	City of Dublin	N/A	N/A	Irrigation leach field	N/A	N/A	Last inspection date 10/10/08. Next scheduled inspection FY 11-12.
Iron Horse Parkway	Iron Horse Parkway – East Dublin Transit Center	No	City of Dublin	N/A	Routine	4 filters	Maintenance performed by Revel Environmental Manufacturing, Inc. (3 times per year – fall, winter & spring)	N/A	No additional comments
Senior Center/Eden Housing	7600 Amador Valley Blvd.	No	City of Dublin	N/A	N/A	Bio-swale	N/A	N/A	Last inspection date 8/31/09. Next scheduled inspection date FY 11-12.

**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) <sup>31</sup>	Party Responsible <sup>32</sup> For Maintenance	Date of Inspection	Type of Inspection <sup>33</sup>	Type of Treatment/HM Control(s) Inspected <sup>34</sup>	Inspection Findings or Results <sup>35</sup>	Enforcement Action Taken <sup>36</sup>	Comments
Shannon Center	11600 Shannon Avenue	No	City of Dublin	N/A	N/A	Bio-swale	N/A	N/A	Last inspection date 8/18/09. Next scheduled inspection date FY 11-12.
Tassajara Creek Phase 1	Maymont Court off Creekview Drive	No	City of Dublin	10/5/10	Routine	UTD (CDS unit)	Dublin San Ramon Services District used vector truck to clean out the unit.	None	No additional comments
Tassajara Creek Phase 3	Somerset Lane off Tassajara Road	No	City of Dublin	9/29/10	Routine	UTD (CDS unit)	Dublin San Ramon Services District used vector truck to clean out the unit.	None	No additional comments
Transit Center, Tract 7893	DeMarcus Blvd., Eastern Dublin Transit Center	Yes	City of Dublin	10/4/10	First time units cleaned	3 UTD's (Kristar)	Dublin San Ramon Services District used vector truck to clean out the units.	None	No additional comments
Transit Center, Tract 8275	Campbell Lane, Eastern Dublin Transit Center	Yes	City of Dublin	N/A	N/A	2 UTD's (CDS)	N/A	N/A	The City had not yet accepted the stormwater treatment measure at the time of the O&M inspections. These units will be cleaned by the Dublin San Ramon Services District in FY 11-12.
Transit Center	DeMarcus Blvd., Eastern Dublin Transit Center	No	City of Dublin	N/A	Routine	4 inlet inserts (triton)	Maintenance performed by Revel Environmental Manufacturing, Inc. (3 times per year – fall, winter & spring).	N/A	No additional comments
Village Parkway (Brighton Drive)	Village Parkway from Hastings to Brighton Drive	Yes – 8 were newly installed in FY 10-11	City of Dublin	10/12/10	Routine	26 inlet inserts (triton)	Maintenance performed by Revel Environmental Manufacturing, Inc. (3 times per year – fall, winter & spring).	None	No additional comments

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

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Village Parkway	Maple Drive at intersection of Penn Drive	Yes	City of Dublin	N/A	N/A	UTD (CDS unit)	N/A	N/A	The stormwater treatment measure was installed in April 2011. This unit will be cleaned by the Dublin San Ramon Services District in fall FY 11-12.
Armstrong Garden Center	7360 San Ramon Road	No	Armstrong Garden Center	9/17/10	Routine	2 inlet inserts	Debris was present around both of the stormdrain inlets in the parking lot.	Verbal Notice	Letter sent to responsible party on 9/17/11 requesting inlets be cleaned. Second letter sent on 10/20/10.
Bank of America	4250 Dublin Blvd.	No	Bank of America	9/9/10	Routine	Bio-swale	Trash present throughout the swale on the north and south side of Bank of America.	Warning Notice	Letter mailed to responsible party on 9/9/10 requesting that trash be picked-up.
Campbell Green Track 7525	5300 Ironhorse Parkway	No	Avalon Bay Communities	N/A	Routine	2 UTD's (CDS)	N/A	None	Letter sent on 9/9/10 requesting a copy of the maintenance records for the inceptors by October 9, 2010.
Dublin Corners	4600 Dublin Blvd.	No	Dublin Myrtle LLC	9/9/10	Routine	Bio-swale	Small patches of dead vegetation and weeds within the swales, especially in the westernmost swale.	Warning Notice	Letter mailed to property manager on 9/9/10 requesting that any dead or dying vegetation be replanted and any weeds be removed.
Dublin Gateway Medical Center	4050 Dublin Blvd.	No	Dublin Gateway LP Triad	9/9/10	Routine	4 UTD's	No visible problems identified.	None	No additional comments

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

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Dublin H.S. (Math/science)	8151 Village Parkway	No	Dublin Unified School District	9/17/10	Routine	Bio-swale	Trash present in swale along Brighton Drive. Many of the swales are overgrown with weeds and have poor vegetation coverage.	Verbal Notice	Letter sent on 9/17/10 requesting that the weeds be removed, swale vegetation planted so that there is 90% coverage and trash be removed from swale.
Dublin Honda	6300 Dublin Blvd.	No	Dublin Honda	9/17/10	Routine	Bio-swale	Grass is very dense in all swales. Small patches of dead vegetation and weeds are present within the swale. Trash debris present in the swale – particularly along the eastern boundary.	Verbal Notice	Letter sent on 9/17/10 requesting that the grass in the swale be trimmed, any dead or dying vegetation replanted and trash removed.
Dublin Ranch Area A	West side of Fallon Road at Turnberry	No	Dublin Ranch Master HOA	9/9/10	Routine	Dry Pond	Weeds are present around the stormwater outlet pipe just north & south of Antone Way, the reeds in the middle of the area are dying and there is trash in the basin & along the grassy area between basins.	Warning Notice	Letter sent on 9/9/10 requesting that the weeds be removed, dead patches replanted to maintain 90% coverage and the trash removed.
Dublin Ranch Area A-1	Fallon Road/Gleason Drive	No	Dublin Ranch Master HOA	9/9/10	Routine	Dry Pond	Trash present in & around basin. Significant dead vegetation in half of the southerly portion of the basin.	Warning Notice	Letter sent on 9/9/10 requesting that the trash be removed and dead vegetation replanted to maintain 90% coverage.
Dublin Ranch Regional Pond	3841 Grafton Street	No	James Tong, Charter Properties	10/6/10	Routine	Dry Pond	No visible problems	None	No additional comments
Dublin Place Retail	6920-7590 Amador Plaza	No	Mayfield Gentry Realty Advisors	N/A	Routine	UTD and 30 inlet inserts	N/A	None	Letter sent on 9/9/10 requesting a copy of the maintenance records for

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

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									the filters by October 9, 2010. Records received on 9/17/10.
Dublin Toyota	4321 Toyota Drive	No	Dublin Toyota	N/A	Routine	44 inlet inserts	N/A	None	Letter sent on 9/9/10 requesting a copy of the maintenance records for the filters by October 9, 2010. Records received on 9/17/10.
Elephant Bar	7202 Amador Plaza Rd	No	Elephant Bar	N/A	Routine	2 inlet inserts	N/A	None	Letter sent on 9/9/10 requesting a copy of the maintenance records for the filters by 10/9/10.
Enea Commercial Development	7197 Village Parkway	No	Village Parkway Partners, LLC/Robert Enea	9/17/10	Routine	Bio-swale	Southern swale has excessive trash & debris & the eastern swale is overgrown with weeds.	Verbal Notice	Letter sent on 9/17/10 requesting that trash & weeds removed from swale. Second letter sent on 10/20/10.
Fairway Ranch Apartments	3115 Finnian Way	No	James Tong, Charter Properties	9/9/10	Routine	Bio-swale	The grass in the swale is overgrown in most areas and only 1 storm drain is visible.	Warning Notice	Letter sent on 9/9/10 requesting that the grass be trimmed as necessary.
La Quinta	6275 Dublin Blvd.	No	La Quinta	N/A	Routine	9 inlet inserts	N/A	None	Letter sent on 9/9/10 requesting a copy of the maintenance records for the filters by 10/9/10. Records received on 10/7/10.
Lowe's	3750 Dublin Blvd.	No	Lowe's	9/9/10	Routine	Pond	The vegetation around the stormwater outlet pipes on the west & east side of Northside	Warning Notice	Letter sent on 9/9/10 requesting that the vegetation be cleared, as

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

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							Drive is thick, as a result there is standing water.		needed, around the outlet pipes.
Park Sierra Apartments	6450 Dougherty Road	No	Park Sierra	N/A	Routine	2 UTD's	N/A	None	Letter sent on 9/9/10 requesting a copy of the maintenance records for the UTDs by 10/9/10.
Safeway	7499 Dublin Blvd.	No	Safeway	N/A	Routine	12 inlet inserts	N/A	None	Letter sent on 9/9/10 requesting a copy of the maintenance records for the filters by 10/9/10. Records received 9/21/10.
Chevrolet-Cadillac (formerly Saturn/Hummer/Saab)	4400 John Monego Court	No	Dublin Real Estate LLC/Inder Dosanjh	9/9/10	Routine	Bio-swale	Small patches to large patches of dead vegetation is present within the swales, especially in the southeasterly portion of the swale. Weeds are present within the swale.	Warning Notice	Letter sent on 9/9/10 requesting that the dead/dying vegetation be replanted as needed and weeds removed. Follow-up inspection conducted on 10/11/10 and follow-up letter sent on 10/12/10.
Shamrock Village	7841-51 Amador Valley Blvd.	No	Doerken Properties	9/17/10	Routine	Bio-swale	Minimal trash present in the swale, trash & leave debris blocking the sidewalk underdrain on the west side of the entrance.	Verbal Notice	Letter sent on 9/17/10 requesting that trash be removed from the swale and the underdrain area. Follow-up inspection conducted on 10/18/10 and follow-up letter sent on 10/20/10.
Shell Station – 8999 San Ramon Rd.	8999 San Ramon Road	No	Cox-Tracy, Inc., Co-Camino Ramon, Inc.	N/A	Routine	UTD	N/A	None	Letter sent on 9/9/10 requesting a copy of the maintenance records for

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

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									the filters by 10/9/10.
Silvera Ranch	Silvera Ranch Drive, near Tassajara Road	No	M&C Associates of Management Services	9/9/10	Routine	Dry Pond	There is trash located around the pond, there are weeds present throughout the swale.	Warning Notice	Letter sent on 9/9/10 requesting that the trash be removed from the pond and weeds removed.
Springfield Montessori School	5100 Brannigan Way	Yes	Springfield Montessori	9/17/10	45-day/First Inspection	Dry Pond	No problems were identified.	None	No additional comments.
Starward Row	7475-7481 Starward Row	No	Individual homeowners	9/24/10	Routine Inspection	Bio-swale	Grass is very dense in portions of the swale, trash is present in swale, debris present along the curb & patches of dead vegetation.	Verbal Notice	Letter sent to each homeowner (10) on 10/4/10 requesting that the grass be trimmed, debris & sediment swept and dead patches of vegetation replanted.
Sybase	1 Sybase Drive	No	Sybase	9/17/10	Routine	Bio-swale	The swale located along the western portion of the property currently consists of bark (instead of grass as was approved on improvement plans), sediment & other debris present around the stormdrain inlets along the parking lot fence.	Verbal Notice	Letter sent on 9/27/10 requesting that the western portion of the site be re-vegetated and the debris cleaned from inside & around the stormdrain.
Szeto Residence, Galway Court	7870 Galway Court	No	Individual homeowner	N/A	Routine	UTD (snout unit)	N/A	None	Letter sent on 9/9/10 requesting a copy of the maintenance records for the UTD by 10/9/10.

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

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Tassajara Creek, Phase III	Somerset Lane, off of Tassajara	No	The Helsing Group	9/9/10	Routine	Bio-swale	There are dead patches of grass present throughout the swale, portions of the swale are growing into the adjoining drainage ditch that runs along the trail, and there are weeds in portions of the swale.	Warning Notice	Letter sent on 9/9/10 requesting that the dead patches be re-planted to maintain 90% vegetation coverage, weeds removed and grass trimmed, as necessary.
Ulferts Center	4288 Dublin Blvd.	No	Tai Ning Trading & Investment	N/A	Routine	2 UTD's	N/A	None	Letter sent on 9/9/10 requesting a copy of the maintenance records for the CDS units by 10/9/10. Records received on 10/4/10.
VSA Dublin	7121 Amador Plaza Road	No	Dublin Veterinary Properties	N/A	Routine	1 inlet insert	N/A	None	Letter sent on 9/9/10 requesting a copy of the maintenance records by 10/9/10. Records received on 9/21/10.
Venture Corp	7035-7050 Dublin Blvd. & 6350-6378 Clark Ave.	No	Venture Commerce Center	N/A	Routine	UTD	N/A	None	Letter sent on 9/9/10 requesting a copy of the maintenance records for the UTD by 10/9/10. Records received on 9/20/10.
Village Square Shopping Center	7249 Village Parkway	No	Narra, Inc.	N/A	Routine	6 inlet inserts	N/A	None	Letter sent on 9/9/10 requesting a copy of the maintenance records for the filters by 10/9/10. Letter returned to sender (wrong address) – letter re-sent on 10/12/10

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

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									requesting copy of maintenance records by 11/12/10.
Willows (Commercial)	8951 San Ramon Road	No	Bhupen B. Amin	N/A	Routine	Filter insert	N/A	None	Letter sent on 9/9/10 requesting a copy of the maintenance records for the filters by 10/9/10.
Willows (Residential)	San Ramon Road & Bellina Street	No	Willows Owners Association c/o Helsing Group	10/17/10	Routine	Bio-swale	No problems observed.	None	No additional comments.

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

**Program Highlights**

Provide background information, highlights, trends, etc.

The Environmental Services function of the City Manager’s Office is responsible for conducting business inspections. In FY 10-11, the inspections were primarily conducted by the Environmental Technician position. The Environmental Specialist position also conducted some business inspection in FY 10-11.

The City of Dublin does not have heavy industrial uses within the City, such as vehicle salvage yards, metal and other recycled material collection facilities, plastic manufacturers, etc. Restaurants within the City are identified as high priority and are inspected every 3 years. Our medium priority businesses are all other non-office based businesses (such as vehicle repair and service) and these businesses are inspected every 5 years. Our low priority businesses include all office based businesses, which are inspected every 10 years. The City’s inspection list includes approximately 150 businesses per year.

As required by the MRP, the City annually updates and maintains its inspection list. For each fiscal year, the City removes any businesses that have closed and adds new businesses to the list. The City also adds any business that had an illicit discharge the previous year. When this occurs, the business is inspected each year for three consecutive years.

City of Dublin Staff regularly attended the Industrial and Illicit Discharge Control (I&IDC) Subcommittee meetings. There were a total of five I&IDC meetings in FY 10-11 and a Dublin representative was present at four of the five meetings. A City of Dublin representative was a member of the Educational Outreach Materials Work Group, which provided direction for identifying how to proceed with updating various materials. Additionally, a Dublin representative was on the workgroup that helped with the planning of the annual I&IDC training. This year’s training focused primarily on pollutants of concern (i.e. PCB’s cooper & mercury), pre-production plastic pellets and addressing trash on business inspections. Environmental Services Staff from the City attended the annual I&IDC training, which is sponsored by the Alameda County Clean Water Program

**C.4.b.i. ► Business Inspection Plan**

Do you have a Business Inspection Plan?  Yes  No

If No, explain:

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

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

See attached Potential Facilities List, which is included as Attachment 1.

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

List below or attach your list of facilities scheduled for inspection during the current fiscal year.  
 See attached titled City of Dublin 2011/12 Business Inspection Plan, which is included as Attachment 2.

**C.4.c.iii.(1) ► Facility Inspections**

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

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

	Number	Percent
Number of businesses inspected	130	
Total number of inspections conducted	130	
Number of violations (excluding verbal warnings)	5	
Sites inspected in violation	5	3.8%
Violations resolved within 10 working days or otherwise deemed resolved in a longer but still timely manner	4	80%

Comments:  
 There were a total of 147 businesses on the City's 2010/11 Business Inspection Work Plan. Out of those 147 businesses, 17 closed over the course of the year, which resulted in 130 business inspections being conducted in FY 10-11.

If a site has multiple violations, Staff counts that as one violation. In the table above it is noted that there were 5 sites inspected in violation. For all of these sites, there was only one violation at each site; however, if there were multiple violations per site it would still be counted as one violation per site.

During FY 10-11, there was one violation that was not resolved within 10 days. The business was a Chinese Restaurant. On a business inspection in the area, it was noticed that waste oil was being stored in an open container. It was explained to two Staff members at the restaurant that they needed to resolve the situation and that Staff will return in two weeks to verify that it has been taken care of. After two weeks, Staff returned to the restaurant and the problem had not yet been corrected. At that point the City sent a written notice to the restaurant (letter dated August 24, 2010). The City subsequently sent a second notice to the restaurant (letter dated September 14, 2010). After receiving the second notice, the restaurant took care of the problem and an appropriate lid was placed on the container.

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

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

Type/Category of Violations Observed	Number of Violations
Actual discharge (e.g. active non-stormwater discharge or clear evidence of a recent discharge)	1
Potential discharge (e.g. BMP's non in place or ineffective)	4
Comments: Discharges are counted as one discharge per inspection site.	

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

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

	Enforcement Action (as listed in ERP) <sup>37</sup>	Number of Enforcement Actions Taken	% of Enforcement Actions Taken <sup>38</sup>
Level 1	Verbal Warning	23	82.1
Level 2	Written Notice	5	17.9
Level 3	Notice to Comply	0	
Level 4	Legal Action	0	
<b>Total</b>		28	100

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

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

Business Category <sup>39</sup>	Number of Actual Discharge Violations	Number of Potential/Other Discharge Violations
Restaurant	0	2
Retail	1	1
Vehicle Storage/Sales	0	1

<sup>37</sup> Agencies to list specific enforcement actions as defined in their ERPs.

<sup>38</sup> Percentage calculated as number of each type of enforcement action divided by the total number of enforcement actions.

<sup>39</sup> 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
Stormwater Business Inspectors Workshop: Pollutants of Concern and Inspection Skills	June 9, 2011	Identifying pollutants of concern, pre-production plastic pellets, addressing trash on inspections, table top exercise on inspection challenge and the effective use of administrative proceedings.	3	100%

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

**Program Highlights**

Provide background information, highlights, trends, etc.

City of Dublin Staff regularly attended the Industrial and Illicit Discharge Control (I&IDC) Subcommittee meetings. There were a total of five I&IDC meetings in FY 10-11 and a Dublin representative was present at four of the five meetings.

Spill response is handled by the Environmental Services function of the City Manager’s Office. The City of Dublin saw an increase in the number of reported discharges in FY 10-11 compared to the previous year. In FY 09-10, there were a total of 28 discharges in the City and in FY 10-11, there were a total of 37 discharges. For the most part, the discharges that occurred in the City were relatively minor and consisted primarily of vehicle fluids and washwater.

Out of the 37 discharges reported in FY 2010-11, it is noteworthy to point out that 20 of the discharges (54%) were identified by City of Dublin employees. The City has three full time construction inspectors who spend the majority of their days in the field. These inspectors notify the Environmental Services Staff whenever they see a discharge while driving around the City. In addition, maintenance crews are in the field all day and also notify the Environmental Services Staff of any illicit discharges.

The City of Dublin routinely inspects the collection system for illicit discharges and illegal dumping. Environmental Service Staff are routinely in the field conducting business inspections and/or necessary follow-up inspections. During these inspections, Staff also attempts to observe any illicit discharges or illegal dumping. City of Dublin maintenance Staff does a visual check of all of the stormdrains in the City prior to the rainy season and clean out the inlets and grates, as necessary. Additionally, the City of Dublin coordinates annual creek clean-up events. In FY 10-11, the City coordinated two creek clean-up events, one in September and a second in May. The City’s creek clean-up event in September included 3 separate creeks in the City and included over 10,000 feet of creek shore (of which 2,600 feet consist of the City’s identified Hot Spots). The creek clean-up event in May included 2 separate creeks in the City and included over 5,000 feet of creek shore. During these events, City Staff conducted a screening of our collection system.

**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
Martha Aja	Environmental Coordinator	925-833-6650
Kathy Southern	Environmental Technician	925-833-6650
Roger Bradley	Assistant to the City Manager	925-833-6650
Nicole Gonzales	Administrative Analyst I	925-833-6630
Mark Lander	City Engineer	925-833-6650

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

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

Description:

If the City were to receive a complaint/observation of an illicit discharge by a mobile business, the City would follow-up with the mobile business and respond to the complaint using the protocols established within our Enforcement Response Plan. In FY 10-11, the City did not receive any complaints/observations regarding illicit discharges from a mobile business.

The City of Dublin uses Coit cleaners at the City facilities to clean carpets. Coit disposes of their wash water properly. The City does not hire mobile surface cleaner to perform cleaning outside (i.e. power washing). The City of Dublin contracts with MCE Corporation for its public works maintenance and operations. As noted in Section 2 of this report (Municipal Operations), the City does limited amounts of plaza maintenance and pavement washing. The City power washes a plaza at one of the City's Parks (Emerald Glen Park) one to two times per year. The City also cleans the pigeon droppings from the freeway underpasses two times per year. Prior to washing any plaza or surface, City Staff sweep first. In addition, all inlets are isolated and wattles are placed around the stormdrain.

**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:

As part of our collection screening program, City of Dublin Staff routinely inspects the collection system for illicit discharges and illegal dumping when in the field. Environmental Service Staff are routinely in the field conducting business inspections and any necessary follow-up inspections. During these inspections, Staff seeks to observe any illicit discharges or illegal dumping issues that may exist.

The City of Dublin coordinates annual creek clean-up events. In FY 10-11, the City coordinated two creek clean-up events, one in September and a second in May. The City's creek clean-up event in September included 3 separate creeks and included more than 10,000 feet of creek shore within the City (of which 2,600 feet consist of the City's identified Hot Spots). The creek clean-up event in May included 2 separate creeks and included over 5,000 feet of creek shore in the City. During these events, City Staff conducted a screening of our collection system. No discharges were noted during the creek clean-up events; however, a homeless encampment was discovered. The City notified Zone 7 (the encampment was located with-in Zone 7's right-of-way) and Zone 7 cleaned the encampment.

We are not proposing any changes to our screening program for this FY. Environmental Services Staff is regularly in the field and while there looks for any problems. Additionally, the City's Public Works Inspectors (3 full time inspectors) and our maintenance Staff are in the field full-time and they report any illicit discharges to Environmental Services Staff. The City's maintenance staff promptly removes any items that are dumped on public property. If illegal dumping has occurred on private property, then City Staff works with the property manager/owner on promptly removing whatever items have been dumped.

**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))	37	
Discharges reaching storm drains and/or receiving waters (C.5.f.iii.(2))	13	35%
Discharges resolved in a timely manner (C.5.f.iii.(3))	35	94.5%

Comments:

Within the City of Dublin, Spill Response was previously handled by the Public Works Department. On July 1, 2009, the City of Dublin created an Environmental Services Function of the City Manager’s Office, which was tasked with, among other things, responding to illicit discharges. Prior to this change occurring, the City created a Spill and Discharge Response Plan. One of the primary objectives of this plan was to train the Environmental Services Staff on how to respond to an illicit discharge. The City’s Spill and Discharge Response Plan establishes the order of contact. Environmental Service Staff is contacted first, and if they are unavailable, Public Works Staff is contacted. The plan establishes a list of individuals and the order that they are contacted.

When the City receives a call regarding an illicit discharge, a variety of questions are asked, which include:

1. The address or location of the spill.
2. Whether or not the spill or discharge is ongoing or active.
3. The type of material discharged or spilled.
4. The extent or volume of the spill, if known.
  - a. Is the spill on the surface, or has it entered a closed storm drain pipe?
  - b. Is the spill confined to private property or has it entered the public right-of-way?
  - c. Has the spill reached an open drainage channel or creek or is there an eminent danger of doing so?
5. The identity of the calling party (name, affiliation, address, phone number). Determine if the caller is still at the scene and if he/she will stand by until City Staff arrives. Confirm that the appropriate phone number for calling the party back has been obtained.
6. The identity of the party causing the discharge (if known). Determine if the responsible party is still at the site. Obtain a description of the parties, including types of vehicles, names of company or phone number on side of vehicle, etc.
7. Determine what steps (if any) have been taken by the responsible party to contain the clean-up of spill.
8. Any additional information that is useful in determining how to respond to the incident.

After asking the questions noted above, staff goes into the field to respond to the discharge.

City of Dublin Staff did not receive any illicit discharge reports/calls that were unsubstantiated in the field. If in the future Staff receives an illicit discharge report that is unsubstantiated in the field, we would not count that as an illicit discharge on our tracking spreadsheet. Illicit discharges that are prevented from reaching storm drain/receiving water are counted on our tracking spreadsheet. In FY 10-11, we had a total of 37 illicit discharges and out of those, 13 reached a storm drain or receiving water.

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

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

During Fiscal Year 10-11, the City of Dublin had a reported 37 discharges. Out of those 37 discharges, nearly 50% fit into the category of either vehicle fluids (10) or washwater (8). For the past two years, vehicle fluids have been the City's most common discharge. In response to this type of discharge, the City developed a door hanger last year, which inform residents about the environmental consequences of discharges into our storm drain system. The door hanger is attached to this report as Attachment 3. There is a picture on the front of the door hanger that shows a stormdrain that has oil leaking into it. From the stormdrain, the oil is shown leaking into the bay. On the back of the door hanger there is a list of materials (i.e. motor oil, grease, paint, construction debris, lawn & garden waste, pool water, waste, etc.) and the material that was reported is checked. The City of Dublin's contact information is also on the door hanger with the request that residents call if they notice any unusual substance in or around the stormdrains in their neighborhood or if they have any information on the discharge that occurred.

The percentages of discharges that were resolved in a timely manner (10 days or less) were 94.5%. Two of the 37 discharges were not resolved within 10 days. The first discharge that was not resolved in a timely manner occurred during the winter holidays. On December 28, 2010, an employee from the Dublin San Ramon Services District (DSRSD) sent an e-mail to the City regarding the enclosure area at one of the City's car dealerships. The DSRSD employee was out doing a grease/vehicle inspection at the dealership and noticed that old gas tanks were on the ground of their uncovered enclosure. The City of Dublin offices were closed from December 23, 2010 through January 4, 2011. The City employee therefore did not receive the e-mail until returning to the office on January 5. City Staff conducted a site inspection and sent a letter upon returning to the office. Upon receipt of the letter, the car dealership did move the car parts from the enclosure into a covered area of the dealership; however, this did not occur within 10 days of the City being notified of the problem.

The other discharge that was not resolved in a timely matter was the clean-up of the trash enclosure and parking lot at a restaurant. City Staff noticed during an inspection of an adjacent business that the restaurant's trash enclosure area and the surrounding parking lot had excessive trash and debris. In addition, the trash dumpster was being stored outside of the enclosure. The City mailed a letter to the restaurant on April 8, 2011 indicating that Staff would return on April 15 to ensure that the waste area has been cleaned up and that the trash bins have been relocated into the enclosure. Staff returned on April 15, 2011 and discovered that the area had not been cleaned. Staff sent a follow-up letter to the restaurant on April 18, 2011. The City returned to the site for a third time on April 25, 2011 and verified that the trash enclosure area and surrounding property had been cleaned and that the dumpster was in the enclosure. Since April 2011, Staff has continued to monitor the restaurant's trash enclosure and parking lot. On the most recent inspection, the trash enclosure area was clean and there was no litter or debris in the enclosure area or the parking lot.

The table below highlights the discharges and complaints that the City received for FY 10-11 and includes information on who reported the spill/discharge, the type of material that was discharged, who the responsible party was and the type of enforcement that the City took.

	Source of Complaint	Type of Pollutants	Investigation Information	Enforcement	Response Time
Agency Staff	20				
Public	11				
Outside Agency	6				
Washwaters		8			
Sewage		3			
Construction Materials		5			
Vehicle Fluids		10			
Food Wastes		2			
Paint		0			
Sediment and/or silt		4			
Industrial Wastes		0			
Litter and/or Debris		2			
Other		3			
Number of Pollutants Identified			37		
Number of Pollutants not Identified			0		
Number of Incidents where Responsible Party Identified			35		
Number of Incidents where Responsible Party not Identified			2		
None				0	
Verbal Notice/Verbal Warning				20	
Written Warning				17	
Notice of Violation				0	
Notice to Comply				0	
Legal Action				0	
Response Time Less than 10 days					35
Response Time more than 10 days					2

Section 6 – Provision C.6 Construction Site Controls

<b>C.6.e.iii.1.a, b, c ▶ Site/Inspection Totals</b>		
<b>Number of sites disturbing &lt; 1 acre of soil requiring storm water runoff quality inspection (i.e. High Priority) (C.6.e.iii.1.a)</b>	<b>Number of sites disturbing ≥ 1 acre of soil (C.6.e.iii.1.b)</b>	<b>Total number of storm water runoff quality inspections conducted (C.6.e.iii.1.c)</b>
2	12	14
<p>Comments:</p> <p>During FY 10-11, the City of Dublin conducted a total of 86 construction inspections. The City of Dublin inspects all construction sites, including those sites that disturb less than 1 acre.</p> <p>There were a total of 12 sites that disturbed 1 acre or more, which included the following projects:</p> <ol style="list-style-type: none"> <li>1. Valley Christian Sanctuary Building – a new building at an existing church/school in the City.</li> <li>2. Schaefer Ranch – single family residential homes.</li> <li>3. Dublin Blvd. Widening – an expansion of a portion of an existing roadway in the City from 1 lane to 2 lanes (in west bound direction).</li> <li>4. DR Horton Cortona – single family residential homes.</li> <li>5. Kolb School – elementary school.</li> <li>6. Sorrento West – medium density residential homes.</li> <li>7. Fallon Village – single family residential homes.</li> <li>8. Lennar - single family residential homes.</li> <li>9. Livorno @ Positano – single family residential homes.</li> <li>10. Fallon Gateway – commercial center. The only building currently under construction is the Target building.</li> <li>11. Dublin Nissan – car dealership.</li> <li>12. Dublin Historic Park – City Park, which includes the placement of historical buildings on the site.</li> </ol> <p>There were two projects that disturbed less than an acre of land that were inspected, which include the following projects:</p> <ol style="list-style-type: none"> <li>1. Village Parkway Stormwater treatment – the installation of a swale near the 680 freeway on-ramp.</li> <li>2. PG&amp;E Gas main &amp; Primary conduit installation.</li> </ol>		

<b>C.6.e.iii.1.d ▶ Construction Activities Storm Water Violations</b>		
BMP Category	Number of Violations <sup>40</sup>	% of Total Violations <sup>41</sup>
Erosion Control	0	0%
Run-on and Run-off Control	0	0%
Sediment Control	2	67%
Active Treatment Systems	0	0%
Good Site Management	1	33%
Non Stormwater Management	0	0%
<b>Total</b>	<b>3</b>	<b>100%</b>

<b>C.6.e.iii.1.e ▶ Construction Related Storm Water Enforcement Actions</b>			
	Enforcement Action (as listed in ERP) <sup>42</sup>	Number Enforcement Actions Taken	% Enforcement Actions Taken <sup>43</sup>
Level 1	Verbal Warning	1	50%
Level 2	Written Notice	0	0%
Level 3	Notice to Comply	1	50%
Level 4	Legal Action	0	0%
<b>Total</b>		<b>2</b>  (One of the sites in violation had two violations at the same site, which occurred on the same day; therefore, only one enforcement action was taken in this case).	<b>100%</b>

<sup>40</sup> Count one violation in a category for each site and inspection regardless of how many violations/problems occurred in the BMP category.

<sup>41</sup> Percentage calculated as number of violations in each category divided by total number of violations in all six categories.

<sup>42</sup> Agencies should list the specific enforcement actions as defined in their ERPs.

<sup>43</sup> Percentage calculated as number of each type of enforcement action divided by the total number of enforcement actions.

<b>C.6.e.iii.1.f, g ► Illicit Discharges</b>		
	<b>Number</b>	
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	
<b>C.6.e.iii.1.h, i ► Violation Correction Times</b>		
	<b>Number</b>	<b>Percent</b>
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)	3	100% <sup>44</sup>
Violations not fully corrected within 30 days after violations are discovered (C.6.e.iii.1.i)	0	0% <sup>45</sup>
<b>Total number of violations for the reporting year<sup>46</sup></b>	<b>3</b>	<b>100%</b>
<p><b>Comments:</b>            There were a total of 3 violations for the reporting year. Two of the violations occurred on the same site and were identified on the same day). All of the violations were corrected within 10 business days. The site with the 2 violations corrected the problems the following day and the other side corrected the violation in two days.</p>		

<b>C.6.e.iii.(2) ► Evaluation of Inspection Data</b>
Describe your evaluation of the tracking data and data summaries and provide information on the evaluation results (e.g., data trends, typical BMP performance issues, comparisons to previous years, etc.).
<p>Description:            During FY 10-11, there were a total of 3 violations. Two of the violations were sediment control problems and the other violation was a good site management issue, in this case inadequate street sweeping. The City of Dublin inspectors visit each construction site on a daily basis, which helps to ensure that proper BMPs are in place and helps to minimize any potential problems or discharges.</p>

<sup>44</sup> 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.

<sup>45</sup> 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.

<sup>46</sup> 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 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 Dublin inspectors visit construction sites daily. Daily inspections serve as an effective mechanism to prevent BMP performance issues and/or problems from arising in the field.

City of Dublin inspectors use the Inspection Checklist for Construction Stormwater Controls form developed by the Alameda Countywide Clean Water Program. The form is filled out once a month for each construction site during the rainy season (October – April). A total of 86 inspections were conducted using this form in FY 10-11. All City of Dublin Inspectors (3 total) have been trained on using this form and the new procedures. The data from the inspection forms is inputted into a tracking spreadsheet. All of the City of Dublin inspectors attended the Construction Inspection Workshop sponsored by the County in May 2011.

**C.6.f ► Staff Training Summary**

Training Name	Training Dates	Topics Covered	No. of Inspectors in Attendance	Percent of Inspectors in Attendance
Construction Inspection Workshop – Understanding the Requirements and Enhancing Inspection Skills	May 25, 2011	Overview of C.6 Requirements and General Construction Permit awareness, Recognizing BMPs, Table Top Exercise on using C.6 BMP toolbox for construction sites, planning & conducting inspections and Regional Board inspection insights.	3	100%

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:  
 Participating in the BASMAA Regional Advertising Campaign through the Program. A summary of activities is provided in Section C.7 of the Program's FY 10-11 Annual Report.

**C.7.b.iii.1 ▶ Pre-Campaign Survey**

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

**Not required for this Annual Report.**

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

Place an X in the appropriate box below:

N/A	Survey report attached
N/A	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 FY 10-11  
 This report and any other media relations efforts conducted Countywide is included within the C.7 Public Information and Outreach section of Program's FY 10-11 Annual Report.

Permittee Name: Dublin

**C.7.d ► Stormwater Point of Contact**

Summary of any changes made during FY 10-11:

No change in what was reported for FY 09-10. Roger Bradley, Assistant to the City Manager, remains as the City of Dublin’s local point of contact. 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., Enviroscene presentation, pesticides, stormwater awareness)	Provide general staff feedback on the event (e.g., success at reaching a broad spectrum of the community, well attended, good opportunity to talk to gardeners etc.). Provide other details such as: <ul style="list-style-type: none"> <li>• Estimated overall attendance at the event.</li> <li>• Number of people that visited the booth, comparison with previous years</li> <li>• Number of brochures and giveaways distributed</li> <li>• Results of any spot surveys conducted</li> </ul>
Clean Water Program exhibit at the Alameda County Fair (Countywide event). See Clean Water Program’s FY 10-11 Report.	See Clean Water Program’s FY 10-11 Report.	See Clean Water Program’s FY 10-11 Report.
Clean Water Program exhibit at the Alameda County Fair (Countywide event). City of Dublin employees staffed the exhibit at the Alameda County Fair on July 1, 2010 and July 2, 2010.	See Clean Water Program’s FY 10-11 Report.	See Clean Water Program’s FY 10-11 Report

<p>Coastal Clean-up Event, September 25, 2010, Three Dublin Creeks</p>	<p>In conjunction with Coastal Clean-up day, the City of Dublin sponsored a creek clean-up event. As part of the event, three separate creeks in the City were cleaned and included more than 10,000 feet of creek shore within the City (of which 2,600 feet consist of the City's identified Hot Spots).</p>	<p>Attendance: 30 Visitors: 30 Brochures/Giveaways Distributed: reusable bag (Chico bag) stuffed with the following items: detain the rain brochure, the Bay Begins, Healthy Home &amp; Garden Guide (booklet containing all of the fact sheets) and Pest Pocket Guide. Surveys: Observational surveys from the cleanups concluded that plastics (bottles, bags and containers), wrappers and styrofoam peanuts/pellets are the most prominent trash items in the City's creeks.</p>
<p>Alameda County Creek Stewardship Council, October 28, 2010</p>	<p>An annual event sponsored by the Alameda County Creek Stewardship Council. At the meeting, the City of Dublin City Engineer did a presentation, which outlined what the City has done to meet the trash requirements of the MRP. The presentation was well received.</p>	<p>Attendance: 40</p>
<p>Saint Patrick's Day Festival, Saturday March 12, 2011 (all day event)</p>	<p>A City event to promote Irish heritage and culture, local business and services and to provide activities for the entire family. The audience consisted of a range of all ages and backgrounds from the bay area. Clean water information such as storm water pollution prevention was handed out and Staff was available for questions. Presentations for school children on the watershed, the effects of storm drain pollution and why we say only "rain down the storm drain." Presentation included watershed diorama demonstrations.</p>	<p>Attendance: 50,000 for 2-day event Visitors: hundreds Brochures/Giveaways Distributed: Staff answered the public's questions about storm water and gave suggestions about how to reduce pollution. Educational material was provided to children in the form of activity books and pamphlets. Adults received fact sheets showing how to use less toxic alternatives to pesticides around the home and yard. Giveaways included reusable bags, Healthy Home &amp; Garden Guide, the Bay Begins, Pest Pocket Guide, Clean It, Grow It, detain the rain brochures, pest pocket guides, children's clean water activity books and tattoos. No surveys conducted.</p>

<p>Saint Patrick's Day Festival, Sunday, March 13, 2011 (all day event)</p>	<p>A City event to promote Irish heritage and culture, local business and services and to provide activities for the entire family. The audience consisted of a range of all ages and backgrounds from the bay area. Clean water information such as storm water pollution prevention was handed out and Staff was available for questions. Presentations for school children on the watershed, the effects of storm drain pollution and why we say only "rain down the storm drain." Presentation included watershed diorama demonstrations.</p>	<p>Attendance: 50,000 for 2-day event                  Visitors: hundreds                  Brochures/Giveaways Distributed: Staff answered the public's questions about storm water and gave suggestions about how to reduce pollution. Educational material was provided to children in the form of activity books and pamphlets. Adults received fact sheets showing how to use less toxic alternatives to pesticides around the home and yard (interest mainly in avoided use). Giveaways included reusable bags, Healthy Home &amp; Garden Guide, the Bay Begins, Pest Pocket Guide, Clean It, Grow It, detain the rain brochures, pest pocket guides, children's clean water activity books and tattoos.                  No surveys conducted.</p>
<p>Dublin Pride Week, Creek Clean-up, Saturday May 7, 2011, two Dublin Creeks</p>	<p>This clean-up project is part of a larger community beautification day consisted of a range of ages and groups volunteering to pick up litter from two creeks in the City.</p>	<p>Attendance: 270 total volunteers (of which 10 were assigned to clean the creeks).                  Visitors: 270                  Brochures/Giveaways Distributed: For all Dublin Pride Week participants (270 total volunteers), the following information was available for pick-up at the information table: fact sheets showing how to use less toxic alternatives to pesticides around the home and yard (interest mainly in avoided use), Healthy Home &amp; Garden Guide, children's clean water activity books, pest pocket guides and detain the rain brochure. In addition, the City distributed non-toxic pest control recipes to all volunteers.                  Surveys: Observational surveys from the cleanups concluded that plastics (bottles, bags and containers), wrappers, styrofoam peanuts and cigarette butts are the most prominent trash items in the City's creeks.</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:

Refer to the Program’s FY 10-11 Annual Report for a summary of the Bay Friendly and the Bringing Back the Natives garden tours.

**C.7.g. ► Citizen Involvement Events**

List the types of events conducted (e.g., creek clean up, storm drain inlet marking, native gardening etc.). Use the following table for reporting and evaluating citizen involvement events.

Event Details	Description	Evaluation of effectiveness
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"> <li>• Number of participants. Any change in participation from previous years.</li> <li>• Distance of creek or water body cleaned</li> <li>• Quantity of trash/recyclables collected (weight or volume).</li> <li>• Number of inlets marked.</li> <li>• Data trends</li> </ul>
Community Stewardship Grants Program	See Clean Water Program FY 10-11 Annual Report.	See Clean Water Program FY 10-11 Annual Report.
Coastal Clean-up Event, September 25, 2010	Three of Dublin’s creeks (which included the City’s identified hot spots) were cleaned up by volunteers and Staff members.	Participants: 30 Total distance of creeks: over 10,000 feet (of which 2,600 feet consisted of the City’s identified hot spots). Quantity of trash/recyclables collected: 420 gallons total (of which approximately 210

		<p>gallons were collected from the hot spots).          Surveys: following the event, City Staff sorted through the trash that was collected and cataloged the items, by type, that were found. A total of 942 items were collected. The most prevalent items include the following:</p> <ol style="list-style-type: none"> <li>1. Food wrappers – 195 (20.70%)</li> <li>2. Plastic beverage bottles – 112 (11.89%)</li> <li>3. Plastic bags – 108 (11.46%)</li> <li>4. Styrofoam peanuts/pellets – 90 (9.55%)</li> <li>5. Aluminum beverage cans – 80 (8.49%)</li> </ol> <p>Data trends: From the prominent items collected during this clean-up, it seems that plastics, wrappers and styrofoam peanuts/pellets require the most attention in Dublin for pollution reduction campaigns.</p>
<p>Dublin Pride Week Creek Clean-up, Saturday May 7, 2011 (as part of a local event)</p>	<p>Two of Dublin’s creeks were cleaned up by volunteers and Staff members.</p>	<p>Participants: 10          Total distance of creeks: approximately 5,000 feet          Quantity of trash/recyclables collected: 100 gallons          Surveys: Observational surveys from the cleanups concluded that plastics (bottles, bags and containers), wrappers and cigarette butts are the most prominent trash items in the City’s creeks. The Dublin Pride Creek Clean-up event was covered by the local media.</p>

**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.
Refer to the C.7 Section of the Program's FY 10-11 Annual Report for a description of School-age Children Outreach efforts conducted at the countywide level.			

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

Section 9 – Provision C.9 Pesticides Toxicity Controls

C.9.a ► Adopt an Integrated Pest Management (IPM) Policy or Ordinance			
Attach a copy of your individual IPM ordinance or policy. <i>(Water Board staff requested resubmittal for FY 10-11.)</i>	<input checked="" type="checkbox"/>	Attached	<input type="checkbox"/> Not attached, explain below
<p>If <b>Not attached</b>, explain:            City of Dublin's IPM Policy is attached to this report as Attachment 4.</p>			
<p>Describe mechanism for adopting/formalizing your agency's IPM ordinance or policy (e.g., department head approval, integration into SOPs, staff training).</p> <p>The City of Dublin's IPM Policy was adopted by the City Council in May 2006. The policy sets forth guiding principles for the development and implementation of an Integrated Pest Management (IPM) Policy on all City-owned facilities. The goal of the policy is to minimize pesticides at City facilities, to reduce the use of broad-spectrum pesticides when feasible, to conduct outreach and provide the means of educating Staff to create awareness about IPM and the use of alternative pest management techniques and to reduce adverse impacts to water quality due to pesticide usage.</p> <p>The City of Dublin contracts with MCE Corporation for its public works maintenance and operations. Among other things, MCE's duties include maintenance of landscaping and parks, tree maintenance, weed control and maintenance of municipal buildings. The City of Dublin technically does not have Municipal Staff who apply pesticides. For purposes of this report, MCE Staff has been included as Municipal employees. Section C.9.c (Train Municipal Employees) includes the MCE Staff who applies pesticides in the City.</p> <p>The City's IPM policy is formalized through training that the MCE Staff receives. It is noteworthy to mention that currently there are a total of 14 MCE Staff members that conduct maintenance work within the City of Dublin, and all 14 of these individuals have received training on the City's IMP Policy and IPM in general. Attached you will find information on the IPM training materials that the City uses to disseminated information to MCE Staff (Attachment 5).</p> <p>The MCE Maintenance Supervisor is a licensed Pest Control Advisor and has received his Qualified Applicator Certificate and Qualified Applicator License. These licenses allow the Maintenance Supervisor to give instruction on applying pesticides and provide training on IPM. Each year, MCE conducts inspections of every park in the City to evaluate the health of the landscape. Staff discusses the best approach to maintain the health of the landscape. The first approach is always IPM and, only if it is necessary, to then use pesticides. Staff discusses which pesticides are the most environmentally friendly.</p>			

**C.9.b ► Implement IPM Policy or Ordinance**

Report implementation of IPM BMPs by showing trends in quantities and types of pesticides used, and suggest reasons for increases in use of pesticides that threaten water quality, specifically organophosphates, pyrethroids, carbaryl, and fipronil. A separate report can be attached as evidence of your implementation.

Trends in Quantities and Types of Pesticides Used <sup>47</sup>					
Pesticide Category and Specific Pesticide Used	Amount <sup>48</sup>				
	FY 09-10	FY 10-11	FY 11-12	FY 12-13	FY 13-14
<b>Organophosphates</b>					
Product or Pesticide Type A	None	None			
Product or Pesticide Type B	None	None			
<b>Pyrethroids</b>					
Product or Pesticide Type X	None	None			
Product or Pesticide Type Y	None	None			
<b>Carbaryl</b>	None	None			
<b>Fipronil</b>	None	None			

**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.	5 (2 of which have state certification)
Enter the number of these employees who received training on your IPM policy and IPM standard operating procedures within the last 3 years.	5
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%

<sup>47</sup> Includes all municipal structural and landscape pesticide usage by employees and contractors.

<sup>48</sup> Weight or volume of the product or preferably its active ingredient, using same units for the product each year.

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<b>C.9.d ▶ Require Contractors to Implement IPM</b>			
Did your municipality contract with any pesticide service provider in the reporting year?		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
If yes, attach one of the following:			
<input type="checkbox"/>	Contract specifications that require adherence to your IPM policy and standard operating procedures, OR		
<input checked="" type="checkbox"/>	Copy(ies) of the contractors' IPM certification(s) or equivalent, OR		
<input type="checkbox"/>	Equivalent documentation.		
If <b>Not attached</b> , explain: Copies of IPM certifications are attached to this report as Attachment 6.			

<b>C.9.e ▶ Track and Participate in Relevant Regulatory Processes</b>	
Summarize participation efforts, information submitted, and how regulatory actions were affected <b>OR</b> reference a regional report that summarizes regional participation efforts, information submitted, and how regulatory actions were affected.	
Summary: During FY 10-11, the City 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.	

<b>C.9.f ▶ Interface with County Agricultural Commissioners</b>			
Did your municipal staff observe any improper pesticide usage or evidence of improper usage (e.g., pesticides in storm drain systems, along street curbs, or in receiving waters) during this fiscal year?		<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
If yes, provide a summary of improper pesticide usage reported to the County Agricultural Commissioner and follow-up actions taken to correct any violations. A separate report can be attached as your summary.			

<b>C.9.h.ii ▶ Public Outreach: Point of Purchase</b>	
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): <b>OR</b> 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 the City's 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**

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

Description:

See the C.10 Trash Load Reduction section of Program's FY 10-11 Annual Report for information on countywide and regional activities conducted on behalf of co-permittees.

*The City of Dublin City Engineer is a member of the Trash Load Reduction Work Group of the Policy-level Subcommittee. The ACCWP funded the installation and maintenance of 20 full trash capture inlet filters in Alameda County that will be used in the development of the baseline trash loading estimate.*

**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 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:

Guidance: 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 Permittees.

The City of Dublin is participating in the Bay-area wide Trash Capture Demonstration Project administered by San Francisco Estuary Partnership. Funds from the grant will be used to purchase a UTD unit, which will be installed in conjunction with the City's Essex project (approved but not yet under construction). Once installed, this unit will treat approximately 30 acres (project site is 5 acres). The installation of the CDS unit will be at the downstream end of the project just before the outfall into a flood control channel.

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In FY 10-11, the City of Dublin installed numerous full trash capture devices. During FY 10-11, 13 Triton filters were installed in the City, which included 8 on Village Parkway, 2 on Golden Gate Drive, 2 on Scarlett Court and 1 at the North 680 on-ramp (Village Parkway). The City of Dublin currently has a total of 38 Triton filters in the City. The filters have been installed by Revel Environmental Manufacturing (REM). REM services these filters three times a year (October/November, February/March and May/June). The filters were most recently serviced on May 13, 2010. Approximately 75% of the materials removed from the filters were organic material (vegetation debris). The trash/litter that was removed included plastic bags, wrappers, cigarette butts, packing materials, plastic cups, straws and aluminum cans.

In FY 10-11, the City of Dublin installed two Underground Treatment Devices (UTD). The City of Dublin currently has 13 UTD units that it maintains, which include the following locations:

- Dublin Library
- Dublin Boulevard at Alamo Canal
- Tassajara Creek Phase 1
- Tassajara Creek Phase III
- Dougherty Road at Dublin Boulevard
- Dublin Boulevard at Dougherty Road
- DeMarcus Boulevard (2 units), Eastern Dublin Transit Center
- Iron Horse Parkway
- Maple Drive, south of York Drive
- Amador Valley Boulevard, east of Village Parkway
- Campbell Lane (2 units), Eastern Dublin Transit Center

The UTD units are cleaned out annually in the fall before the start of the rainy season. The City contracts with the Dublin San Ramon Services District to clean out the UTD units on an annual basis.

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

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

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

Trash Hot Spot	Cleanup Date	Volume of Material Removed	Dominant Type of Trash	Trash Sources (where possible)
Conducted during FY 09-10, in addition to FY 10-11. Information below is from FY 10-11 Trash Hot Spot clean-up.				
Alamo Canal from Dublin Boulevard to Amador	9-25-2010	80 gallons	Plastic (bottles, bags), food wrappers, styrofoam, aluminum beverage cans	Dublin Boulevard, Amador Valley Boulevard and the trail

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Valley Boulevard				along the canal.
Alamo Creek within Alamo Creek Park	9-25-210	60 gallons	Plastic (bottles, bags), food wrappers, styrofoam, aluminum beverage cans	Alamo Creek Park
South San Ramon Creek behind Dublin High School and next to the Ironhorse Trail	9-25-2010	70 gallons	Plastic (bottles, bags), food wrappers, styrofoam, aluminum beverage cans	Dublin High School football stadium, baseball field and the Ironhorse Trail.

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

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

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

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

Type of Trash Load Reduction Action	Date of First Implementation	Level of Implementation (specify if level was increased after MRP adoption)	Total Trash Load Removed by Action	Dominant Types of Trash Removed by Action
<b>Anti-Litter Activities</b> – During FY 10-11, the City of Dublin installed an additional 13 inlet filters, bringing the total up to 38 filters. Additionally, the City installed 2 UTD units in FY 10-11, bringing the total up to 13 UTD units.	2010	The City has increased the number of storm drain inlet filters in the City from 2 to 38 (post MRP adoption). The City also increased the number of UTD units from 6 to 13 (post MRP	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	The inlet filters are serviced 3 times per year. Approximately 75% of the materials removed from the filters are organic material. The trash/litter removed included

		adoption).	documented for each load reduction action. See the Program's FY10-11 Annual Report for schedule.	plastic bags, wrappers, cigarette butts, packing materials, plastic cups, straws & aluminum cans. The materials removed from the UTD units are similar to the inlet filters.
<b>Curbside Recycling Programs</b> – the City of Dublin offers free Curbside Recycling to all residences in the City. In addition, residents can recycle plastic bags at the grocery stores in the City.	2000	The level of implementation did not increase after MRP adoption; however, the diversion rate within the City has continued to increase. In 2008, the diversion rate was 66% and in 2010 and it was 75%.	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.	Recyclables such as bottles (plastic and glass) aluminum cans, cardboard and paper.
<b>Education and Outreach Efforts</b> – the City of Dublin utilizes the watershed diorama at events (i.e. St. Patrick's Day festival) to demonstrate to kids the effects of storm drain pollution and why we say only "rain down the storm drain."	2006	The level of implementation did not increase after MRP adoption.	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.	Plastics, (bottles, bags and containers), aluminum cans, Styrofoam, cardboard and paper.
<b>Free Trash Pick-up/Drop-off Days</b> – City of Dublin residents can request free trash pick-up 3 times a year of up to 7 cubic yards. This service results in less illegal dumping in the City.	2005	The level of implementation did not increase after MRP adoption.	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	Bulky goods, appliances, furniture, mattresses, tires, plastics, cardboard, e-waste (televisions, computers) and batteries.

			removed will be documented for each load reduction action. See the Program's FY10-11 Annual Report for schedule.	
<b>HHW Program Activities</b> – every year as part of Dublin Pride Week, the City sponsors a Household Hazardous Waste Event in the City.	2005	The level of implementation did not increase after MRP adoption.	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.	Paint, mercury containing items, motor oil, fertilizer, pesticides and household cleaners.
<b>Improved Trash Bin Management</b> – the Dublin City Council adopted Solid Waste & Recycling Enclosure Standards in June 2010. The intent of the standards is to ensure that there is adequate space in newly constructed enclosures for solid waste and recycling, including organics if applicable.	Ordinance adopted June 2010	This is a new action since the adoption of the MRP.	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.	Plastics (bottles, bags and containers), wrappers, aluminum cans, styrofoam, food waste and paper.
<b>Litter Pick-up and Control</b> – on a weekly basis, maintenance staff picks up litter at all of the parks and streets in the City.	Since City incorporated (1982)	The level of implementation did not increase after MRP adoption.	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	Plastics (bottles, bags and containers), wrappers, aluminum cans, styrofoam, paper and cigarette butts.

			documented for each load reduction action. See the Program's FY10-11 Annual Report for schedule.	
<b>Removal of homeless encampment</b> – during a creek clean-up event in 2010, volunteers came across a homeless encampment. The homeless encampment was located within Zone 7's right-of-way. Following the creek clean-up event, the City worked with Zone 7 on the removal of the encampment.	2010	This is a new action since adoption of the MRP.	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.	Clothing, suitcase, bottles (glass and plastic), paper and trash bags.
<b>Solid Waste Recycling Efforts</b> – the City of Dublin continues to work on increasing diversion within the City. Last year, the City received and implemented a grant to add additional recycling containers in the City's parks. The total number of garbage receptacles increased from 143 to 157 and the total number of recycling receptacles increased from 16 to 48.	2010	The City has been working on increasing solid waste & diversion for some time; however, the grant to add additional recycling containers in the park occurred in 2010, after adoption of the MRP.	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.	Recyclables such as bottles (plastic and glass) aluminum cans, cardboard and paper.

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<p><b>Storm Drain Operation and Maintenance</b> – City Maintenance Staff check every single storm drain inlet in the fall prior to the rainy season. Inlets that need to be cleaned are marked and the inlets are cleaned prior to the start of the rainy season.</p>	<p>Since City incorporated (1982)</p>	<p>The level of implementation did not increase after MRP adoption.</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>Organic material (vegetation debris), plastic bags, wrappers, cigarette butts, packing materials, plastic cups, straws and aluminum cans.</p>
<p><b>Storm Drain Signage/Marking</b> –the City of Dublin continues to place “no dumping drains to bay” markers on the storm drains in the City. In years past, volunteer groups helped to mark the stormdrains. Developers are also required to put the storm drain signage on the stormdrains prior to a project being finalized.</p>	<p>The City began marking its stormdrains in the 1990s. Originally stencils were used. In 2005, the City switched to medallions.</p>	<p>The level of implementation did not increase after MRP adoption.</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>Organic material (vegetation debris), plastic bags, wrappers, cigarette butts, packing materials, plastic cups, straws and aluminum cans.</p>
<p><b>Street Sweeping Activities</b> - Residential areas are swept 2 times per month with the exception of August, which is swept 1 time per month. Additional leaf sweeps are done in the fall months. Commercial areas are swept 2 times per month, with the exception of the heavy leaf months. During heavy leaf months, commercial areas are swept 4 times per month.</p>	<p>Since City incorporated (1982)</p>	<p>The level of implementation did not increase after MRP adoption.</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>Primarily organic materials (leaves, twigs, dirt). The trash/litter removed includes plastic bags, wrappers, cigarette butts, packing materials, plastic cups, straws and aluminum cans.</p>

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**C.10 – Trash Load Reduction**

<p><b>Trash Removal from Receptacles</b> – on a weekly basis, Maintenance Staff remove trash from the receptacles located at City parks and within the Public right-of-way.</p>	<p>Since City incorporated (1982)</p>	<p>The level of implementation did not increase after MRP adoption.</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>Recyclables such as bottles (plastic and glass) aluminum cans, cardboard and paper.</p>
<p><b>Volunteer Creek Clean-up Days</b> – in FY 10-11, the City of Dublin coordinated 2 volunteer Creek Clean-up events, one for Coastal Clean-up in September 2010 and a second for Dublin Pride Week in May 2011.</p>	<p>2010</p>	<p>This is a new action since the adoption of the MRP.</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>Plastics (bottles, bags and containers), wrappers, styrofoam, aluminum cans, cigarette butts.</p>

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).

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

Additionally, as part of Dublin Pride Week, the City sponsored a Household Hazardous Waste Collection on May 14, 2011. Ten pounds of mercury containing waste was collected through the Household Hazardous Waste Collection event.

**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.

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

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

Summary

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

Section 13 - Provision C.13 Copper Controls

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

*(For FY 10-11 Annual Report only)* Do you have adequate legal authority to prohibit discharge of wastewater to storm drains generated from the installation, cleaning, treating, and washing of the surface of copper architectural features, including copper roofs to storm drains?

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

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

*(For FY10-11 Annual Report only)* Do you have adequate legal authority to prohibit discharges to storm drains from pools, spas, and fountains that contain copper-based chemicals?

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

**C.13.c ► Vehicle Brake Pads**

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

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

Based upon inspection 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  
 During inspections, no such facilities were identified.

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

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

Summary

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

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

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

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

Summary

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

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

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

Is your agency a water purveyor?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
If <b>No</b> , skip to C.15.b.vi.(2):				
If <b>Yes</b> , 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**

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

- Promote conservation programs
- Promote outreach for less toxic pest control and landscape management
- Promote use of drought tolerant and native vegetation
- Promote outreach messages to encourage appropriate watering/irrigation practices
- Implement Illicit Discharge Enforcement Response Plan for ongoing, large volume landscape irrigation runoff.

AB 1881 directed the Department of Water Resources to update the Water Efficient Landscape Ordinance (WELO). One of the main objectives of the updated WELO is to reduce water use to the lowest practical amount and set an upper water use limit for development that may not be exceeded. The updated WELO also establishes provisions for water management practices and water waste prevention. Additionally, the WELO promotes the values and benefits of landscapes while simultaneously recognizing the need to use water efficiently. In FY 10-11, the City of Dublin amended its current WELO to reflect the requirements of AB 1881. The City's Ordinance is based on the updated State's Ordinance provided by the Department of Water Resources; however, slight modifications were made to the State Ordinance to make it specific to Dublin. The City's Ordinance is at least as effective in conserving water as the State's Ordinance.

The City of Dublin installed a central irrigation system in November 2009. The central irrigation system is tied to the weather station in Pleasanton. The system uses weather data to determine the appropriate amount of irrigation to apply to a park or median. In FY 10-11, the City expanded the central irrigation to five new parks in the City. Currently, 50% of the City's parks and 30% of the medians are connected to the central irrigation system. In FY 10-11, the City estimated that it achieved water savings of nearly 30% at parks connected to the central irrigation system. In February 2010, Zone 7 conducted a water audit at 3 park sites within the City. Based on the findings of the water audits, the City will be making some tweaks at those parks (such as re-directing sprinkler heads). It is anticipated that these modifications will result in additional water savings at the

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City's parks.

In July 2010, the first phase of Fallon Sports Park opened and encompasses 28 acres of the 60-acre site. Park amenities include two baseball fields; two softball fields; two synthetic turf fields; four tennis courts; four basketball courts; BMX track; and pathway and trails. Fallon Sports Park includes drought tolerant and native vegetation throughout the park. Approximately 50% of the plants at the park are native.

In June 2009, the City adopted a Bay Friendly Landscape Policy that applies to civic landscape projects that include new or significantly renovated landscapes with cost of \$100,000 or more. The ordinance requires that all projects initiated on or after July 1, 2009 meet the Stopwaste.org recommended minimum number of points on the Bay-friendly Landscape Scorecard as well as meet all basic required practices on the Bay-friendly Landscape Scorecard.



C.15.b.iii.(2) ► Unplanned Discharges of the Potable Water System <sup>50</sup>														
Site/ Location	Discharge Type	Receiving Waterbody(ies)	Date of Discharge	Discharge Duration (military time)	Estimated Volume (gallons)	Estimated Flow Rate (gallons/day)	Chlorine Residual (mg/L) <sup>51</sup>	pH (standard units) <sup>52</sup>	Discharge Turbidity (Visual) <sup>52</sup>	Implemented BMPs & Corrective Actions	Time of discharge discovery	Regulatory Agency Notification Time <sup>52</sup>	Inspector arrival time	Responding crew arrival time

<sup>50</sup> This table contains all of the unplanned discharges that occurred in this FY.

<sup>51</sup> Monitoring data is only required for 10% of the unplanned discharges. If you monitored more than 10% of your unplanned discharges, report all of the data collected.

<sup>52</sup> Notification to Water Board staff is required for unplanned discharges where the chlorine residual is >0.05 mg/L and total volume is ≥ 50,000 gallons. Notification to State Office of Emergency Services is required after becoming aware of aquatic impacts as a result of unplanned discharge or when the discharge might endanger or compromise public health and safety.

# **ATTACHMENTS**

**City of Dublin Annual Deliverables  
July 2010 to June 2011**

**City of Dublin Potential Facilities List - Attachment 1**

<b>High Priority Businesses for Inspection Are Inspected Annually</b>				
BUSINESS NAME		ADDRESS	STANDARD BUSINESS TYPE	NEXT INSPECTION
Hooters	7944	Dublin Blvd.	Restaurants	2010/11
Willow Tree Restaurant	6513	Regional St	Restaurants	2010/11
Chuck E. Cheese	7499	Dublin Blvd	Retail/Wholesale	2010/11
City of Dublin Corp Yard 8/7	5600	Scarlett Ct.	Transportation/Corporation	2010/11
Hexcel Corp	11711	Dublin Blvd	Manufacturing	2010/11
<b>Total Number of Businesses</b>	<b>5</b>			
<b>Medium Priority Businesses for Inspection Are Inspected Every Three Years</b>				
Sushi Q	7335	Village Parkway	Restaurant	2011/12
E Sushi!	7435	Amador Valley Blvd	Restaurant	2011/12
Maui-Wow! Dublin	7931	Amador Valley Blvd	Restaurant Fast Food	2011/12
Bagel Bakery Café	7168	Regional St	Restaurant Sitdown	2011/12
China Wall Buffet	7745	Amador Valley Blvd	Restaurant Sitdown	2011/12
Osaka Ramen	4288	Dublin Blvd #118	Restaurant Sitdown	2011/12
Zoie Café	4288	Dublin Blvd 105	Restaurant Sitdown	2011/12
Just Koi	4288	Dublin Blvd 120	Restaurant Sitdown	2011/12
Koi Garden Restaurant	4288	Dublin Blvd 213-217, 21	8Restaurant Sitdown	2011/12
Halu Shabu Shabu, Inc.	4288	Dublin Blvd 110	Restaurant Sitdown	2011/12
A A Tofu House LLC	4288	Dublin Blvd 116	Restaurant Sitdown	2011/12
Chipotle Mexican Grill #1013	7020	Amador Plaza Road	Restaurant Sitdown	2011/12
Panera Bread #1121	7030	Amador Plaza Road	Restaurant Sitdown	2011/12
Doughboy's Donuts	7867	Amador Valley Blvd	Restaurant/Fast food	2011/12
Applebee's	4808	Dublin Blvd	Restaurants	2011/12
Denica's	6000	Dougherty Rd	Restaurants	2011/12
Fuzio International Pasta	4930	Dublin Blvd	Restaurants	2011/12
Macaroni Grill	4805	Hacienda Dr.	Restaurants	2011/12
Mimi's Cafe	4775	Hacienda Dr	Restaurants	2011/12
Cold Stone Creamery/Rocky Mtn Chocolate	4920	Dublin Blvd	Restaurants	2011/12
Evie's	7138	Village Pkwy	Restaurants	2011/12
Kee Wah	4288	Dublin Blvd.	Restaurants	2011/12
Old Town Café	4288	Dublin Blvd.	Restaurants	2011/12
Papa John's Pizza	4588	Dublin Blvd.	Restaurants	2011/12
Peet's Coffee & Tea	4620	Tassajara Rd.	Restaurants	2011/12
Popeye's Chicken & Biscuits	7122	Regional St.	Restaurants	2011/12
Starbucks #1932	4440	Camino Tassajara	Restaurants	2011/12
Black Angus Steakhouse	4814	Dublin Blvd.	Restaurants	2011/12
Quizno's Baked Sub	4930	Dublin Blvd	Restaurants	2011/12
Rigatoni's Restaurant	7350	Dublin Blvd	Restaurants	2011/12
Starbucks #1953	7499	Dublin Blvd	Restaurants	2011/12
Quizno's Classic Subs	7112	Dublin Blvd	Restaurants	2011/12
Tomatina	4590	Dublin Blvd.	Restaurants	2011/12
Gallagher's Dublin Pub	7821	Amador Valley Blvd.	Retail Food Services	2011/12
Erik's Deli Café	7603	Amador Valley Blvd	Restaurants	2011/12
Blossom Bee Crepeires Fusion	7335	Village Parkway	Restaurants	2011/12
Full House International Inc.	7265	Village Parkway	Restaurants	2011/12
Tutti Frutti	4930	Dublin Blvd.	Restaurants	2011/12
Yogurt Walk	6601	Dublin Blvd.	Restaurants	2011/12
Mr. Pickles Sandwich Shop	7112	Dublin Blvd.	Restaurants	2011/12
Pho Saign 2	4288	Dublin Blvd. #112	Restaurants	2011/12
Peacock Dublin Inc.	6608	Dublin Blvd.	Restaurants	2011/12
Cellar 9 Restaurant & Bar	4112	Grafton Street	Restaurants	2011/12
Coco Cabana	4500	Tassajara Road	Restaurants	2011/12
Citrus Indian Fusian	6830	Village Parkway	Restaurants	2011/12
5 Guys Burger	4930	Dublin Blvd. #680	Restaurants	2011/12
Tandoori Hut	7603	Amador Valley Blvd	Restaurants	2011/12
Liang's Kitchen Dublin LLC	7603	Amador Valley Blvd	Restaurants	2011/12

Casper's Hot Dogs Elena	6998	Village Parkway	Restaurants	2012/13
Sahara Market	6783	Dublin Blvd	Food Store	2012/13
Jamba Juice	4930	Dublin Blvd 600	Restaurants	2012/13
La salsa Inc	4930	Dublin Blvd #640	Restaurants	2012/13
Starbuck Coffee #5571	4930	Dublin Blvd	Restaurants	2012/13
Taxi's Hamburgers	4930	Dublin Blvd #680	Restaurants	2012/13
Me - N - Ed's Slices	4930	Dublin Blvd 860	Restaurant	2012/13
Fuddruckers	4910	Dublin Blvd	Restaurants	2012/13
On the Border	4940	Dublin Blvd.	Restaurants	2012/13
Panda Express	6851	Ama. Plaz.	Retail Food Services	2012/13
Carrows Restaurant	7505	Dublin Blvd	Restaurants	2012/13
Togo's Eateries	7147	Amador Plz. Rd.	Restaurants	2012/13
Lumpia House	8937	San Ramon Rd	Restaurants	2012/13
Mountain Mike's Pizza	8951	San Ramon Rd	Restaurants	2012/13
Thai Basil Express	4288	Dublin Blvd.	Restaurants	2012/13
Bagel Street Café	4101	Dublin Blvd	Retail Food Services	2012/13
Madame Sun's Restaurant	6608	Dublin	Restaurants	2012/13
Rulu's Tacqueria & Café	8938	San Ramon Rd	Restaurant Sitdown	2012/13
Burger King 8387	6921	Regional	Restaurants	2012/13
Baskin Robbins 2028	7225	Regional St	Restaurants	2012/13
Dr. Beenz (was Mika's Espresso)	7377	Amador Valley Blvd	Retail Food Services	2012/13
Lucky Pizza	7410	Amador Valley Blvd.	Restaurants	2012/13
Chuck E Cheese's	7448	Amador Valley	Restaurants	2012/13
A P N A Bazar	7992	Amador Valley Blvd	Food Store	2012/13
Wendy's	7143	Dublin Blvd.	Restaurants	2012/13
Taqueria Los Pericos 2	7471	Village Pkway	Restaurants	2012/13
Lovely Sweet	7467	Village Pkway	Restaurants	2012/13
Pho Saigon	7300	San Ramon Rd	Restaurants	2012/13
Cafe Tapioca	7160	Regional St.	Restaurants	2012/13
Carl's Jr.	7120	Dublin Blvd.	Restaurants	2012/13
Athens Burgers	6999	Dublin Blvd.	Restaurants	2012/13
Hooters	7944	Dublin Blvd.	Restaurants	2012/13
I. H. O. P.	6379	Dublin Blvd	Restaurants	2012/13
Cafe Tapioca	7160	Regional St.	Restaurants	2012/13
P*H*O Asian Bistro	4920	Dublin Blvd 420	Eating/Drinking Estab.	2012/13
I. H. O. P. 5/21	6379	Dublin Blvd	Restaurants	2012/13
Burger King 8387	6921	Regional St	Restaurants	2012/13
Copper Skillet	7265	Amador Valley Blvd.	Restaurants	2013/14
Bangkok 101	7375	Amador Valley Blvd.	Restaurants	2013/14
Yu-Yu Restaurant	7465	Amador Valley Blvd	Restaurants	2013/14
Round Table Pizza	7841	Amador Valley Blvd	Restaurants	2013/14
Ohgane	7877	Amador Valley Blvd	Restaurants	2013/14
Garlex Pizza	7994	Amador Valley Blvd	Restaurants	2013/14
Casa Orozco	7995	Amador Valley	Restaurants	2013/14
Togo's	4101	Dublin Blvd	Restaurants	2013/14
Sushi House of Sake	4288	Dublin Blvd Ste 101	Restaurants	2013/14
Raffles Café	4288	Dublin Blvd Ste 109	Restaurants	2013/14
Pamir Cuisine	4288	Dublin Blvd Ste 111	Restaurants	2013/14
China Paradise	4580	Dublin Blvd	Restaurants	2013/14
Havali Indian Cuisine	4582	Dublin Blvd	Restaurants	2013/14
New India Bazaar	4552	Dublin Blvd	Restaurants	2013/14
Café Tazza	4584	Dublin Blvd	Restaurants	2013/14
Subway #47962	4554	Dublin Blvd A	Restaurants	2013/14
Yanagi Sushi & Grill	6599	Dublin Blvd	Restaurants	2013/14
Extreme Pizza	6599	Dublin Blvd	Restaurants	2013/14
Subway	6599	Dublin Blvd. Ste. J	Restaurants	2013/14
Little Home Thai	6601	Dublin Blvd	Restaurants	2013/14
Frankie Johnnie & Luigi	11891	Dublin Blvd	Restaurants	2013/14
Karma Fusion Lounge	4100	Grafton St Unit 1	Restaurants	2013/14
G & P Country Waffles	7274	San Ramon Rd	Restaurants	2013/14
Hana Japan Steak House	7298	San Ramon Rd	Restaurants	2013/14

Kadupul	8939	San Ramon Rd	Restaurants	2013/14
Shangri La Chinese Restaurant	6568	Village Pkwy	Restaurants	2013/14
Citrus Indian Fusian	6830	Village Parkway	Restaurants	2013/14
Hunan House Restaurant	7111	Village Pkwy	Restaurants	2013/14
Taco Bell/Amzone L L C	7123	Village Pkwy	Restaurants	2013/14
Dosa Place	7150	Village Parkway	Restaurants	2013/14
Little Caesar's	7387	Village Parkway	Restaurants	2013/14
Dublin & San Ramon Eateries, LLC	7603	Amador Valley Blvd	Restaurants	2013/14
J R S Subway Sandwiches and Salads	7660	Amador Valley Blvd	Restaurants	2013/14
Zac's Cafe	6715	Dublin Blvd	Restaurants	2013/14
Starbucks Coffee #5206	7904	Dublin Blvd	Restaurants	2013/14
Jack in the Box	7265	Village Parkway	Restaurants	2013/14
Johnny's Donut Shop	7355	Village Parkway	Restaurants	2013/14
N.Y. Giant Pizza & Gyros	7083	Village Parkway	Restaurant Fast Food	2013/14
Jamba Juice	7499	Dublin Blvd	Restaurant Fast Food	2013/14
Little Mad Fish	4480	Tassajara Rd	Restaurant Sitdown	2013/14
Elephant Bar Restaurant	7202	Amador Plaza Rd	Restaurant Sitdown	2013/14
Macau Bistro	4288	Dublin Blvd 113	Restaurant Sitdown	2013/14
Quickly	4288	Dublin Blvd 104	Restaurant Sitdown	2013/14
Amakara Company, Inc.	7222	Regional St	Restaurant Sitdown	2013/14
INDIA SPICE HOUSE	6715	Dublin Blvd	Retail Food Services	2013/14
Amici's East Coast Pizzeria	4640	Tassajara Rd.	Restaurants	2013/14
Armadillo Willey's BBQ	4480	Tassajara Rd	Restaurants	2013/14
Baja Fresh Mexican Grill	4550	Tassajara Rd.	Restaurants	2013/14
China Village	7200	Regional St	Restaurants	2013/14
House of Sake Restaurant	4288	Dublin Blvd	Restaurants	2013/14
Kentucky Fried Chicken	6797	Village Parkway	Restaurants	2013/14
Matsu Sushi	4930	Dublin Blvd.	Restaurants	2013/14
McDonald's	7145	Dublin Blvd.	Restaurants	2013/14
Mc Namara's Steak & Chop House	7400	San Ramon Rd.	Restaurants	2013/14
Outback Steakhouse	6505	Regional St.	Restaurants	2013/14
Red Tractor Café	4920	Dublin Blvd.	Restaurants	2013/14
Royal Afghan Cuisine	7178	Regional St.	Restaurants	2013/14
Sri - Thai	4930	Dublin Blvd.	Restaurants	2013/14
Starbucks Coffee #9636	7197	Village Pkwy	Restaurants	2013/14
Taqueria Azteca	7155	Amador Plaza Rd	Restaurants	2013/14
Western Dining Terdyne	5160	Hacienda Dr.	Restaurants	2013/14
Dublin Fish N Chip	7410-B	Amador Valley Blvd	Eating/Drinking Estab.	2013/14
Mandarin Village	7150	Village Pkwy	Restaurants	2013/14
Dublin's Sports Pub & Grill	7294	San Ramon Rd	Restaurants	2013/14
<b>Total Number of Businesses</b>	<b>149</b>			
<b>Low Priority Businesses for Inspection Are Every Five Years</b>				
Agorra Building Supply	5965	Dougherty Rd	Retail	2011/12
Autowerks European Inc.	6310	Houston	Auto Repair and Service	2011/12
Hacienda Cleaners	4560	Dubliin Blvd.	Cleaners	2011/12
Lexura Service Center	7136	Village Parkway	Auto Repair and Service	2011/12
Express Discount Smog Check Center	6055	Dougherty Road	Auto Repair and Service	2011/12
Onvaco USA Inc.	6427	Golden Gate Drive	Industrial Light	2011/12
MCB Automotive	7114	Village Parkway	Auto Repair and Service	2011/12
Medina Halal Foods Inc.	7992	Amador Valley Blvd.	Grocery Store	2011/12
Geotherm Instrumentation LLC	6354	Clark Ave.	Research & Development	2011/12
Dublin Mazda	5510	Scarlet Court	Car Dealership	2011/12
Half Priced Books	7898	Dublin Blvd.	Retail	2011/12
Mike's Car Clinic	6407	Golden Gate Drive	Auto Repair and Service	2011/12
Sprouts Farmers Market LLC	7153	Amador Plaza	Grocery Store	2011/12
Ewaste Direct, Inc.	6005	Scarlett Ct.	Warehouse/Storage	2011/12
DSW Show Warehouse Inc.	7896	Dublin Blvd.	Retail	2011/12
A-Z Lawn Mower	8931	San Ramon Rd	Retail	2011/12
Dold's Workshop	7106	Village Pkwy	Auto Repair and Service	2011/12

Dublin Dental Care	6851	Amadort Plz	Dental Offices	2011/12
Dublin Plaza Dental	7792	Dublin Blvd	Dental Offices	2011/12
E&J Photo Lab	7748	Dublin Blvd	Retail	2011/12
El Monte R-V Center	6301	Scarlett Ct	Auto Vehicle Brokerage	2011/12
Gary's Auto Electric	6465	Clark	Auto Repair and Service	2011/12
One Source	6398	Dougherty Rd	Retail	2011/12
Simply Outrageous Catering	11851	Dublin Blvd	Restaurants	2011/12
Smith Glass & Aluminum Co.	7046	Village Pkwy	Retail	2011/12
Stan Hodge and Company	6398	Dougherty Rd	Retail	2011/12
United Studio Self Defense	7776	Dublin Blvd	Retail	2011/12
Blush	4640	Tassajara Rd.	Retail	2011/12
Tokyo Garden Sushi Bar	7499	Dublin Blvd	Eating/Drinking Estab.	2011/12
Interstate 48 Transportation	11501	Dublin Blvd	Service/Misc	2011/12
Yogurtland	6851	Amador Plaza Rd #102	Retail-General	2011/12
Western Tile Design Center	6890	Village Pkwy	Retail/Wholesale	2011/12
SCHUCK'S TRANSMISSION & Clutches	7016	Village Pkwy	Auto Repair and Service	2011/12
Enterprise Rent a Car	6867	Dublin Blvd	Auto Miscellaneous	2011/12
Ray's Auto Service	6985	Dublin Blvd.	Auto Repair and Service	2011/12
QUALITY TUNE-UP	6053	DOUGHERTY ROAD	Auto Repair and Service	2011/12
H & H Pool Services, Inc.	6398	Dougherty Rd 1	Service/Misc	2011/12
Turbo Spas	6398	Dougherty Rd	Retail	2011/12
Jeff's Performance Automotive	6398	Dougherty Rd	Auto Repair and Service	2011/12
Select Imaging	6398	Dougherty Rd	Printing	2011/12
Western Appliance	7898	Dublin Blvd	Retail Store	2011/12
Batteries Plus-Dublin	7429	Amador Valley Blvd	Retail Store	2011/12
C Mini Mart & Subway	6000	Dougherty Rd	Retail Store	2011/12
DeSilva Gates Construction	11555	Dublin Blvd	Contractor/Speciality	2011/12
Elby's And Funk's Auto Works	6785	Dublin Blvd	Auto Vehicle Repair & Svc	2011/12
Cali Tint	6055-A	Dougherty Rd	Auto Vehicle Repair & Svc	2011/12
Kragen Auto Parts #4045	7100	Regional St	Auto Vehicle Repair & Svc	2011/12
Moda Auto Lounge	5947	Dougherty Rd	Auto/Vehicle Storage Lot	2011/12
Diamond Stone Kitchen & Bath	7197	Village Parkway D	Building Materials/Retail	2011/12
L H Voss Materials Inc	5965	Dougherty Rd	Construction/Contractor	2011/12
Machining Unltd.	6398	Dougherty Rd.	Construction/Contractor	2011/12
Launderland	7241	Regional St	Dry Cleaners	2011/12
V I P Quality Cleaners	7214	Regional St	Dry Cleaners	2011/12
The Rose Girls Florist & Hydroponics	7081	Village Parkway	Florist	2011/12
Extended Stay America #8574	4500	Dublin Blvd	Hotel/Motel	2011/12
CROWN MECHANICAL	6398	DOUGHERTY RD #21	Industrial	2011/12
Waters	6747	Sierra Ct	Industrial-Light	2011/12
Crawfod Sheet Metal	6398	Dougherty Road 6	Industrial-Light	2011/12
Signature Label, Inc.	6700	Sierra Ln	Industrial-Light	2011/12
Signal Perfection Ltd	6681	Sierra Ln Ste F	Industrial-Light	2011/12
Park West Landscape	6971	Sierra Ct	Industrial-Light	2011/12
Carl Zeiss Meditec 2	5875	Arnold Rd 100	Industrial-Light	2011/12
S. T. Model	6773	Sierra Ct B	Industrial-Light	2011/12
Powerstor Corporation	6805	Sierra Ct G	Light Industrial	2011/12
Gem Kitchen	6398	Dougherty Rd.	Manufacturing	2011/12
Tosoh Set, Inc	5880	Gleason Dr	Manufacturing	2011/12
Premier Health Care	7788	Dublin Blvd	Medical	2011/12
Be Well	7080	Donlon Way 104	Medical	2011/12
Tri-Valley Bodyworks	6400	Village Parkway E	Medical	2011/12
Allsafe Self Storage	6250	Sierra lane	Mini Storage	2011/12
Dublin Mini Storage	6100	Dougherty Rd	Miscellaneous	2011/12
Mortensen & Son	6398	Dougherty Rd	Miscellaneous	2011/12
S.O.S.	6398	Dougherty Rd.	Miscellaneous	2011/12
Luv My Pet, inc.	11976	Dublin Blvd	Pet services	2011/12
Pet Food Express	4460	Tassajara Road A	Pet services	2011/12
Premier Pharmacy	6543	Regional St	pharmacy/medical supplies	2011/12
The Golf Mart	6635	Dublin Blvd	Retail	2011/12
Office Depot	6440	Dublin Ct	Retail	2011/12

Michaels	7890	Dublin Blvd	Retail	2011/12
Stereo Doctor	7009	Dublin Blvd	Retail	2011/12
T J Florist & Gifts	7992	A Amador Valley Blvd	Retail Store	2011/12
Dublin Trophy House	7030	Village Parkway	Retail Store	2011/12
Lawrence Gallery & Frame	7079	Village Parkway	Retail Store	2011/12
Red Wing Shoe Store	6743	Dublin Blvd 27	Retail Store	2011/12
Bassett Furniture Direct of Dublin	7575	Dublin Blvd	Retail Store	2011/12
Your Safety Place, Inc	7197	Village Parkway	Retail Store	2011/12
The Sherwin Williams Co.	6309	Dougherty Rd	Retail/Wholesale	2011/12
American Service Network	11828	Dublin Blvd J	Service/Misc	2011/12
Welcome Home Staging & Design	6938	Sierra Ct	Equip & Material Storage	2011/12
Audio-Visual Management Services	6735	Sierra St Ste A	Equip & Material Storage	2011/12
Ulferts Furniture, Inc.	4288	Dublin Blvd 210-211	Retail Store	2011/12
PARK WEST LANDSCAPE	6971	SIERRA CT	GARDENER	2011/12
SPRINGFIELD MONTESSORI SCHOOL	5100	BRANNIGAN ST	DAY CARE CENTER	2011/12
BRIGHT HORIZONS AT DUBLIN	7035	DUBLIN BLVD	DAY CARE CENTER	2011/12
DUBLIN RANCH DENTAL	3704	DUBLIN BLVD	MEDICAL/DENTAL	2011/12
G & J JONES ENTERPRISE	6747	SIERRA CT STE K	RESEARCH & DEVELOPMENT	2011/12
Eagle Shield, Inc.	6250	Village Parkway	Retail	2012/13
Dress Barn Inc #647	4860	Dublin Blvd	Retail Store	2012/13
Shoe Pavillion	4870	Dublmi Blvd	Retail Store	2012/13
Big 5 Sporting Goods	6750	Amador Plaza Rd	Retail Store	2012/13
Any Mountain LTD	4906	Dublin Blvd	Retail Store	2012/13
Pier 1 Imports #0450	4976	Dublin Blvd	Retail Store	2012/13
Marshalls of CA, LLC	7896	Dublin Blvd	Retail Store	2012/13
Sybase, Inc.	1 & 3	Sybase Drive	Office	2012/13
Amador Valley Coffee and Vending	6978	Sierra Ct	Warehousing/Storage	2012/13
P S Orangeco Inc	7420	San Ramon Rd	Warehousing/Storage	2012/13
Technology Integration Group T	6761	Sierra Court G	Warehousing/Storage	2012/13
Lamps Plus-Centennial, Inc.	7104	Village Parkway	Warehousing/Storage	2012/13
Modern Kitchen & Bath Supply	6303	Sierra Court	Warehousing/Storage	2012/13
Global Star Design	6785	Sierra Ct Ste D	Wholesale	2012/13
Cal-Steam, A Wolseley Company	6800	Sierra Ct G	Wholesale	2012/13
Golden State Flooring	6805	Sierra Ct C	Wholesale	2012/13
Tom Duffy Co.	6905	Serra Ct A	Wholesale	2012/13
Elegant & Natural Kosmetics	7141	Dublin Blvd	Wholesale	2012/13
Cars on Net	6417	Golden Gate Dr	Auto Vehicle Brokerage	2012/13
Harris Auto Office	6990	Village Parkway 207	Auto Vehicle Brokerage	2012/13
Deals on Wheels Automotive Ind	7000	Village Parkway Ste 3	Auto Vehicle Brokerage	2012/13
PERFECT THREADING	4550	DUBLIN BLVD	RETAIL STORE	2012/13
RUMI BOOKSTORE	6398	DOUGHERTY RD	BOOKSTORE	2012/13
JC OPTICS INC	4540	DUBLIN BLVD	OPTICAL	2012/13
ULFERTS FURNITURE INC	4288	DUBLIN BLVD SE 103	RETAIL STORE	2012/13
EURO WALK RSW SHOE GROUP INC	7802	DUBLIN BLVD	RETAIL STORE	2012/13
JPMORGAN CHASE BANK, N.A.	7600	DUBLIN BLVD	BANKS AND FINANCIAL	2012/13
PRETTY IN PINK	7102	DUBLIN BLVD	RETAIL STORE	2012/13
Trader J's Cards & Comics	7293	Village Parkway	Retail Store	2012/13
Public Storage Inc	7420	San Ramon Road	Warehousing/Storage	2012/13
Dublin Creek Kennels	6570	Dolan Way	Animal Care/Boarding	2012/13
Parkway Veterinary hospital	6851	Village Parkway	Animal Care/Boarding	2012/13
Vetcare	7660	Amador Valley Blvd	Animal Care/Boarding	2012/13
CORWOOD CAR WASH	6973	VILLAGE PKWY	Auto Miscellaneous	2012/13
Edge Motorworks, Inc.	6443	Golden Gate Drive	Auto Miscellaneous	2012/13
KASSABIAN MOTORS	6032	DOUGHERTY ROAD	Auto Miscellaneous	2012/13
Allen's Automotive & Towing	6920	Village Pkwy	Auto Repair and Service	2012/13
America's Tire Company	6450	Dublin Blvd	Auto Repair and Service	2012/13
Ashton Auto Service	6743	Dublin Blvd	Auto Repair and Service	2012/13
B & S Hacienda Auto Body	5787	Scarlett Ct	Auto Repair and Service	2012/13
Bacchus Jaguar Service	6449	Golden Gate Dr	Auto Repair and Service	2012/13
Car Tek	6008	Dougherty Rd	Auto Repair and Service	2012/13
Discount Smog Check Center	6055	Dougherty Rd	Auto Repair and Service	2012/13

DUBLIN AUTO	6429	GOLDEN GATE DR	Auto Repair and Service	2012/13
Minute Muffler Service	6743	Dublin Blvd.	Auto Repair and Service	2012/13
Parkway Body Shop II	7130	Village Pkwy	Auto Repair and Service	2012/13
SMOG STATION	6355	SCARLETT CT #2	Auto Repair and Service	2012/13
TRI-VALLEY MUFFLER	6437	GOLDEN GATE DR	Auto Repair and Service	2012/13
Caledonian Building Service, Inc.	6908	Sierra Ct B	Contractor	2012/13
CROW CANYON CLEANERS	7272	SAN RAMON RD	Dry Cleaners	2012/13
Hacienda Cleaners	4560	Dublin Blvd.	Dry Cleaners	2012/13
United Rentals Northwest, Inc	6457	Dublin Ct	Equip& Material Storage	2012/13
Microchip Biotechnologies, Inc.	6693	Sierra Ln Ste F	Industrial-Light	2012/13
Verticle, Inc.	6955	Sierra Ct 202	Industrial-Light	2012/13
Eksigent Technologies, LLC	5875	Arnold Dr 300	Industrial-Light	2012/13
Tap Plastics	7176	Regional St	Manufacturing	2012/13
Centerline Precision, T B I.	6355	Scarlett Ct 4, 5 & 6	Manufacturing	2012/13
Micro Dental Laboratories	5601	Arnold Road	Medical/Dental Laboratory	2012/13
CASH & GO	7301	VILLAGE PKWY	Miscellaneous	2012/13
La Quinta	6275	Dublin Blvd	Miscellaneous	2012/13
LESLIE'S SWIMMING POOL SUPPLY	6743	Dublin Blvd	Miscellaneous	2012/13
Schucks Car Wash/Dent Extractors	7925	Dublin Blvd.	Mobile Cleaners	2012/13
Dublin Cyclery	7001	Dublin Blvd	Retail	2012/13
Ross Dress for Less	7886	Dublin Blvd	Retail	2012/13
T J Maxx	4840	Dublin Blvd	Retail	2012/13
Babies "r" Us	4990	Dublin Blvd	Retail Store	2012/13
Soccer Pro	6635	Dublin BLvd Ste F	Retail Store	2012/13
M & S Gifts	7080	Donlon Way 126	Retail Store	2012/13
Pacific Electronics & Communication	7007	Dublin Blvd	Retail Store	2012/13
Dublin Jewelers	7447	Amador Valley Blvd	Retail Store	2012/13
Livermore Cyclery Inc	7214	San Ramon Rd	Retail Store	2012/13
Barbeques Galore	4978	Dublin Blvd	Retail Store	2012/13
Gamestop #892	4920	Dublin Blvd	Retail Store	2012/13
Anderson's TV	7590	Amador Valley Blvd	Retail Store	2012/13
Aquarium Concepts, Inc.	6920	Amador Plaza Road	Retail Store	2012/13
Barnes & Noble Booksellers	4972	Dublin Blvd	Retail Store	2012/13
Bed Bath & Beyond	4882	Dublin Blvd	Retail Store	2012/13
Best Buy Stores L. P. #134	4820	Dublin Blvd	Retail Store	2012/13
Cosmoprof #9358	7151	Amador Plaza Road	Retail Store	2012/13
Lowe's HIW, Inc. #2273	3750	Dublin Blvd	Retail Store	2012/13
Old Navy Clothing Co #5975	4962	Dublin Blvd	Retail Store	2012/13
Party City	4922	Dublin Blvd	Retail Store	2012/13
Pool Patio & more	6175	Dublin Blvd	Retail Store	2012/13
White Cap Construction Supply	6337	Scarlett Ct	Retail Store	2012/13
Horizon Distributors, Inc.	7144	Regional St	Retail/Garden Supply	2012/13
The Luggage Center	7908	Dublin Blvd	Retail/Manufacturing	2012/13
DUBLIN SEWING CENTER	7367	VILLAGE PKWY	Retail/Wholesale	2012/13
HEATH'S WELDING SUPPLY	6743	DUBLIN BLVD	Retail/Wholesale	2012/13
KELLY MOORE PAINT CO. INC.	7303	VILLAGE PKWY	Retail/Wholesale	2012/13
Longs Drug Store #495	7201	Regional St	Retail/Wholesale	2012/13
Orchard Supply Hardware	7884	Dublin Blvd	Retail/Wholesale	2012/13
SAV ON SUPPLIES	6398	DOUGHERTY ROAD	Retail/Wholesale	2012/13
Ewing Irrigation Products	6640	Sierra Lane	Service/Misc	2012/13
L-3 Communications	6780	Sierra Ct R	Service/Misc	2012/13
Twisted Pair Ecomm Solutions	6850	Regional St 100	Service/Misc	2012/13
Callahan Tile & Stone	6800	Sierra Ct Ste Q	Warehousing/Storage	2012/13
Integrated Resources Group, Inc.	6800	Sierra Ct Ste A	Warehousing/Storage	2012/13
Fischer Industrial Finishing Systems	6761	Sierra Ct Ste F	Warehousing/Storage	2012/13
Shamrock Office Solutions	6908	Sierra Ct Ste A	Warehousing/Storage	2012/13
Pacific Signaling Systems	6491	Sierra Lane	Warehousing/Storage	2012/13
Tile Setters Toy Store	6800	Sierra Ct Ste C	Wholesale	2012/13
Advantec M F S, Inc.	6723	Sierra Ct Ste A	Wholesale	2012/13
The Outlet Always in Stock, Dublin	6355	Scarlett Ct Ste 7	Wholesale	2012/13
Pecko Trading	6780	Sierra Ct Ste N	Wholesale	2012/13

Digiway International Co., Inc.	6427	Golden Gate Dr	Wholesale	2012/13
Air Cold Supply	6780	Sierra Ct, Ste Q	Wholesale	2012/13
All Smogs Test Only Center, Inc.	7034	Village Pkwy	Auto Repair and Service	2012/13
A Creative Playschool	6837	Amador Valley Blvd		2012/13
Advantage Automotive	6423	Golden Gate Dr	Auto Repair and Service	2012/13
Tom Walsh's Dublin Auto	6429	Golden Gate Dr	Auto Repair and Service	2012/13
The Frame Company	7038	Village Parkway	Retail/Wholesale	2013/14
Video Wine Party	7373A	Village Pkwy	Retail/Wholesale	2013/14
Dublin Self Service Car Wash	7080	Village Pkwy	Mobile Cleaners	2013/14
Dublin S.R. Service Dist.	7051	Dublin Blvd	Municipal/Schools	2013/14
GRAYBAR ELECTRIC CO., INC	11505	DUBLIN BLVD U 1	WHOLESALE	2013/14
HEALTHY PRACTICES INC	7950	DUBLIN BLVD 303	INTERNET	2013/14
INTRIGUE	7446	SAN RAMON RD	PROFESSIONAL	2013/14
JIAN YU HE LAC	7567	AMADOR V B 305	ACCUPUNCTURE/ACCUPRES	2013/14
PARKWAY BODY SHOP	7112	VILLAGE PKWY	Auto Repair and Service	2013/14
Dublin Chevron	7007	San Ramon Rd	Auto Gas/Fueling Stations	2013/14
DUBLIN SHELL FOOD MART	11989	Dublin Blvd	Auto Gas/Fueling Stations	2013/14
Shell @ Hacienda Crossings	4895	Dublin Blvd	Auto Gas/Fueling Stations	2013/14
Dublin Valero	7840	Amador Valley Blvd.	Auto Gas/Fueling Stations	2013/14
ARCO AM PM MINI MART	7249	VILLAGE PKWY	Auto Gas/Fueling Stations	2013/14
Dougherty Road Shell	5933	Dougherty Rd	Auto Gas/Fueling Stations	2013/14
Kragen Auto Parts	5945	Dougherty	Auto Miscellaneous	2013/14
United Car Stereo	7395	Village Pkwy	Auto Miscellaneous	2013/14
Alameda County Auction	6438	Sierra Ct.	Auto Miscellaneous	2013/14
Tires By Wheel Works	7100	Regional St	Auto Miscellaneous	2013/14
MIDAS MUFFLER	6955	VILLAGE PARKWAY	Auto Repair and Service	2013/14
Ry Nck Tire & Brake Inc	6028	Dougherty Rd	Auto Repair and Service	2013/14
BIG O TIRES #7	7121	DUBLIN BLVD	Auto Repair and Service	2013/14
OIL CHANGERS	7194	VILLAGE PKWY	Auto Repair and Service	2013/14
Dublin Glass Company	6743	Dublin Blvd	Auto Repair and Service	2013/14
Hacienda Auto Glass	5787	Scarlett Ct.	Auto Repair and Service	2013/14
Tri-Valley Towing	6355	Scarlett Ct.	Auto Repair and Service	2013/14
A A A Glass	7047	Village Parkway	Auto Vehicle Repair & Svc	2013/14
Tri-Valley Buick-Pontiac-GMC	4400	John Monego Ct	Auto Vehicle Repair & Svc	2013/14
Dublin Volkswagen	6085	Scarlett Ct	Auto Vehicle Repair & Svc	2013/14
Harvey's Cleaners & Laundry	6797	Dublin Blvd.	Dry Cleaners	2013/14
Moffitt, Inc.	6632	Spruce Lane	Dry Cleaners	2013/14
New India Bazar	4552	Dublin Blvd	Grocery Store	2013/14
Roofline Services Company	6291	Sierra Ct	Industrial-Light	2013/14
Northern California T.P.G. Inc.	6759	Sierra Ct Ste C	Industrial-Light	2013/14
HMS Air Conditioning & Heating	11860	Dublin Blvd	Industrial-Light	2013/14
Fitness 2000	7373	Village Pkwy	Miscellaneous	2013/14
Goodwill Industries	7232	Regional St	Miscellaneous	2013/14
west coast beauty supply-Cosmo Pros	7011	Dublin Blvd.	Miscellaneous	2013/14
U Haul	6265	Scarlett Ct	Outdoor Storage/Vehicles	2013/14
The Blueprint Shop	9135	Dublin Blvd	Printing	2013/14
Peri Formwork Systems	6701	Sierra Blvd	Printing	2013/14
P & J international Recycling Corporation	6670	Amador Plaza Drive 100	Recycling Center	2013/14
Target	7200	Amador Valley Blvd	Retail	2013/14
Petsmart	6960	Amador Plz	Retail Store	2013/14
Burlington Coat Factory #369	6900	Amador Plaza Road	Retail Store	2013/14
California Custom Carpet	6815	Dublin Blvd	Retail/Wholesale	2013/14
Dublin Floral Design	7460	San Ramon Rd.	Retail/Wholesale	2013/14
Dublin Pool & Spa Center	6851	Dublin Blvd	Retail/Wholesale	2013/14
Music Exchange	7704	Dublin blvd	Retail/Wholesale	2013/14
PETCO ANIMAL SUPPLIES	11976	DUBLIN	Retail/Wholesale	2013/14
Runzo's music	7017	Village Pkwy	Retail/Wholesale	2013/14
Appliance Parts Distributors	6843	Dublin Blvd	Retail/Wholesale	2013/14
Safeway Inc. #1932	4440	Tassajara Road	Retail/Wholesale	2013/14
Dublin Autoworks	6351	Dublin Blvd	Auto Repair and Service	2013/14
Union 76	6400	Dublin Blvd	Auto Gas/Fueling Stations	2014/15

Wood Maker	7054	Village Parkway	Retail Store	2014/15
Hertlein Guitars (aka Music Unlimited)	6851	Dublin Blvd	Retail Store	2014/15
Safeway Inc. #1953	7499	Dublin Blvd	Retail/Wholesale	2014/15
Tri-Valley Buick-Pontiac-GMC	4400	John Monego Ct	Auto Vehicle Repair & Svc	2014/15
East Bay Iceland, Inc	7212	San Ramon Rd	Miscellaneous	2014/15
little kids learning center	11760	Dublin Blvd	Municipal/Schools	2014/15
Safeway Inc. #1932	4440	Tassajara Road	Retail/Wholesale	2014/15
Dublin Autoworks	6351	Dublin Blvd	Auto Repair and Service	2014/15
Alcosta Shell	8999	SAN RAMON RD	Auto Gas/Fueling Stations	2014/15
Dublin 76 #2705748	6401	DUBLIN BLVD	Auto Gas/Fueling Stations	2014/15
Dublin Auto Wash and Station	7240	Dublin Blvd.	Auto Gas/Fueling Stations	2014/15
CA Fuel Supply (Dublin Union 76)	7850	Amador Valley Blvd.	Auto Gas/Fueling Stations	2014/15
Automotive Consultants lft msg	6225	Dublin Blvd.	Auto Repair and Service	2014/15
COOKS COLLISION OF DUBLIN	6091	DUBLIN BLVD	Auto Repair and Service	2014/15
MAGNUSSEN'S CAR WEST AUTO BODY	6077	DUBLIN BLVD	Auto Repair and Service	2014/15
BARTONI'S AUTO BODY SHOP	6409	GOLDEN GATE DR	Auto Repair and Service	2014/15
A-1 UPHOLSTERY	6398	DOUGHERTY ROAD	Auto Repair and Service	2014/15
All Smogs Test Only Center, Inc.	7034	Village Pkwy	Auto Repair and Service	2014/15
Keith's Autobahn	6398	Dougherty Road	Auto Repair and Service	2014/15
BROADWAY motors & MUFFLER	7140	VILLAGE PKWY	Auto Repair and Service	2014/15
Dublin Auto Body	6872	VILLAGE PKWY	Auto Repair and Service	2014/15
DUBLIN TRANSMISSION SPECIALIST	6878	VILLAGE PKWY	Auto Repair and Service	2014/15
ELBY'S MACHINE SHOP	6886	VILLAGE PKWY	Auto Repair and Service	2014/15
JOHN'S EUROPEAN AUTO SERVICE	6295	DOUGHERTY ROAD	Auto Repair and Service	2014/15
Stoneridge Chrysler-Jeep Dodge	6701	Amador Plaza Road	Automobile Storage Lot	2014/15
Dublin Nissan	5510	Scarlett Dr	Automobile Storage Lot	2014/15
Dublin Toyota	6450	Dublin Ct.	Automotive Miscellaneous	2014/15
T & C AUTOWHOLESALE & DETAIL	6398	DOUGHERTY RD #40	Automotive Miscellaneous	2014/15
Dublin Honda	6300	Dublin Blvd	Automotive Miscellaneous	2014/15
Kobold's Supply	6005	Scarlett Ct A	Building Materials/Retail	2014/15
D&B Mgmt (fka) Lange Enterprises Inc	6500	Dublin Blvd 202	Commercial Property	2014/15
DRY CLEAN ONE HOUR	7257	REGIONAL ST	Dry Cleaners	2014/15
One Hour Cleaners	6622	Dublin Blvd	Dry Cleaners	2014/15
A P N A Bazar	7992	Amador Valley Blvd	Food Store	2014/15
Namaste Plaza	6604	Dublin Blvd	Grocery Store	2014/15
Hyatt Place - Amerisuites	4950	Hacienda Drive	Hotel/Motel	2014/15
Marcor Remediation, Inc	6644	Sierra lane	Industrial-Light	2014/15
Ness Motorcycles, LLC	6050	Dublin Blvd	Industrial-Light	2014/15
Carpet Wizardry/ A Better Restoration	6575	Trinity Court E	Miscellaneous	2014/15
Hair Quarters	7059	Village Pkwy	Miscellaneous	2014/15
Maly's	7740	Dublin Blvd	Miscellaneous	2014/15
Ironhorse Trail	6233	Dougherty Rd	Miscellaneous	2014/15
Bank of the West	7533	Dublin Blvd	Miscellaneous	2014/15
Good Nails	8945	San Ramon Rd	Miscellaneous	2014/15
Supercuts #9863	6851	Amador Plz. Rd	Miscellaneous	2014/15
Dublin Alteration	7005	Village Pkwy	Miscellaneous	2014/15
Acclaim Print and Copy Center	7106	Dublin Blvd	Printing	2014/15
B.Y.O.G.	6918	Sierra Ct	Printing	2014/15
James Allyn Printing Co. Inc.	6575	Trinity Ct B	Printing	2014/15
Minutemen Press of Dublin	6735	Sierra Ct C&D	Printing/Blueprinting	2014/15
Valent U S A Corporation	6560	Trinity Ct B	R & D lab	2014/15
Tomra Pacific, inc	7333	Regional St	Recycling Center	2014/15
Cal West Service, Inc	6405	Golden Gate Dr	Repair	2014/15
Dublin Carpet Center	7042	Village Pkwy	Retail/Wholesale	2014/15
Safeway Inc. #1953	7499	Dublin Blvd	Retail/Wholesale	2014/15
Jo-Ann Fabric and Craft Stores #17	7193	Regional St	Retail	2014/15
Aaron Brothers Inc #18	7151	Regional St	Retail	2014/15
World of Shoes inc	7871	Amador Valley Blvd	Retail	2014/15
Toys R Us	6850	Amador Valley Blvd	Retail	2014/15
IBEW	6250	Village Parkway	Personal Service	2014/15
Payless Shoesource 3058	7150	Regional St	Retail	2014/15

Signfast, Inc	7660	Amador Valley Blvd	Retail	2014/15
Dr. Beenz (was Mika's Espresso)	7377	Amador Valley Blvd	Retail Food Services	2014/15
City of Dublin Corp Yard	5600	Scarlett Ct.	Transportation/Corporation	2014/15
M C E Corp	6515	Trinity Court	Transportation/Corporation	2014/15
Caldeira Refinishing Co.	6425	Golden Gate Dr	Warehousing/Storage	2014/15
Baker Distributing Company	6800	Sierra Ct N	Wholesale	2014/15
Certified Products & Hardware, Inc	6313	Sierra Ct	Wholesale	2014/15
Sahara Market	6783	Dublin Blvd	Food Store	2014/15
KANLER'S FORDS/CHRYSLER/MERCEDES Werkstatt	6117	DOUGHERTY RD	Auto Repair and Service	2014/15
B & B Motorsports	6310	Houston Place Ste A	Automotive Miscellaneous	2014/15
CAL BAY EXPRESS	7950	DUBLIN BLVD SE 206	MAIL ORDER	2014/15
CHABOT-LAS POSITAS COMMUNITY	7600	DUBLIN BLVD SE 102	PUBLIC SCHOOLS	2014/15
WE CARE DENTAL PRACTICE OF DR	8935	SAN RAMON RD	MEDICAL/DENTAL	2014/15
COTTAGE HOME HEALTH INC.	580	EXECUTIVE CTR 200	HEALTH SERVICES / CLINICS	2014/15
CRAIG DANO DC	7567	AMADOR V B 305	MEDICAL	2014/15
CREATABILITY LLC	11501	DUBLIN BLVD SE 200	INTERNET	2014/15
CALPINE CORPORATION	4160	DUBLIN BLVD SE 100	BUSINESS SERVICES	2014/15
CALYPSO SOFTWARE	6500	DUBLIN BLVD S 200A	CONSULTING	2014/15
CASH & CARRY RESTAURANT & PAPER	6800	SIERRA CT	RETAIL - GENERAL	2014/15
CAL BAY EXPRESS	7950	DUBLIN BLVD SE 206	MAIL ORDER	2014/15
LFG LENDING CORPORATION	11875	DUBLIN BLVD B129	BANKS AND FINANCIAL	2014/15
MACROREAL	4288	DUBLIN BLVD 212	REAL ESTATE	2014/15
MIND MATTERS LLC	7080	DONLON WAY 104	HEALTH SERVICES / CLINICS	2014/15
BRAZILIAN HAIR ONLY	7444	SAN RAMON RD	APPAREL/ACCESSORIES	2014/15
COMBAT SPORTS ACADEMY LLC	7100	VILLAGE PKWY	PERSONAL SERVICE	2014/15
CONCORD FEED & FUEL INC	7100	DUBLIN BLVD	RETAIL STORE	2014/15
DB SHOE CO, LLC	4870	DUBLIN BLVD	RETAIL STORE	2014/15
ELEMENT SPA LLC	4288	DUBLIN BLVD SE 203	MASSAGE ESTABLISHMENT	2014/15
FRIENDS DAY SPA	7135	DUBLIN BLVD	MASSAGE ESTABLISHMENT	2014/15
GENTLEMEN'S HEADQUARTERS	4400	TASSAJARA RD SE B	SERVICE, MISCELLANEOUS	2014/15
LFG LENDING CORPORATION	11875	DUBLIN BLVD B129	BANKS AND FINANCIAL	2014/15
LUXOR NAILS AND SPA	6599	DUBLIN BLVD	COSMETOLOGY	2014/15
JTECH SOLUTIONS INC	11875	DUBLIN BLVD	WHOLESALE	2014/15
NATURAL HEALTH CARE CENTER	7151	AMADOR PLAZA RD	ACCUPUNCTURE/ACCUPRES	2014/15
NV ORTHODONTICS	6799	DUBLIN BLVD	MEDICAL/DENTAL	2014/15
PRESTIGE FINANCIAL GROUP	11740	DUBLIN BLVD 200	RESIDENTIAL ACCOUNTING	2014/15
RESTORE SMILES DENTAL	6990	VILLAGE PKWY 210	MEDICAL/DENTAL	2014/15
SABBE & ASSOCIATES INC	7027	VILLAGE PKWY	INSURANCE	2014/15
SEED 2 SPROUT LEARNING CENTER -	4288	DUBLIN BLVD 206	PUBLIC SCHOOLS	2014/15
SUTTER EAST BAY MEDICAL	4000	DUBLIN BLVD 320	NON-PROFIT ORGANIZATION	2014/15
UNITED LENDING PARTNERS INC	11750	DUBLIN BLVD 204	UNDEFINED	2014/15
WORLD ALTERNATIVE MEDICINE	7206	REGIONAL ST	HEALTH SERVICES / CLINICS	2014/15
XOLARGY	11501	DUBLIN BLVD 200	SERVICE, MISCELLANEOUS	2014/15
MINA SKOUTELAKIS, L M F T	11750	DUBLIN BLVD 200	OFFICE-	2014/15
LIFT XL LLC	6850	REGIONAL ST 210	OFFICE-	2014/15
QUALITY UNIVERSITY INC	11844	DUBLIN BLVD C	OFFICE	2014/15
RKS MARKETING & WEB DESIGN	7950	DUBLIN BLVD 303	OFFICE-	2014/15
WORRALL CHIROPRACTIC	7567	AMADOR VALLEY	OFFICE	2014/15
WM A BARRON CO.	6690	AMADOR PLAZA RD	OFFICE-	2014/15
The Plumbery Inc	6694-A	Amador Plaza Rd	Retail Store	2015/16
A+ Cleaners	6851	Amador Plz. Rd	Dry Cleaners	2015/16
Video Only	6920	Amador Plz. Rd	Retail/Wholesale	2015/16
Gentle Care Veterinary Hospital	6960	Amador Plaza Rd	Animal Sales and Svcs	2015/16
Tri Valley Animal Emergency Center	7111	Amador Plaza Road	Animal Sales and Svcs	2015/16
Custom Fireplace Patio & Spa	7111	Amador Plaza Rd	Retail	2015/16
Veterinary Medical Specialists	7121	Amador Plaza Road	Animal Sales and Svcs	2015/16
Dublin Veterinary Hospital	7410	Amador Valley Blvd	Animal Care/Boarding	2015/16
Comic Ink	7980	Amador Valley Blvd	Retail Store	2015/16
Big Lots #4281	7991	Amador Valley Blvd	Retail	2015/16
Microdental Labs	5601	Arnold Rd	Office	2015/16
Caspain Auto Care	6465	Clark	Auto Repair and Service	2015/16

Mustang Parts House	6465	Clark Ave B	Retail	2015/16
Fire Station #16	7494	DONOHUE DRIVE	Auto Gas/Fueling Stations	2015/16
Tria Beauty, Inc.	4160	Dublin Blvd	Manufacturing	2015/16
Bahaar Market Inc.	4288	Dublin Blvd Ste 119	Retail-General	2015/16
Chung Chou City, Inc. #7	4288	Dublin Blvd 119	Retail- General	2015/16
Chase Bank	4520	Dublin Blvd	BANKS AND FINANCIAL SERVI	2015/16
Dublin Corners Dental	4530	Dublin Blvd	Dental Offices	2015/16
Site for Sore Eyes	4540	Dublin Blvd	Retail- General	2015/16
Nothing Bundt Cakes	6601	Dublin Blvd	Retail- General	2015/16
All Creatures Veterinary	6612	Dublin Blvd	Animal Care/Boarding	2015/16
Sign Pro	6616	Dublin Blvd	Miscellaneous	2015/16
Carpeteria	6632	Dublin Blvd	Retail/Wholesale	2015/16
Captain Aqua's Full Service Dive Shop	6715	DUBLIN BLVD	Automotive Miscellaneous	2015/16
Amador valley exercise equip	6777	Dublin Blvd	Miscellaneous	2015/16
Airgas N C N inc.	6849	DUBLIN BLVD	Auto Gas/Fueling Stations	2015/16
PARK AVENUE CLEANERS	7104	DUBLIN BLVD	Dry Cleaners	2015/16
Rahma Mediterranean Market	7108	Dublin Blvd	Retail- General	2015/16
Thomasville	7460	Dublin Blvd	Retail/Wholesale	2015/16
Mancini's sleepworld	7850	Dublin Blvd.	Retail/Wholesale	2015/16
California Shine Co.	7925	Dublin Blvd	Carwash	2015/16
B&B Motorsports	6430	Dublin Ct.	Auto/Vehicle Brokerage	2015/16
La Mesa RV Center	6450	Dublin Ct.	Auto/Vehicle Brokerage	2015/16
Tri Valley S. P. C. A.	4651	Gleason Dr	Animal Keeping	2015/16
360 Auto Body	6415	Golden Gate Dr	Auto/Vehicle Repair	2015/16
Specialty European	6433	Golden Gate Dr	Auto/Vehicle Repair	2015/16
A Perfect Smog	6447	Golden Gate Dr	Service Station	2015/16
D H L Express (USA)	6700	Golden Gate	Transportation/Corporation	2015/16
Carl Zeiss Meditec	5160	Hacienda Dr	Office	2015/16
Armstrong Garden Center, Inc.	7360	San Ramon Road	Plant Nursery	2015/16
The Liquors	8941	San Ramon Rd	Retail/Wholesale	2015/16
Dublin Security Storage	6005	Scarlett Ct	Warehousing/Storage	2015/16
Dublin Hyundai	6015	Scarlett Ct	Auto/Vehicle Brokerage	2015/16
Low Price Auto Glass Inc.	6355	Scarlett Ct Bldg 8	Contractor Specialty	2015/16
St. Raymond's	11555	Shannon Ave	Church	2015/16
Service By Medallion	6473	Sierra lane	Service/Misc	2015/16
Valin Corporation	6509	Sierra Lane	Wholesale/Auto	2015/16
Heating & Cooling Supply	6510	Sierra Ct	Warehousing/Storage	2015/16
The Standard Register Company	6723	Sierra Ct C&D	Printer/Job Printing	2015/16
J. W. Pepper	6735	Sierra Ct E	Industrial-Light	2015/16
LIVERMORE INSTRUMENTS INC	6773	Sierra Ct	MANUFACTURING	2015/16
Sunol Sciences Corp	6780	Sierra Ct R	Industrial-Light	2015/16
Movers Pak-man, Inc.	6759	Sierra Ct Ste A	Industrial-Light	2015/16
American Services Company	6761	Sierra Ct D	Warehousing/Storage	2015/16
TRI-VALLEY TECHNOLOGIES INC	6773	Sierra Ct	MANUFACTURING	2015/16
Tryco Electric, Inc.	6785	Sierra Ct Ste B	Industrial-Light	2015/16
Spiramir Corporation	6780	Sierra Court M	Manufacturing	2015/16
Castle Plastics	6800	Sierra Ct, K	Plastics Material/Wholesale	2015/16
Icee U.S.A Corp	6800	Sierra Ct M	Warehousing/Storage	2015/16
Tempresco Inc	6928	Sierra Ct A	Fire/Wholesale	2015/16
A M P Printing	6955	Sierra Ct	Printer/Job Printing	2015/16
General Pool and Spa Supply	6968	Sierra Ct.	Retail/Wholesale	2015/16
Advanced Nutritional Technology	6988	Sierra Ct	Wholesale	2015/16
Hydec	6450	Trinity Ct	Fluid Valve Manufacturing	2015/16
John Deere Landscapes	6450	Trinity Ct B	Warehousing/Storage	2015/16
Interstate Brands Corp.	6841	VILLAGE PARKWAY	Auto Gas/Fueling Stations	2015/16
Direct Appliance	6842	Village Parkway	Service/Misc	2015/16
Dublin Plumbing Supply	6883	Village Pkwy	Retail/Wholesale	2015/16
Cauchi photography	7063	Village Pkwy	Photo Developing	2015/16
<b>Total Number of Businesses</b>	<b>441</b>			
<b>Grand Total Number of Businesses on the Inspection List</b>		<b>595</b>		

**CITY OF DUBLIN: FY 2011/12 Business Inspection Plan: Attachment 2**

	BUSINESS NAME		ADDRESS	PHONE	STANDARD BUSINESS TYPE
Month	2011/12				
<b>July</b>	Grocery Outlet	7590	Amador Valley Blvd.	829-4282	Grocery Store
	Sushi Q	7335	Village Parkway	803-8550	Restaurant
	E Sushi!	7435	Amador Valley Blvd	551-7799	Restaurant
	Maui-Wowi Dublin	7931	Amador Valley Blvd	833-7400	Restaurant Fast Food
	Doughboy's Donuts	7867	Amador Valley Blvd	829-4774	Restaurant/Fast food
	Bagel Bakery Café	7168	Regional St	829-4442	Restaurant Sitdown
	Popeye's Chicken & Biscuits	7122	Regional St.	803-1320	Restaurants
	China Wall Buffet	7745	Amador Valley Blvd	833-7202	Restaurant Sitdown
	Panera Bread #1121	7030	Amador Plaza Road	829-4401	Restaurant Sitdown
	Chipotle Mexican Grill #1013	7020	Amador Plaza Road	828-4361	Restaurant Sitdown
	Evie's	7138	Village Pkwy	828-1942	Restaurants
	Gallagher's Dublin Pub	7821	Amador Valley Blvd.	828-5996	Retail Food Services
<b>August</b>	Osaka Ramen	4288	Dublin Blvd #118	833-9918	Restaurant Sitdown
	Zoie Café	4288	Dublin Blvd 105	833-1833	Restaurant Sitdown
	Just Koi	4288	Dublin Blvd 120	833-3938	Restaurant Sitdown
	Koi Garden Restaurant	4288	Dublin Blvd 213-217, 218	833-9090	Restaurant Sitdown
	Halu Shabu Shabu, Inc.	4288	Dublin Blvd 110	833-9833	Restaurant Sitdown
	A A Tofu House LLC	4288	Dublin Blvd 116	828-9339	Restaurant Sitdown
	Applebee's	4808	Dublin Blvd	875 0600	Restaurants
	5 Guys Burger	4930	Dublin Blvd. #680	248-2050	Restaurants
	Tutti Frutti	4930	Dublin Blvd. #720	551-7768	Restaurant/Fast food
	Fuzio International Pasta	4930	Dublin Blvd	833-7124	Restaurants
	Quizno's Classic Subs	7112	Dublin Blvd	568-6805	Restaurants
	Tomatina	4590	Dublin Blvd.	803-9997	Restaurants
<b>Sept.</b>	Macaroni Grill	4805	Hacienda Dr.	560-1520	Restaurants
	Mimi's Cafe	4775	Hacienda Dr	714-544-4826	Restaurants
	Cold Stone Creamery/Rocky Mtn Choc	4920	Dublin Blvd	875-1333	Restaurants
	Kee Wah	4288	Dublin Blvd.	408-383-9288	Restaurants
	Old Town Café	4288	Dublin Blvd.	833-8811	Restaurants
	Papa John's Pizza	4588	Dublin Blvd.	803-9909	Restaurants
	Starbucks #1932	4440	Camino Tassajara	551-4710	Restaurants
	Black Angus Steakhouse	4814	Dublin Blvd.	556-9800	Restaurants
	Quizno's Baked Sub	4930	Dublin Blvd	551-0201	Restaurants
	Hacienda Cleaners	4550	Tassajara Rd. D	463-8990	Dry Cleaners
	Pet Food Express	4460	Tassajara Road A	556-1111	Pet services
	Blush	4640	Tassajara Rd.	556-0900	
	City of Dublin Corporation Yard	5600	Scarlett Court		Transportation/Corp Yard
<b>October</b>	Rigatoni's Restaurant	7350	Dublin Blvd	875-1500	Restaurants
	Starbucks #1953	7499	Dublin Blvd	556-4034	Restaurants
	Hexcel Corp				
	Dublin Plaza Dental	7792	Dublin Blvd	833-9806	Dental Offices
	E&J Photo Lab	7748	Dublin Blvd	829-0222	Retail
	A-Z Lawn Mower	8931	San Ramon Rd	875-9616	Retail
	Dublin Dental Care	6851	Amadort Plz	560-9968	Dental Offices
	Geotherm Instrumentation LLC	6354	Clark Ave.	999-9232	Research & Development
	Gary's Auto Electric	6465	Clark	828-1783	Auto Repair and Service
	Chuck E. Cheese	7448	Amador Valley Blvd	803-0101	Restaurant Sitdown
	Sprouts Farmers Markets, LLC	7153	Amador Plaza	307-1172	Grocery Store
	Erik's Deli Café	7603	Amador Valley Blvd	829-1414	Restaurants
	Medina Halal Foods Inc.	7992	Amador Valley Blvd.	556-0101	Grocery Store
<b>Nov.</b>	Smith Glass & Aluminum Co.	7046	Village Pkwy	828-9670	

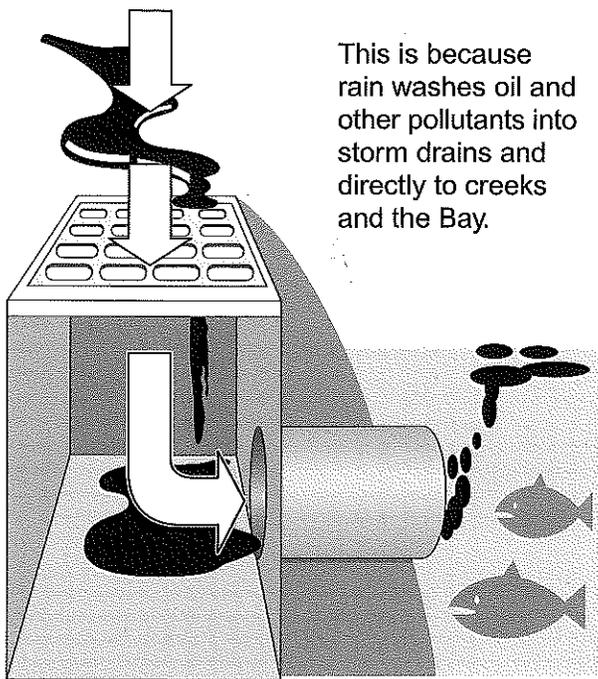
**CITY OF DUBLIN: FY 2011/12 Business Inspection Plan: Attachment 2**

	United Studio Self Defense	7776	Dublin Blvd	803-8773	
	Simply Outrageous Catering	11851	Dublin Blvd	584-9246	Restaurants
	Tokyo Garden Sushi Bar	7499	Dublin Blvd	556-4034	Eating/Drinking Estab.
	Interstate 48 Transportation	11501	Dublin Blvd	558-2777	Service/Misc
	Western Tile Design Center	6890	Village Pkwy	829-5544	Retail/Wholesale
	Blossom Bee Creperies Fusion	7335	Village Pkwy	999-9250	Restaurant/sit-down
	Lexura Service Center	7136	Village Pkwy	828-8890	Auto Repair and Service
	MCB Automotive	7114	Village Pkwy	828-5555	Auto Repair and Service
	Citrus	6830	Village Pkwy	829-7944	Restaurant
	Dold's Workshop	7106	Village Pkwy	828-6238	
	Schuck's Transmission & Clutches	7016	Village Pkwy	828-9699	Auto Repair and Service
	Yogurt Walk	6601	Dublin Blvd. Unit I	551-5353	Restaurant Fast Food
<b>December</b>	El Month R-V Center	6301	Scarlett Ct	510-532-3614	
	Ewaste Direct, Inc.	6005	Scarlett Ct	480-7379	Warehouse/Storage
	Dublin Mazda	5510	Scarlett Ct	452-8000	Auto dealership
	Peacock Dublin Inc.	6608	Dublin Blvd.	829-8398	Restaurant Sitdown
	Enterprise Rent a Car	6867	Dublin Blvd	829-8300	Auto Miscellaneous
	Ray's Auto Service	6985	Dublin Blvd.	829-8272	Auto Repair and Service
	Elby's And Funk's Auto Works	6785	Dublin Blvd	875-0800	Auto Vehicle Repair & Svc
	DeSilva Gates Construction	11555	Dublin Blvd	829-9220	Contractor/Speciality
	Luv My Pet, inc.	11976	Dublin Blvd	(510) 818-1346	Pet services
	Bassett Furniture Direct of Dublin	7575	Dublin Blvd	(516) 347-5802	Retail Store
	Red Wing Shoe Store	6743	Dublin Blvd 27	829-4722	Retail Store
	Western Appliance	7898	Dublin Blvd	556-4426	Retail Store
<b>January</b>	Denica's	6000	Dougherty Rd	829 6200	Restaurants
	Agorra Building Supply	5965	Dougherty Rd	829-2200	Retail
	Quality Tune-up	6053	Dougherty Road	374-2001	Auto Repair and Service
	H & H Pool Services, Inc.	6398	Dougherty Rd 1	828-7665	Service/Misc
	Turbo Spas	6398	Dougherty Rd	829-1400	Retail
	Jeff's Performance Automotive	6398	Dougherty Rd	829-1860	Auto Repair and Service
	Select Imaging	6398	Dougherty Rd	803-1210	Printing
	Stan Hodge and Company	6398	Dougherty Rd	828-2900	Retail
	One Source	6398	Dougherty Rd	479-9199	
	C Mini Mart & Subway	6000	Dougherty Rd	828-0696	Retail Store
	Cali Tint	6055-A	Dougherty Rd	785-9783	Auto Vehicle Repair & Svc
	Moda Auto Lounge	5947	Dougherty Rd	803-1040	Auto/Vehicle Storage Lot
<b>February</b>	Diamond Stone Kitchen & Bath	7197	Village Parkway D	(510) 828-5530	Building Materials/Retail
	Kragen Auto Parts #4045	7100	Regional St	829-0124	Auto Vehicle Repair & Svc
	Batteries Plus-Dublin	7429	Amador Valley Blvd	829-7587	Retail Store
	Full House International Inc.	7265	Regional St.	556-1968	Restaurant/sit-down
	Launderland	7241	Regional St	(510) 487-1153	Dry Cleaners
	V I P Quality Cleaners	7214	Regional St	803-1280	Dry Cleaners
	The Rose Girls Florist & Hydroponics	7081	Village Parkway	551-8068	Florist
	Tri-Valley Bodyworks	6400	Village Parkway E	(510) 551-4949	Medical
	Dublin Trophy House	7030	Village Parkway	828-5520	Retail Store
	Your Safety Place, Inc	7197	Village Parkway	425-3282	Retail Store
	Lawrence Gallery & Frame	7079	Village Parkway	828-5083	Retail Store
	Tandoori Hut	7467	Village Parkway	829-2300	Restaurant Sitdown
<b>March</b>	Machining Unltd.	6398	Dougherty Rd.	803-9570	Construction/Contractor
	L H Voss Materials Inc	5965	Dougherty Rd	846-1414	Construction/Contractor
	Autowerks European Inc.	6310	Houston Place	(510)579-8092	Auto Repair and Service
	Express Discount Smog Check Center	6310	Houston Place C	479-0484	Auto Vehicle Repair & Svc
	Crown Mechanical	6398	Dougherty Rd. #21	551-7686	Industrial
	Gem Kitchen	6398	Dougherty Rd.	828-9020	Manufacturing
	Crawford Sheet Metal	6398	Dougherty Road 6	484-3003	Industrial-Light



## A storm drain dumping violation has been reported in your neighborhood...

State law provides for a maximum penalty of \$10,000 per day for storm drain violations.



This is because rain washes oil and other pollutants into storm drains and directly to creeks and the Bay.

### ...Please Protect Our Creeks and Bay!

CITY OF DUBLIN  
CLEAN WATER PROGRAM



The City of Dublin Municipal Code and the Federal Clean Water Act prohibit discharging any waste in storm drains. Substances that enter storm drains are not treated before reaching the Bay.

Storm drains flow directly to our creeks and the San Francisco Bay!

The substance checked below has been detected in a storm drain near your home or business:

- Motor oil
- Antifreeze
- Grease
- Paint/paint related products
- Construction debris
- Fresh concrete mortar/cement
- Lawn and garden waste
- Pool water (contaminated)
- Pet waste
- Pesticides
- Hazardous chemicals
- Other

\*If you ever notice any unusual substance in or around storm drains, please call (925) 833-6650 immediately. Your anonymity will be respected.

CITY OF DUBLIN  
ENVIRONMENTAL SERVICES  
CLEAN WATER PROGRAM

100 Civic Plaza  
Dublin, CA 94568

**This message was printed on recycled-content paper with post-consumer waste.**

RESOLUTION NO. 57 - 06

A RESOLUTION OF THE CITY COUNCIL  
OF THE CITY OF DUBLIN

\*\*\*\*\*

ESTABLISHING A POLICY ON INTEGRATED PEST MANAGEMENT (IPM)

WHEREAS, the City of Dublin is subject to the terms of the Municipal Storm Water Discharge Permit (CAS0029831Permit) issued by the San Francisco Bay Regional Water Quality Control Board; and

WHEREAS, Provision C 10 c of the Permit requires municipalities to address the impairment of urban streams due to pesticide usage; and

WHEREAS, the City of Dublin has prepared an Integrated Pest Management (IPM) Policy covering the ongoing operation to control and manage pests in and around the City's buildings and facilities, parks, and urban landscape areas; and

WHEREAS, the Policy sets forth guiding principals for the development and implementation of an Integrated Pest Management (IPM) Policy on all City-owned facilities to accomplish the following:

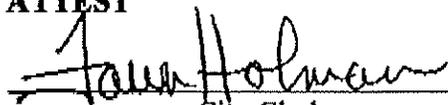
- 1) Minimize pesticide use at City facilities to ensure that the City remains in compliance with the Permit by applying the Integrated Pest Management Policy;
- 2) Reduce the use of broad-spectrum pesticides when feasible;
- 3) Conduct outreach and provide the means of educating all City Staff to create awareness about IPM and the use of alternative pest management techniques;
- 4) Reduce the adverse impacts to water quality (both in local creeks and the San Francisco Bay) due to pesticide usage, particularly from copper-based pesticides, 2-4-d based herbicides, and organophosphate pesticides;

NOW, THEREFORE, BE IT RESOLVED that the City Council of the City of Dublin does hereby establish a policy, attached hereto as Exhibit "A," entitled "Integrated Pest Management (IPM) Policy"

PASSED, APPROVED AND ADOPTED this 2nd day of May, 2006, by the following vote:

AYES	Councilmembers Hildenbrand, McCormick, Oravetz and Zika, and Mayor Lockhart
NOES	None
ABSENT	None
ABSTAIN	None

ATTEST

  
\_\_\_\_\_  
City Clerk

  
\_\_\_\_\_  
Mayor

## **INTEGRATED PEST MANAGEMENT (IPM) POLICY FOR FACILITIES OWNED BY THE CITY OF DUBLIN**

This policy sets forth the guiding principles for the development and implementation of Integrated Pest Management (IPM) on all City facilities. The City of Dublin, including all departments and staff therein, and contractors providing pest control services at City facilities shall follow the City's IPM policy to control and manage pests in and around City buildings and facilities, parks and golf courses, urban landscape areas and rights-of-way

### **Purpose and Goals**

The goals of the IPM policy and its implementation throughout the City are to:

- 1) Minimize pesticide use at City facilities to ensure that the City maintains compliance with its National Pollution Discharge Elimination System (NPDES) Stormwater Permit (Order # R2-2003-0021) requirements.
- 2) Reduce the use of broad-spectrum pesticides, when feasible.
- 3) Outreach and provide means of educating all City staff, creating awareness about IPM and the use of alternative pest management techniques.
- 4) Reduce the adverse impacts to water quality (both in local creeks and the San Francisco Bay) due to pesticide usage, particularly from copper-based pesticides, 2-4-d based herbicides, and organophosphate pesticides.

### **Background**

The National Pollutant Discharge Elimination System (NPDES) permit (Order No. R2-2003-0021) issued by the California Regional Water Quality Control Board (RWQCB) mandates the member agencies of the Alameda Countywide Clearwater Program (ACCWP) to develop and implement an integrated pest management plan to address urban stream impairment by pesticides. In particular, organophosphate-containing pesticides (e.g., Diazinon and chlorpyrifos) have been found to persist in the environment and cause water quality impairment in some creeks, streams, and arroyos throughout Alameda County. The NPDES permit also requires that municipalities implement measures to reduce discharges of copper into the San Francisco Bay.

Using non-chemical controls, biological controls, and less toxic chemicals instead of copper-based and organophosphate pesticides or 2-4-d based herbicides to deal with pest problems, whenever possible, will help reduce the impact of pesticides in local arroyos and the San Francisco Bay.

## **Definitions**

The following definitions are used in this Article:

*National Pollutant Discharge Elimination System (NPDES)* – NPDES permit issued by the Regional Water Quality Control Board (RWQCB) regulates any discharge of storm waters to receiving waters of the United States. The City is currently subject to NPDES Permit No. CAS0029831 issued by order No R2-2003-0021

*Best Management Practices (BMPs)* – Practices implemented by public agencies and private industries to prevent or reduce water pollution.

*California Department of Pesticide Regulations (CDPR)* – CDPR, in partnership with the Federal Environmental Protection Agency (EPA) and the County Department of Agriculture, oversees all issues regarding the registration, licensing and enforcement of laws and regulations pertaining to pesticides and its applications.

*Adjacent* - For the purpose of this Policy, adjacent shall mean the area of flow, and the banks of the ditch, creek or arroyo.

*Pesticides* - Defined in Section 12753 of the California Food and Agricultural Code as any spray adjuvant, or any substance, or mixture of substances, intended to be used for defoliating plants, regulating plant growth, or for preventing, destroying, repelling, or mitigating any pest, as defined in Section 12754 5 (of the Food and Agricultural Code), which may infest or be detrimental to vegetation, man, animals, or households, or be present in any agricultural or nonagricultural environment whatsoever. The term pesticide applies to herbicides, insecticides, fungicides, rodenticides and other substances used to control pests. Anti-microbial agents are not included in this definition of pesticides

*Integrated Pest Management (IPM)* - IPM is the strategic approach that focuses on long-term prevention of pests and the resulting damage from reaching unacceptable levels by selecting and applying the most appropriate combination of available pest control methods. These include cultural, mechanical, biological and chemical technologies that are implemented for a given site and pest situation in ways that minimize economic, health and environmental risks.

*Environmental Stewardship* - The strategic approach to pest management in which IPM practitioners focus on preserving the natural integrity and health of the environment, including public safety, while recommending or applying pest management methods. Environmental Stewardship philosophy helps to create awareness of the BMPs (Best Management Practices) and their relationship to maintaining a healthy environment while conducting pest management activities.

*Biological control* - The use of biological technologies to manage unwanted pests. Examples of this type of control include, but would not be limited to, the use of pheromone traps or beneficial insect release for control of certain types of weeds or invasive insects in landscapes.

*Cultural control* - The use of IPM control methods, such as grazing, re-vegetation, disking, mulching, proper irrigation, seeding, and landscaping, with competitive or tolerant species to manage unwanted weeds, rodents or plant diseases.

*Mechanical controls* - Mechanical controls include the use of IPM control methods utilizing hand labor or equipment such as mowers, graders, weed-eaters, and chainsaws. Other examples of mechanical controls include screens on windows and doors, sticky barriers, vacuuming, crack and crevice sealants and closing small entryways (i.e., around pipes and conduits) into buildings for insect and rodent management.

*Pest Control Advisor (PCA)* - an individual licensed by the California Department of Pesticide Regulations according to Title 3, Article 5 of the California Code of Regulations. A licensed PCA, who is registered with the County Agricultural Commissioner, provides written pest control recommendations for agricultural pest management, including parks, cemeteries, and rights-of-way.

*Qualified Applicators License (QAL)* - a licensed applicator according to Title 3, Article 3 of the California Code of Regulations. This license allows supervision of applications that may include residential, industrial, institutional, landscape, or rights-of-way sites.

*Qualified Applicators Certificate (QAC)* - a certificate given to applicators that pass a test given by DPR. This certificate allows supervision of applications that may include residential, industrial, landscape, or rights-of-way sites.

*Structural Pest Control Operator (SPCO- Branch I, II or III)* - A licensed applicator of pest control within buildings and homes according to the requirements of the Structural Pest Control Board of the California Department of Consumer Affairs.

## **Prevention**

The City of Dublin shall institute practices that reduce pesticide usage and result in the purchase of fewer pesticides whenever practicable and cost-effective, but without compromising safety, workplace quality or quality of service.

The first and most important part of any pest control plan is preventing the conditions that attract pests and result in a pest control problem. All City employees should remember to implement the following housekeeping practices in their workstations, vehicles, break-rooms, etc., in order to prevent the conditions that result in providing a food source and habitat that attract pests:

- 1) Keep workstations/offices free of food scraps. Dispose of food wastes in a garbage container, which is sealed with lid.
- 2) Do not leave food overnight. Refrigerate all food or store in pest-proof containers.
- 3) Regularly wipe and clean counter-top areas and tables where food is prepared or consumed.
- 4) Keep waste storage/dumpster areas clean and free of litter and debris.
- 5) Report pest problems in a timely manner to City Building Maintenance.
- 6) Use Plants with similar water needs in designated areas to help eliminate stress due to improper watering.
- 7) Water landscaped areas properly and use resistant plant varieties
- 8) Pests are symptoms; food sources and habitat are the real problems.

### **Restricted Chemicals**

City of Dublin employees and/or contractors employed by the City who are trained to recommend or apply pesticides shall not use or promote the use of

- 1) Acute Toxicity Category I chemicals as identified by the Environmental Protection Agency (EPA) unless:
  - (i) The use is judicious.
  - (ii) Other approaches and techniques have been considered
  - (iii) Adverse water-quality impacts are minimized to the maximum extent practicable.
- 2) Organophosphate pesticides (e.g., those containing Diazinon and chlorpyrifos)
- 3) Copper-based pesticides unless:
  - (i) The use is judicious.
  - (ii) Other approaches and techniques have been considered
  - (iii) Adverse water-quality impacts are minimized to the maximum extent practicable.

### **Guidelines for Application of Pesticides**

Licensed Pest Control Advisors or individuals with valid Qualified Applicators License and/or Qualified Applicators Certificate will consider the options or alternatives listed below, in the following order, before recommending the use of or applying any pesticide on any City facility:

- 1) No controls (e.g., tolerating the pest infestation, use of resistant plant varieties or allowing normal life cycle of weeds)
- 2) Physical or mechanical controls (e.g., hand labor, mowing, etc.)
- 3) Cultural controls (e.g., mulching, disking, alternative vegetation)
- 4) Biological controls (e.g., natural enemies or predators)
- 5) Reduced-risk chemical controls (e.g., soaps or oils)

City employees, Licensed Pest Management Contractors and other appropriately licensed contractors or individuals (QAL, QAC, SPCO) employed to control or manage pests will follow the City's Integrated Pest Management Policy and utilize generally accepted Best Management Practices (BMPs) to the maximum extent practicable. Pesticide Applicators will use available IPM technologies to ensure the long-term prevention or suppression of pest problems and to minimize negative impacts on the environment, non-target organisms, and human health.

All City departments and employees will promote non-toxic and reduced-risk alternatives for structural and landscape pest control, seeking to use the most up-to-date IPM technologies and Best Management Practices. The City will provide education for City staff who may use pesticides in the scope of their work regarding IPM practices.

New contracts entered into with pest management contractors and other appropriately licensed contractors employed to provide services that involve pesticide application at City-owned facilities after January 1, 2006, will include requirements that the contractors follow the requirements of the City's Integrated Pest Management Policy and implement available IPM technologies and Best Management Practices.

**City of Dublin facilities leaseholders will be informed of the City's IPM Policy, and encouraged to use, whenever practical, available IPM technologies and Best Management Practices.**

### **Pesticide Application**

Only properly trained employees in accordance with the California D.P.R. or licensed contractors employed by the City may apply pesticides to or within City facilities.

City employees who are not authorized and trained in pesticide application are prohibited from using any pesticides, including "over-the-counter brands", in or around the work place. If insects or other pests are infesting a work area, a PCA should be contacted to assess and advise the best method to remove the pests.

City of Dublin employees and/or contractors employed by the City who are trained to recommend or apply pesticides will not use or promote the use of organophosphate pesticides (e.g., those containing Diazinon and chlorpyrifos) or copper-based pesticides unless:

- 1) The use is judicious.
- 2) Other approaches and techniques have been considered.
- 3) Adverse water-quality impacts are minimized to the maximum extent practicable.

Environmental Stewardship must always be taken into consideration when usage of pesticides is recommended. City employees, pest management contractors, and

other appropriately licensed contractors employed by the City of Dublin will follow guidelines set by the IPM Policy to have the least impact on water quality and the environment.

City employees or appropriately licensed contractors employed by the City will always avoid applications of pesticides that directly contact water, unless the pesticide is registered under Federal and California law for aquatic use. Pesticides that are not approved for aquatic use will not be applied to areas immediately adjacent to water bodies where through drift, drainage, or erosion, there is a reasonable possibility of a pesticide being transported into surface water.

### **City Employee and Pest Control Contractor Training for PCA, QAL, QAC or Structural Pest Control Operators**

**(Branch I, II, and III)**

Pest Control Advisors and Applicators, pest management contractors, and other Service Providers, servicing City-owned facilities will be licensed by the State of California Department of Pesticide Regulations (DPR) as a Pest Control Advisor or licensed Qualified Applicator. City employees involved with pesticide applications as a normal part of their job duties and pest management contractors hired by the City will be trained as required by State of California DPR rules, the County Agricultural Commissioner, and/or the Structural Pest Control Board.

City Staff responsible for pest management on City facility will provide annual training to all employees who apply pesticides as a normal part of their job duties on:

1. Pesticide Safety,
2. The City's IPM Policy, and
3. Appropriate Best Management Practices (BMPs) and Integrated Pest Management (IPM) Technologies supported by the Alameda Countywide Clean Water Program (ACCWP).

### **Education and Outreach**

The City of Dublin Clean Water Program, in participation with the Alameda Countywide Clean Water Program, will continue with its existing program to encourage people who live, work, and/or attend school in Dublin to:

1. Obtain information on IPM techniques to control pests and minimize pesticide use;
2. Use IPM technologies for dealing with pest problems;
3. Perform pesticide applications according to the manufacturer's instructions as detailed on the product's label, and in accordance with all applicable State and Local Laws and Regulations set forth to protect the environment, the

public, and the applicator; and properly dispose of unused pesticides and their containers.

### **Reporting Requirements**

Each City department which uses pesticides, pest management contractors, or other appropriately licensed contractors employed by the City to provide services that involve pesticide application will submit an **Annual Pesticide Use Summary Report** for each service site, which details the product name, pesticide type (i.e. Pyrethroid, Carbamate, organophosphate, etc.) along with the total quantity of each pesticide used during the prior Fiscal Year (July 1st to June 30th) in order to provide an accounting of pesticide use at City-owned facilities. **Annual Pesticide Use Summary Reports shall be submitted by July 10<sup>th</sup> of each year to the NPDES Coordinator.** This information is reported as part of the City's NPDES Stormwater Permit Annual Report.

Each City department that applies pesticides will conduct an **Annual Inventory** by **July 10<sup>th</sup>** of each fiscal year. Each City department subject to this requirement will complete an **Annual Inventory Report Form** which lists the product name, pesticide type (i.e. Pyrethroid, Carbamate, organophosphate, etc.) and the quantity on hand, as well as identify pesticides that are no longer legal or appropriate for applications per Federal, State, County, or City requirements. **Annual Inventory Reports shall be submitted by July 10<sup>th</sup> of each year to the NPDES Coordinator.** This information is reported as part of the City's NPDES Stormwater Permit Annual Report.

Annual Inventory Report Forms and Annual Pesticide Use Summary Report Forms are attached to this policy. Additional Forms may be obtained by contacting the NPDES Coordinator in the Public Works Department at 925-833-6630



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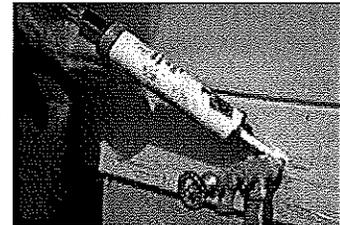
**How to Manage Pests**  
**What is Integrated Pest Management?**

Integrated pest management (IPM) is a strategy that uses environmentally sound, yet effective, ways to keep pests from invading your home, damaging your plants, or annoying you. Successful IPM usually combines several methods for long-term prevention and management of pest problems without harming you, your family, or the environment. In IPM, using pesticides may be an option, but when other nonchemical methods are used first, pesticides are often not needed.

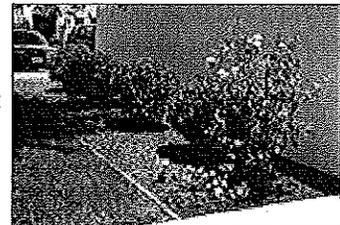
See the official University of California [IPM definition](#).

**Follow these steps to manage pests around your home and garden:**

1. **Identify your pest correctly** to be sure the management method you choose will be effective. If you aren't sure what your pest is, use the [tools](#) on this Web site or contact your local [UC Cooperative Extension Office](#) for help. Find out if the pest is a problem that needs to be controlled and learn about its life cycle and biology.
2. **Determine if there are preventive or nonchemical methods you can use to reduce the problem.** For best results, combine several methods from the following categories:
  - **Prevention:** Prevent pests from invading or building up their populations in the first place. This might include removing the pests' sources of food, water, and shelter, or blocking their access into buildings or plants.
  - **Cultural controls:** Cultural practices are things you can do to discourage pest invasion such as good sanitation, removing debris and infested plant material, proper watering and fertilizing, growing competitive plants, or using pest resistant plants.
  - **Physical or mechanical controls:** Control pests with physical methods or mechanical devices such as knocking pests off of plants with a spray of water, using barriers and traps, cultivating, soil solarization, or heat treatments.
  - **Biological control:** Biological control is the use of beneficial organisms (called [natural enemies](#)) to manage pests. Encourage natural enemies by planting flowering and nectar-producing plants and avoiding the use of broad-spectrum pesticides.
3. **If effective nonchemical methods are not available, consider using pesticides.**
  - **Pesticides** can be part of IPM, but use them only as a last resort and only after you have tried other methods. Be sure that your pest problem is serious enough to warrant a pesticide treatment. Always use the least toxic, yet effective, materials available and use them in ways that reduce human and pet exposure and protect the environment.
  - **Combine pesticide treatments with other preventive methods** to discourage pests from coming back.



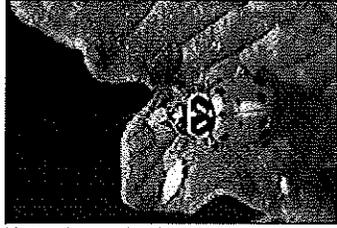
Caulking around openings to your house will exclude and prevent pests from entering.



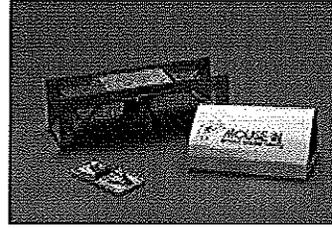
Plant pest-resistant species and always choose a location that meets the conditions a plant needs to thrive (e.g., full sun or shade, soil type, etc.)



Use a forceful spray of water from a garden hose to knock pests such as aphids and whiteflies off sturdy plants.



Natural enemies help keep pest populations in check. Common natural enemies in the garden include lady beetles (above), spiders, parasitic wasps, and minute pirate bugs.



Traps, such as those for mice (above), are mechanical controls to help reduce pest numbers.

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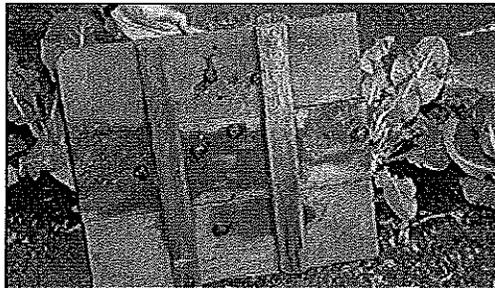
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Integrated pest management (IPM) is an ecosystem-based strategy that focuses on long-term prevention of pests or their damage through a combination of techniques such as biological control, habitat manipulation, modification of cultural practices,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



Remove weeds by hand or with hand tools instead of with herbicides. Use mulches to suppress growth of new weeds.



Use traps, such as this raised board, to trap snails and slugs. Scrape them off daily and destroy.



Apply sticky material to tree trunks to exclude crawling insects such as ants.

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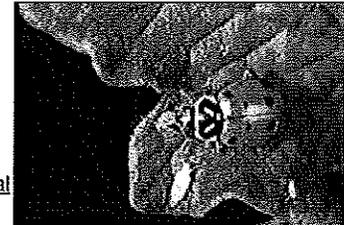
**Biological Control and Natural Enemies**

Published 11/07

In this Guideline:

- [Types of natural enemies](#)
- [Conservation: protect your natural enemies](#)
- [Augmentation](#)
- [Classical biological control or importation](#)
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Biological control is the beneficial action of predators, parasites, pathogens, and competitors in controlling pests and their damage. Biocontrol provided by these living organisms (collectively called "natural enemies") is especially important for reducing the numbers of pest insects and mites (Table 1). Natural enemies also control certain rangeland and wildland weeds, such as Klamath weed (*St. Johnswort*). Plant pathogens, nematodes, and vertebrates also have many natural enemies, but this biological control is often harder to recognize, less-well understood, or more difficult to manage. Conservation, augmentation, and classical biological control (also called importation) are tactics for harnessing the effects of natural enemies.

**Table 1. Some pests and their common natural enemies.**

PESTS	NATURAL ENEMIES					
	Lacewings	Lady beetles	Parasitic flies	Parasitic wasps	Predatory mites	Other groups and examples
aphids	.	.		.		entomopathogenic fungi syrphid fly larvae
carpenterworm, clearwing moth larvae				.		entomopathogenic nematodes
caterpillars (e.g., California oakworm)	.		.	.		<i>Bacillus thuringiensis</i> birds pathogenic fungi and viruses predaceous wasps <i>Trichogramma</i> spp. (egg parasitic wasps) spiders
cottony cushion scale		.	.			<i>Cryptochaelum iceryae</i> (parasitic fly) vedalia beetle
elm leaf beetle			.	.		<i>Erynniopsis antennata</i> (parasitic fly) <i>Oomyzus</i> (= <i>Tetrastichus</i> ) spp. (parasitic wasps)
eucalyptus longhorned borers				.		<i>Avetianella longoi</i> (egg parasitic wasp) <i>Syngaster lepidus</i> (larval parasitic wasp)
eucalyptus redgum lerp psyllid		.		.		<i>Psyllaephagus bliteus</i> (parasitic wasp)
giant whitefly	.	.		.	.	<i>Entedononecramnus krauteri</i> , <i>Encarsiella</i>

						<i>noyesii</i> , and <i>Idioporus affinis</i> (parasitic wasp)
glassy-winged sharpshooter				.		<i>Gonatocerus</i> spp. (egg parasitic wasps)
lace bugs	.	.		.		pirate bugs spiders
mealybugs	.	.		.	.	mealybug destroyer lady beetle
mosquitoes						<i>Bacillus thuringiensis</i> ssp. <i>israelensis</i>
psyllids	.	.		.		pirate bugs
scales	.	.		.	.	<i>Aphytis</i> spp. (armored scale parasites)
slugs, snails				.		<i>Rumina decollata</i> (predatory snail) predaceous ground beetles vertebrates
spider mites	.	.			.	sixspotted thrips. <i>Stethorus picipes</i> (spider mite destroyer lady beetle)
thrips	.				.	predatory thrips
weevils, root or soil-dwelling						<i>Steinernema carpocapsae</i> and <i>Heterorhabditis bacteriophora</i> (entomopathogenic nematodes)

**TYPES OF NATURAL ENEMIES**

Predators, parasites, and pathogens are the primary groups used in biological control of insects. Most parasites and pathogens, and many predators, are highly specialized and attack only one or several closely related pest species. Learn how to recognize natural enemies by consulting resources such as the *Natural Enemies Handbook* and the [Natural Enemies Gallery](#).

**Pathogens**

Pathogens are microorganisms including certain bacteria, fungi, nematodes, protozoa, and viruses that can infect and kill the host. Populations of some aphids, caterpillars, mites, and other invertebrates are sometimes drastically reduced by naturally occurring pathogens, usually under conditions such as prolonged high humidity or dense pest populations. In addition to naturally occurring disease outbreaks, some beneficial pathogens are commercially available as biological or microbial pesticides. These include *Bacillus thuringiensis* or Bt, entomopathogenic nematodes, and granulosis viruses. Additionally, some microorganism by-products such as avermectins and spinosyns are used in certain insecticides, but applying these products is not considered to be biological control.

**Parasites**

A parasite is an organism that lives and feeds in or on a larger host. Insect parasites (more precisely called parasitoids) are smaller than their host and develop inside, or attach to the outside, of the host's body. Often only the immature stage of the parasite feeds on the host, and it kills only one host individual during its development. However, adult females of certain parasites (such as many wasps that attack scales and whiteflies) feed on their hosts, providing an easily overlooked but important source of biological control in addition to the host mortality caused by parasitism.

Most parasitic insects are either flies (Diptera) or wasps (Hymenoptera). Parasitic Hymenoptera occur in over three dozen families. For example, Aphidiinae (a subfamily of Braconidae) attack aphids. *Trichogrammatidae* parasitize insect eggs. Aphelinidae, Encyrtidae, Eulophidae, and Ichneumonidae are other groups of tiny size to medium-sized wasps that parasitize pests but do not sting people. The most common parasitic flies are *Tachinidae*. Adult tachinids often resemble house flies. Their larvae are maggots that feed inside the host.

**Predators**

Insects are important food for many amphibians, birds, mammals, and reptiles. Many beetles, true bugs (Hemiptera or Heteroptera), flies, and lacewings are predators of various pest mites and insects (Table 2). Most spiders feed entirely on insects. Predatory mites that prey primarily on spider mites include *Amblyseius* spp., *Neoseiulus* spp., and the western predatory mite (*Galendromus occidentalis*).

**Table 2. Some important predaceous insects.**

Common name	Examples
-------------	----------

aphid flies	<i>Chamaemyia</i> spp., <i>Leucopis</i> spp.
assassin bugs	<i>Zelus renardii</i>
brown lacewings	<i>Hemerobius</i> spp.
green lacewings	<i>Chrysopa</i> spp., <i>Chrysoperla</i> spp.
ground beetles	<i>Calosoma</i> spp., <i>Calathus</i> spp.
lady beetles	convergent lady beetle, mealybug destroyer, multicolored Asian lady beetle
minute pirate bugs	<i>Orius</i> spp., <i>Anthocoris</i> spp.
predaceous midges (aphid midges)	<i>Aphidoletes aphidimyza</i>
predaceous thrips	black hunter thrips, sixspotted thrips
soldier beetles	<i>Cantharis</i> spp.

**Recognizing Natural Enemies.** Proper identification of pests, and distinguishing pests from their natural enemies, are essential to effectively using biological control. For example, some people may mistake aphid-eating syrphid fly larvae for caterpillars. The adult syrphid, commonly also called a flower fly or hover fly, is sometimes mistaken for a honey bee. Consult publications such as the UC Statewide Integrated Pest Management Program *Pest Notes* series listed in Suggested Reading to learn more about the specific pests and their natural enemies in your gardens and landscapes. Take unfamiliar organisms you find to your Cooperative Extension office or county agriculture commissioner for an expert identification. Carefully observe the creatures on your plants to help discern their activity. For example, to distinguish plant-feeding mites from predaceous mites, observe them on your plants with a good hand lens. Predaceous species appear more active than plant-feeding species. In comparison with pest mites, predaceous mites are often larger and do not occur in large groups.

**CONSERVATION: PROTECT YOUR NATURAL ENEMIES**

Preserve naturally occurring beneficial organisms whenever possible. Most pests are attacked by several different types and species of natural enemies, and their conservation is the primary way to successfully use biological control in gardens and landscapes. Ant control, habitat manipulation, and selective pesticide use are key conservation strategies.

**Pesticide Management**

Broad-spectrum pesticides often kill a higher proportion of predators and parasites than of the pest species they are applied to control. In addition to immediately killing natural enemies that are present (contact toxicity), many pesticides are persistent materials that leave residues that kill natural enemies that migrate in after spraying (residual toxicity). Residues often are toxic to natural enemies long after pests are no longer affected. Even if beneficials survive an application, low levels of pesticide residues can interfere with natural enemies' reproduction and their ability to locate and kill pests.

Biological control's importance often becomes apparent when broad-spectrum, persistent pesticides cause secondary pest outbreaks or pest resurgence. A secondary outbreak of a different species occurs when pesticides applied against a target pest kill natural enemies of other species, causing the formerly innocuous species to become pests. An example is the dramatic increase in spider mite populations that sometimes results after applying a carbamate (e.g., carbaryl or Sevin) or organophosphate (malathion) to control caterpillars or other pests.

Eliminate or reduce the use of broad-spectrum, persistent pesticides whenever possible. Carbamates, organophosphates, and pyrethroids are especially toxic to natural enemies (Table 3). When pesticides are used, apply them in a selective manner. Treat only heavily infested spots instead of entire plants. Choose insecticides that are more specific in the types of invertebrates they kill, such as *Bacillus thuringiensis* (Bt) that kills only caterpillars that eat treated foliage. Rely on insecticides with little or no persistence, including insecticidal soap, horticultural or narrow-range oil, and pyrethrins.

A less-persistent pesticide can result in longer control of the pest in situations where biological control is important because the softer pesticide will not keep killing natural enemies. One soft pesticide spray plus natural enemies can be effective for longer than the application of one hard spray.

**Table 3. Relative toxicity to natural enemies of certain insecticide groups.**

Insecticide	Toxicity
<i>Bacillus thuringiensis</i> (Bt)	No contact—No residual
botanicals (e.g., azadirachtin, pyrethrins), oils, soaps, spinosad	Moderate to high contact—No residual to short residual
chloronicotinyls (imidacloprid, Bayer Advanced Tree & Shrub or Merit)	Low to high <sup>1</sup>

carbamates (carbaryl or Sevin), organophosphates (malathion), pyrethroids (permethrin)	High contact—Long residual
<i>Direct contact toxicity</i> is killing within several hours from spraying the beneficial or its habitat.	
<i>Residual toxicity</i> is killing or sublethal effects (such as reduced reproduction or impaired ability to locate and kill pests) due to residues that persist.	
† Toxicity and persistence are highly variable, depending partly on the application method (foliar spray vs. soil drench) and the life stage and species of the natural enemy.	

#### ***Ant Control and Honeydew Producers***

Ants are beneficial as consumers of weed seeds, predators of many insect pests, soil builders, and nutrient cyclers. Ants may attack people and pets or are direct pests of crops, feeding on nuts or fruit (See *Pest Notes: Red Imported Fire Ants*). The Argentine ant and certain other species are pests primarily because they feed on honeydew produced by Homopteran insects such as aphids, mealybugs, soft scales, and whiteflies. Ants protect honeydew producers from predators and parasites that might otherwise control them. Ants sometimes move these honeydew-producing insects from plant to plant. Where natural enemies are present, if ants are controlled, populations of many pests will gradually (over several generations of pests) be reduced as natural enemies become more abundant. Control methods include cultivating soil around ant nests, encircling trunks with ant barriers, and applying insecticide baits near plants. See *Pest Notes: Ants* for more information.

#### ***Habitat Manipulation***

Manage gardens and landscapes by using cultural and mechanical methods that enhance natural enemy effectiveness. Grow diverse plant species and tolerate low populations of plant-feeding insects and mites so that some food is always available to retain predators and parasites. Plant a variety of sequentially flowering species to provide natural enemies with nectar, pollen, and shelter throughout the growing season. The adult stage of many insects with predaceous larvae (such as green lacewings and syrphid flies) and many adult parasites feed only on pollen and nectar. Even if pests are abundant for the predaceous and parasitic stages, many beneficials will do poorly unless flowering and nectar-producing plants are available to adult natural enemies. Reduce dust, for example, by planting ground covers and windbreaks. Dust can interfere with natural enemies and may cause outbreaks of pests such as spider mites. Avoid excess fertilization and irrigation, which can cause phloem-feeding pests such as aphids to reproduce more rapidly than natural enemies can provide control.

#### **AUGMENTATION**

When resident natural enemies are insufficient, their populations can sometimes be increased (augmented) through the purchase and release of commercially available beneficial species. However, there has been relatively little research on releasing natural enemies in gardens and landscapes. Releases are unlikely to provide satisfactory pest control in most situations. Some marketed natural enemies are not effective. Praying mantids, often sold as egg cases, make fascinating pets. But mantids are cannibalistic and feed indiscriminately on pest and beneficial species. Releasing mantids does not control pests.

Only a few natural enemies can be effectively augmented in gardens and landscapes. These include entomophagous nematodes, predatory mites, and perhaps a few other species. For example, convergent lady beetles (*Hippodamia convergens*) purchased in bulk through mail order and released in very large numbers at intervals can temporarily control aphids; however, lady beetles purchased through retail outlets are unlikely to be sufficient in numbers and quality to provide control.

Successful augmentation generally requires advanced planning, biological expertise, careful monitoring, optimal release timing, patience, and situations where certain levels of pests and damage can be tolerated. Desperate problems where pests or damage are already abundant are not good opportunities for augmentation.

#### **CLASSICAL BIOLOGICAL CONTROL OR IMPORTATION**

Classical biological control, also called importation, is primarily used against exotic pests that have inadvertently been introduced from elsewhere. Many organisms that are not pests in their native habitat become unusually abundant after colonizing new locations without their natural controls. Researchers go to the pest's native habitat, study and collect the natural enemies that kill the pest there, and then ship promising natural enemies back for testing and possible release. Many insects and some weeds that were widespread pests in California are now partially or completely controlled by introduced natural enemies, except where these natural enemies are disrupted, such as by pesticide applications or honeydew-seeking ants.

Natural enemy importation by law must be done only by qualified scientists with government permits. Natural enemies are held and studied in an approved quarantine facility to prevent their escape until research confirms that the natural enemy will have minimal negative impact in the new country of release. Because classical biological control can provide long-term benefits over a large area and is funded through taxes, public support is critical for continued success. Consult *Natural Enemies Handbook* and *Pests of Landscape Trees and Shrubs* to learn about situations where imported natural enemies are important and conserve them whenever possible.

***Is Biological Control "Safe"?***

One of the great benefits of biological control is its relative safety for human health and the environment. Most negative impacts from exotic species have been caused by undesirable organisms contaminating imported goods, by travelers carrying in pest-infested fruit, by introduced ornamentals that escape cultivation and become weeds, and by poorly conceived importations of predatory vertebrates like mongooses. These ill-advised or illegal importations are not part of biological control. To avoid these problems, biological control researchers follow regulations and work with relatively host-specific insects.

Help preserve our environment and avoid introducing exotic new pests.

Do not bring uncertified fruit, plants, or soil into California. Take unfamiliar pests to your county agricultural commissioner or Cooperative Extension office for identification.

**WHAT MAKES AN EFFECTIVE NATURAL ENEMY?**

Although many animals prey on pest insects or mites, not all can be relied upon to reduce a pest population enough to protect plants. The most effective natural enemies are often relatively host specific, feeding on a single pest species or a group of similar pests such as aphids or scales. Good examples include predatory mites, most parasitic wasps, and [syrphid flies](#). Very general predators such as praying mantids are often likely to kill as many beneficials as pests and thus rarely provide effective control.

Synchronization of the life cycle and environmental requirements of the pest and natural enemy also determine the effectiveness of biological control. Natural enemies that do not arrive or become abundant until after pests are very abundant may not prevent serious damage to plants. Conversely, a parasite or predator with multiple annual generations, that can attack a broad range of life stages of the pest and can feed and reproduce when pest populations are low or moderate, will likely be a more effective natural enemy.

**WARNING ON THE USE OF CHEMICALS****SUGGESTED READING**

*Natural Enemies Handbook: The Illustrated Guide to Biological Pest Control*. 1998. M. L. Flint and S. H. Dreistadt. Univ. Calif. Div. Agric. Nat. Res. Publ. 3386. Oakland.

*Pest Notes: Ants*. Feb. 2007. M. K. Rust and J. H. Klotz. Oakland. Univ. Calif. Agric. Nat. Res. Publ. 7411.

*Pest Notes: Red Imported Fire Ant*. Sept. 2007. L. Greenberg, J. H. Klotz, and J. N. Kabashima. Oakland. Univ. Calif. Agric. Nat. Res. Publ. 7487.

*Pest Notes: Spiders*. In press. R. S. Vetter. Oakland. Univ. Calif. Agric. Nat. Res. Publ. 7442.

*Pest Notes: Spider Mites*. Dec. 2000. B. Ohlendorf and M. L. Flint, eds. Oakland. Univ. Calif. Agric. Nat. Res. Publ. 7405.

*Pests of Landscape Trees and Shrubs*. 2004. S. H. Dreistadt, M. L. Flint, and J. K. Clark. Univ. Calif. Agric. Nat. Res. Publ. 3359. Oakland.

**IMPORTANT LINKS**

Quick Tip [Beneficials Predators](#).

Quick Tip [Parasites of Insect Pests](#)

UC Statewide IPM Program [Natural Enemies Gallery](#), an online photographic reference.

[Narrated presentation on biological control](#) (24 minutes)

[More biological control resources](#)

**WORLD WIDE WEB SITES**

[Biological Control: A Guide to Natural Enemies in North America](#), Cornell University.

[Biological Control Information Center](#), North Carolina State Univ.

[Biological Control News](#), Midwest University of Wisconsin-Madison, Dept. of Entomology.

[Center for Biological Control](#), Univ. of California, Berkeley.

**PUBLICATION INFORMATION**

 *Pest Notes: Biological Control and Natural Enemies*  
UC ANR Publication 74140



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Produced by UC Statewide IPM Program, University of California, Davis

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## Pesticides: Safe and Effective Use in the Home and Landscape

Published 4/06

In this Guideline:

- [Definition of a pesticide](#)
- [Deciding to use a pesticide](#)
- [Choosing the right pesticide](#)
- [Always read the pesticide label](#)
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- [Pesticide application equipment](#)
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Pesticides are designed to be toxic to the pests they target—whether they are insects, cause plant disease, or are weeds or other unwanted home and garden invaders. When used properly, pesticides can protect your plants or home from damage. However, when the label instructions are not followed correctly, plant injury may occur, pests may not be controlled, health may be impaired, and pesticides may contribute to soil, air, or water pollution.

Before you purchase and use a pesticide, learn all you can about the material, how to use it, and how to properly dispose of the empty containers. Also, carefully consider whether or not a pesticide is necessary and if a nonchemical solution might be just as effective.

### DEFINITION OF A PESTICIDE

A pesticide is any material (natural, organic, or synthetic) used to control, prevent, kill, suppress, or repel pests. "Pesticide" is a broad term that includes insecticides (insect killers), herbicides (weed or plant killers), fungicides (fungus killers), rodenticides (rodent killers), growth regulators, and other materials like miticides, which are used for mite control, or products that kill snails and slugs (molluscicides).

### DECIDING TO USE A PESTICIDE

Before using any pesticide, be sure you need it. Verify that the organism you seek to control is really causing lasting damage, and research alternative management methods. Keep in mind that most pests cannot be entirely eliminated—even with pesticides. Some questions to ask before choosing to use a pesticide include:

**Is a pest really the cause of your problem?** More often than most people imagine, pesticide products are applied unnecessarily because the cause of damage has been misidentified. Damage can also be the result of other factors such as incorrect irrigation, poor drainage, herbicide toxicity, or physical damage.

**How many pests are there and will a pesticide spray be justified?** A few caterpillars on a plant might not be a problem that requires any pesticide action on your part, especially if natural enemies of the caterpillars are present. However, a very high population causing severe leaf loss or damage to edible fruits or nuts may mean you would want to control the pest. Be sure to base decisions on presence of pests—not damage levels—and on your knowledge of the pest's life cycle. For instance, often by the time a tree is defoliated (stripped of leaves), pests are gone and sprays will be of no use. In the case of foliar diseases, many fungicides must be applied preventatively before symptoms are noticeable.

**Can you change the conditions which have caused the pest to become a problem?** Prevention is always the best way to manage a pest problem. Will the conditions change due to the weather or other environmental factors? Is the problem due to gardening practices that can be changed? Each specific pest organism has optimum environmental conditions for causing damage. For instance, powdery mildew in many plants is favored by shade and conditions that favor off-season growth. Sometimes providing plants with a sunny location, opening up canopies to provide air circulation, and avoiding excessive fertilizing will keep the disease from becoming serious. Overhead sprinkling may also reduce powdery mildew problems on some plants.

**Other than a pesticide, what else might work?** There are many ways to manage pests other than pesticides including:

- *Cultural control* (using the right pruning, fertilizing or watering regime, or selecting pest-resistant varieties or species)
- *Physical control* (for example, using mulches to keep weeds from growing, or solarization for soilborne pathogens or weed seeds)
- *Mechanical control* (hoeing weeds, spraying leaves forcefully with water to remove insects, or using traps or creating barriers to exclude pests)
- *Biological control* (using beneficial organisms such as insects that eat or parasitize other insects)
- *Replant* (in extreme cases, where a plant requires regular pesticide treatment, consider replanting with a more pest-resistant species or variety)

If you decide to use a pesticide, use it in an integrated pest management (IPM) program that includes use of nonchemical methods. In almost all cases, a combination of measures will provide the most satisfactory and long-term pest control.

**CHOOSING THE RIGHT PESTICIDE**

The first step in choosing a pesticide is to accurately identify the organism (e.g., the specific insect, weed, or plant disease) that is causing the problem. If the pest is misidentified, you will not be able to choose an effective pesticide or other management strategy. If you aren't confident that you can do this using your own experience, get help from your University of California Cooperative Extension office or other reliable source. Use the plant problem-solving tables in the back of University of California Agriculture and Natural Resources publications, *Pests of the Garden and Small Farm* and *Pests of Landscape Trees and Shrubs* to identify major pests on most common garden plants.

If a pesticide is needed, select one that is effective against your pest and also poses the least risks to human health and the environment. A good source of information for identifying effective, least-toxic methods and pesticides for use against specific pests is the University of California (UC) *Pest Notes* series available at UC Cooperative Extension offices or on the UC Statewide IPM Program Web site. When shopping for a pesticide, it is important to consult the label to be sure the target pest and site is listed. However, don't use a label as your primary source for selecting the best control product. In addition to pests that are effectively controlled, pesticide labels often picture or list pests against which the product is only marginally effective. Getting information from University publications, UC Cooperative Extension offices, or other knowledgeable experts is a better strategy.

Before purchasing a pesticide, also check the label to be sure it is appropriate to use on your plants or treatment site. For instance:

- Be sure the particular type of plant or site you plan to treat is listed on the label.
- Do not use pesticides labeled for use on ornamental plants on plants that will be eaten.
- Never use pesticides labeled for "outdoor use only" indoors.
- Pesticides can seriously damage some plants; read the label to be sure treated plants won't be injured.

Finally, when choosing pesticides, remember that most pesticides (even the more toxic ones) only control certain stages of the pest. Many insecticides kill only the larval (e.g., caterpillars) stage, not the eggs or pupae. Other insecticides target only adults. Many fungicides are preventive treatments and will not eliminate infections that have already started, although they may slow their spread. Likewise, some herbicides (preemergence herbicides) kill germinating weeds but not established ones, while others (postemergence herbicides) are effective against actively growing weeds.

<b>Always Read the Pesticide Label.</b>	
Important information regarding the pesticide can be found on the product's label. The label is a legal document required for every pesticide registered in the United States. The U.S. Environmental Protection Agency must approve the label. Always keep the product in the original package. Some of the information that is contained on the label includes: ✓ Trade name or brand name ✓ Active ingredients and their percentage by weight ✓ Types of plants or sites where pesticide may be used ✓ Pests targeted ✓ How much to use ✓ How and when to apply ✓ Required protective clothing and equipment ✓ Signal word defining short-term toxicity to people (DANGER, WARNING, or CAUTION) ✓ Precautionary statements defining hazards to people, domestic animals, or the environment ✓ Emergency and first aid measures to take if someone has been exposed ✓ How to properly store and dispose of the pesticide	Active Ingredient Glyphosate, isopropylamine salt...2.0% Other Ingredients.....98.0%  KEEP OUT OF REACH OF CHILDREN   <b>CAUTION</b> See back panel for additional precautionary statements.  NET CONTENTS 32 FL OZ  (1QT) 946mL

and empty containers	
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#### LEAST TOXIC ALTERNATIVES

Choose the least toxic pesticide that will solve your problem. Least-toxic alternatives are usually suggested in the UC IPM *Pest Notes*. Examples of least-toxic insecticides include insecticidal petroleum or plant-based oils, soaps, and the microbial insecticide *Bacillus thuringiensis*.

Pesticides are used because they kill or control the target pest. "Selective" pesticides kill only a few closely related organisms. Others are broader spectrum, killing a range of pests but also nontarget organisms. Most pesticides are not without some negative impacts on the environment. For instance, some insecticides with low toxicity to people may have high toxicity to beneficial insects like parasitic wasps or other desirable organisms like honey bees, earthworms, or aquatic invertebrates. Most herbicides selectively kill some weeds, but can also kill desirable garden plants if not used properly. Pesticide persistence—or how long it remains toxic in the environment—is also a factor in the safety of pesticides. Pesticides that break down rapidly usually have less negative impact on the environment, but are more difficult to use. Because they don't leave toxic residues that will kill pests arriving hours or days after the application, they must be applied precisely when the vulnerable stage of the pest is present.

The signal words Danger, Warning, or Caution on a pesticide label indicate the immediate toxicity of a single exposure of a product to humans. Over the years, these words have been the consumer's primary guide to relative safety of products. However, signal words do not give an indication of potential for causing chronic problems (e.g., cancer, reproductive problems or other long-term health effects). They also do not reflect potential hazards for wildlife, beneficial insects and many other nontarget organisms. However, most home and garden products are relatively safe and unlikely to cause injury to people if label directions are carefully followed. Precautionary statements on labels give additional information on harmful effects or additional safeguards that should be taken. For more information on hazards of specific pesticides, review the Material Safety Data Sheets (MSDS) available from the pesticide manufacturer or see the [National Pesticide Information Center](#) or telephone 800-858-7378.

#### PESTICIDE APPLICATION EQUIPMENT

Read the pesticide label carefully and be sure that you have the proper equipment for applying it safely. You will need protective clothing to protect yourself from exposure even when applying the safest pesticides. Minimally, protective gear should include rubber gloves, eye protection, a long-sleeved shirt, long pants, and closed shoes. Avoid using cotton gloves or lightweight dust masks that may absorb the spray and result in prolonged contact with your skin. Read the pesticide label carefully for additional protective requirements.

Required equipment varies according to your application site, your choice of pesticide, and your willingness to work with more complicated application devices. For many home and garden pesticide applications, the best choice is to purchase a ready-to-use product in a trigger pump type of sprayer. Ready-to-use products eliminate the need to dilute and mix pesticides or purchase special equipment and are excellent for spot treatments on small plants and shrubs. At the other end of the spectrum are compressed air sprayers, which require careful maintenance and operation as well as precise mixing of chemicals.

If you mix your own pesticides, keep a set of measuring spoons or cups for use *only* with pesticides. It is a good idea to write "PESTICIDE ONLY" on them to distinguish them from your kitchen utensils, and keep them well away from food preparation areas. A locked storage cabinet in a garden shed, garage, or well-ventilated utility area is the best place to store pesticides and equipment you use to mix or apply pesticides. If you are spraying for weed control, keep a sprayer specifically for that purpose and label it "WEEDS ONLY." Otherwise, herbicide residue in the sprayer may injure plants if the same sprayer is used for applying another type of pesticide or fertilizer.

Take a shower as soon after application as possible. Wash clothing separately from other laundry. Never smoke, drink, eat, or use the bathroom after pesticide application without washing first.

#### **Measuring and Diluting Pesticide Concentrates**

Properly measuring concentrated formulations of pesticides is essential for their effective and safe use. The application rate for most insecticides and fungicides is given on the label in ounces per gallon of water used in the spray applicator. It is essential that you follow these procedures properly and dilute and apply materials as required. For herbicides and some uses of insecticides and fungicides (such as applications on lawns), the label will indicate the amount of pesticide to use for a given area. In these cases, you'll need to measure the area you are treating to calculate how much to mix up. [See Sidebar 1. How to Dilute an Herbicide.](#)

Remember, if the label specifies a dilution rate, you need to follow the label directions precisely. Before mixing up your pesticide, test out your sprayer with water to assure you will cover the recommended area with the recommended amount of diluted spray. If not, you will need to adjust your application rate accordingly by walking or spraying slower or faster.

Insecticide or fungicide directions for fruit or ornamental trees often don't specify areas in square feet to be treated. They often say something such as "wet plants to dripping point, thoroughly cover both sides of leaves." For these applications or for spot treatments, it is also a good idea to test out your sprayer with water to see how much spray you need to cover a fruit or ornamental tree or other area. That way you'll know how much product to mix up.

Never use more than what the directions recommend. The pest will not be controlled any faster and you will be wasting the pesticide, your time, and money while potentially causing plant injury and contaminating the environment with excess chemicals. Mix up only as much as you need immediately; don't store leftover pesticide solutions. They may be susceptible to quality changes at high or very low temperatures or by settling out.

#### Sidebar 1. How to Dilute an Herbicide.

For most herbicides, the application rate is stated in ounces per 100 square feet or 1000 square feet, so you need to know how large an area you are treating in order to determine the amount of product to use. Suppose you are trying to kill weeds in your lawn and the herbicide label states "use 2 oz. per 1000 square feet." After measuring, you find your lawn is only 600 square feet. Therefore, you would use  $(600 \text{ square feet}/1000 \text{ square feet}) \times 2 \text{ oz.} = 0.6 \times 2 \text{ oz.} = 1.2 \text{ oz.}$  of herbicide to treat the entire lawn.

You also must calculate how much water you need to add to your sprayer. Insecticide and fungicide labels and many herbicide labels tell you how much water to add to dilute your spray. If a certain volume of water is not listed, you can determine how much you need by spraying a small area with the sprayer and a known quantity of clean water. Then divide by the fraction of the area where you plan to apply the herbicide. For example, if you found out that one quart of water covered 100 square feet, you can assume you will need 6 quarts to cover 600 square feet. Mix your 1.2 oz of herbicide in 6 quarts of water.

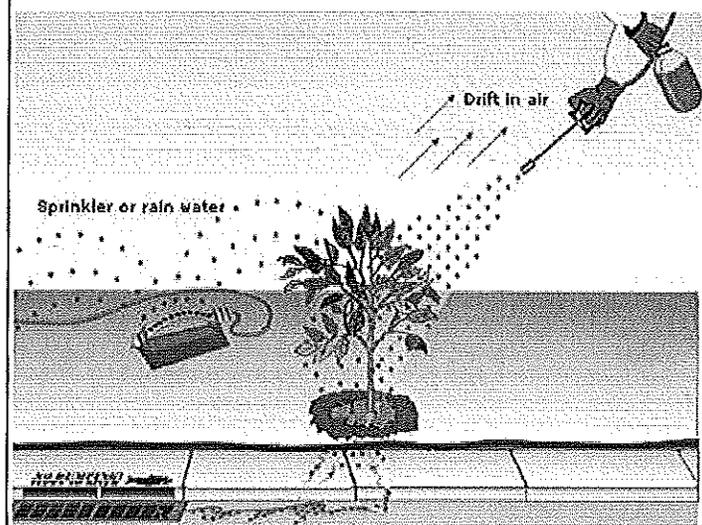
#### **Minimizing Environmental Contamination**

Use spot treatments where the pest is most prevalent; avoid widespread applications of the pesticide throughout your garden or home. For spot treatments, mix the pesticide according to label instructions, and apply the mixture only to the affected area. Bait stations for ants, wick or shielded applicators for some herbicides, and tree trunk treatments for certain insects are other ways of limiting environmental exposure.

Be sure pesticides are properly applied to the target plant or site and can't move onto other plants or areas. Pesticides can easily move off target with wind. Do not spray during windy conditions when pesticides can be carried into areas where they aren't needed or wanted.

Be sure the application does not run off or blow into drains, creeks, or other water bodies so you can prevent contamination of water supplies. Avoid applying chemicals just before irrigation or rainy weather, unless labels specify post-application irrigation. Also avoid applying pesticides to hard surfaces such as sidewalks, driveways, and foundations, because they can easily be washed off and go into storm drains.

Follow the guidelines below for protecting environmental quality and keeping pesticides out of our waterways.

<p><b>Keep Pesticides Out of Our Waterways by Following These Guidelines.</b></p>	<p><b>Pesticides applied in the garden can move off target by drifting in the air or washing off into storm drains or creeks.</b></p>
 <p>Illustration by C. Rusconi.</p>	<ul style="list-style-type: none"> <li>✓ Be aware of weather patterns and do not apply pesticides just prior to rainfall or during windy conditions.</li> <li>✓ Avoid applying pesticides to hard surfaces such as sidewalks or driveways, where they can easily be washed off.</li> <li>✓ Check pesticide labels for warnings regarding use near bodies of water such as streams, rivers, and lakes.</li> <li>✓ Never dispose of pesticides in storm drains, sinks, or toilets.</li> <li>✓ Under no circumstances should pest control equipment be cleaned in a location where rinse water could flow into gutters, storm drains, or open waterways.</li> <li>✓ Never apply more than the rate listed on a pesticide label.</li> <li>✓ Be aware that some pesticides are more easily carried in surface runoff than others and therefore have a greater potential to move off site during irrigation or storms. The leaching and runoff risks of specific pesticides can be obtained from the <a href="#">UC IPM Web site WaterTox database</a>.</li> </ul>

#### ***Disposing of Leftover Pesticides***

Try to purchase only as much pesticide as you will use in the immediate future. This will eliminate the need to store the unused products. If you can't use up your pesticides in a timely manner, share them with a friend or neighbor who can use them, but always keep these materials in their original containers. Do not use an old soda bottle or anything that could be mistaken for a drink container. People have been poisoned and killed by inadvertently drinking from these containers. Don't dilute more pesticide than you can use right away. Diluted pesticide needs to be applied according to label directions to plants or sites listed on the label and at label rates until the spray tank is empty. Excess diluted pesticide should be disposed of at a household hazardous waste facility.

Do not dump excess, unwanted, or old material down the drain, onto the soil, or into open waterways, gutters, storm drains or sewers, or in the trash. The only legal way to dispose of pesticides is to take them to your local household hazardous waste disposal facility. In California, call the California Environmental Hotline 1-800-253-2687, to find the hazardous waste disposal site closest to you or check <http://www.earth911.org>.

Empty containers of concentrated home use pesticides in the possession of a homeowner on his/her property may be disposed of in the trash without rinsing. Empty containers of ready-to-use products may also be disposed of in the trash. Professionals who use concentrated liquid pesticides must

rinse the container three times before disposal. The best time to rinse is when you are using up the last remaining pesticide in the container. Add the remaining pesticide to the sprayer. Add water to the empty pesticide container, put the cap on, swirl the water around the container, and transfer the liquid to the spray tank. Repeat two times. If necessary, add more water to the spray tank to reach the correct concentration. This way, you will have rinsed the bottle three times and used the rinse water to make the pesticide application.

Don't pour unused rinse liquid down any drain or sewer or in the trash. Unused rinse liquid is considered hazardous waste and must be disposed of properly at a hazardous waste facility or as suggested above.

#### ***Indoor Versus Outdoor Pesticides***

Use only pesticides specifically labeled for indoor use inside the house. Many outdoor pesticides are designed to break down into less toxic substances with ventilation and in the daylight and the rain. Without these conditions the pesticides may linger and cause toxic conditions for humans or pets.

#### ***Hiring a Pest Control Company***

If you do not have the time or ability to research your pest problem and safely apply the appropriate material to control it, you may want to hire a pest control service to do the job for you. See the [Pest Note: Hiring a Pest Control Company](#) for information on how to select a contractor.

Licensed pesticide operators also have access to some products not available in retail stores. Many pest problems, such as termites or management of problems on large trees, require special pesticides or equipment and technical training for most effective management. Although professional services may be expensive, the investment may be worth it to solve a serious problem.

#### **WARNING ON THE USE OF CHEMICALS**

#### **SUGGESTED READING**

Flint, M. L. 1998. *Pests of the Garden and Small Farm*. Oakland: Univ. Calif. Div. Agric. Nat. Res. Publ. 3332.

Dreistadt, S. H. 2004. *Pests of Landscape Trees and Shrubs*. Oakland: Univ. Calif. Div. Agric. Nat. Res. Publ. 3359.

O'Connor-Marer, P. J. 2000. *Safe and Effective Use of Pesticides*. Oakland: Univ. Calif. Div. Agric. Nat. Res. Publ. 3324.

Pittenger, D. R., ed. 2002. *California Master Gardener Handbook*. Oakland: Univ. Calif. Div. Agric. Nat. Res. Publ. 3382.

Wilen, C. A., et al. 2006. *Pest Note: Hiring a Pest Control Company*. Oakland: Univ. Calif. Div. Agric. Nat. Res. Publ. 74125.

#### **PUBLICATION INFORMATION**



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# PESTICIDE SAFETY TRAINING RECORD

## JOB ASSIGNMENT(S)

PRINT EMPLOYEE'S NAME \_\_\_\_\_

APPLICATOR  
MIXER/LOADER  
HANDLER

APPLICATOR ASST.  
FLAGGER  
OTHER \_\_\_\_\_

PRINT EMPLOYER'S NAME \_\_\_\_\_

Names of pesticides for which training was given: (List additional pesticides on an attached sheet)

1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_ 4. \_\_\_\_\_  
5. \_\_\_\_\_ 6. \_\_\_\_\_ 7. \_\_\_\_\_ 8. \_\_\_\_\_

PESTICIDE USE SAFETY

- \_\_\_\_\_ **Safety procedures:** during handling, transporting, pouring, lifting, or applying pesticides; cleaning, repairing, or adjusting equipment.
- \_\_\_\_\_ **Personal Protective equipment (PPE):** eye protection, respiratory protection, coveralls, gloves, boots, etc.
- \_\_\_\_\_ **Label Information:** signal word, precautionary statement, first aid, application rate, re-entry, mixing and application instructions, etc.
- \_\_\_\_\_ **Safety documents:** Pesticide Safety Information Series (*PSIS*), Material Safety Data Sheets (*MSDS*)
- \_\_\_\_\_ **Drift:** confine spray to target area; avoid contamination of people, animals, waterways, and sensitive areas. Be aware of wind conditions.
- \_\_\_\_\_ **Re-Entry Interval (REI):** entry into a treated field shall not be allowed before the REI is expired. Provisions for limited contact activities.
- \_\_\_\_\_ **Pesticide storage:** in locked enclosure when unattended, storage posted category I & II.
- \_\_\_\_\_ **Triple rinsing:** containers must be triple rinsed immediately when emptied. Pour rinse water into tank.
- \_\_\_\_\_ **Emergency medical facilities:** facility locations must be prominently posted at work site.
- \_\_\_\_\_ **Written workplace disciplinary action policy:** reviewed, discussed, and understood.
- \_\_\_\_\_ **Hazard communication:** post PSIS A-8/N-8, right-to-know; inform the employee of the location and availability of records.

EMERGENCIES & HEALTH

- \_\_\_\_\_ **Personal hygiene:** wash hands and arms with soap and water before eating, drinking, chewing gum or tobacco, smoking, and before and after using the bathroom.
- \_\_\_\_\_ **Showering:** shower thoroughly with warm water and soap as soon as possible at the end of each workday.
- \_\_\_\_\_ **Skin and eye first-aid:** immediately wash skin with clean water and soap. Flush eyes for 15min. Seek medical attention.
- \_\_\_\_\_ **Heat stress:** recognition, treatment, and prevention.
- \_\_\_\_\_ **Symptoms of overexposure to pesticides:** acute symptoms, chronic symptoms. Report exposure symptoms.
- \_\_\_\_\_ **Respiratory protection:** need for, limitations, appropriate use and fit, sanitation. \*Medical condition statement required.

AG. PROD. REQ.

- \_\_\_\_\_ **Medical supervision:** requirements for agricultural use of category 1 or 2 organophosphates or carbamates.
- \_\_\_\_\_ **Closed system:** requirement for agricultural use of category 1 liquid pesticides.
- \_\_\_\_\_ **Hazard communication for field workers:** display the PSIS A-9 leaflet at the work site or central gathering location.

EMPLOYEE'S SIGNATURE \_\_\_\_\_

DATE \_\_\_\_\_

TRAINER'S SIGNATURE \_\_\_\_\_

TRAINER'S NAME \_\_\_\_\_

DATE \_\_\_\_\_



DEPARTMENT OF PESTICIDE REGULATION  
LICENSING/CERTIFICATION PROGRAM



QUALIFIED APPLICATOR CERTIFICATE

DATE OF ISSUE 01/01/2010 VALID THROUGH 12/31/2011

QAC 121774 BC

EDWARD J MURDOCK, JR  
1257 MAPLE VALLEY ST  
MANTECA CA 95336



DEPARTMENT OF PESTICIDE REGULATION  
LICENSING/CERTIFICATION PROGRAM



AGRICULTURAL PEST CONTROL ADVISER LICENSE

DATE OF ISSUE 01/01/2010 VALID THROUGH 12/31/2011

PCA 73962 ADEG

EDWARD J MURDOCK, JR  
1257 MAPLE VALLEY ST  
MANTECA CA 95336



DEPARTMENT OF PESTICIDE REGULATION  
LICENSING/CERTIFICATION PROGRAM



QUALIFIED APPLICATOR LICENSE

DATE OF ISSUE 12/15/2010 VALID THROUGH 12/31/2011

QAL 124447 BC

EDWARD J MURDOCK JR  
1257 MAPLE VALLEY ST  
MANTECA CA 95336



*Edward J Murdock Jr*

SIGNATURE

This person is qualified to apply or supervise the application of pesticides pursuant to Division 7, Chapter 3.6 of the Food and Agricultural Code in the categories on the face of this card. This Certificate does not authorize any person to engage for hire in the Business of pest control. A DPR Maintenance Gardener Pest Control Business License must be acquired to engage in pest control incidental to a Maintenance Gardener Business in Category Q. This certificate must be shown to any representative of the Director or Commissioner upon request.

Certificate Categories

- |   |                               |
|---|-------------------------------|
| A. Residential, Industrial, and Institutional | J. Animal Agriculture         |
| B. Landscape Maintenance                      | K. Demonstration and Research |
| C. Right-of-Way                               | L. Health Related             |
| D. Plant Agriculture                          | M. Wood Preservation          |
| E. Forest                                     | N. Antifouling - Tributyltin  |
| F. Aquatic                                    | O. Sewer Line Root Control    |
| G. Regulatory                                 | P. Field Fumigation           |
| H. Seed Treatment                             | Q. Maintenance Gardener       |

*Edward J Murdock Jr*

SIGNATURE

This license is issued to the person named to act as control adviser pursuant to Division 6, Chapter 6 of the Agricultural Code in the categories indicated on the

This license must be shown to any representative of the Director or Commissioner upon request.



License Categories

- |  |                            |
|--|----------------------------|
| A. Insect, Mite, and other invertebrates | E. Weeds                   |
| B. Plant Pathogens                       | F. Defoliation             |
| C. Nematodes                             | G. Plant Growth Regulators |
| D. Vertebrate Pest                       |                            |

MCE Corporation  
 Employees  
 Spray Certifications

<u>Name</u>	<u>QAC #</u>	<u>Certificate #</u>	<u>Type and Categories</u>	<u>EXP</u>
Jeff Bench	77643	QAC	BC	12/31/2010
Ken DeSilva	75420	PCA		12/31/2010
	99892	QAL		12/31/2010
	82239	QAC		12/31/2010
Geronimo Flores	93942	QAC	BC	12/31/2010
	WE-8738A	ISA	Arborist Certificate	
Ed Murdock	121774	QAC	BC	12/31/2011
	73962	PCA	ADEG	12/31/2011
	4195	ISA	Arborist Certificate	12/31/2010

State of California Dept of Pesticide Regulation  
 License # 2360500000 Exp 12/31/2009

SACRAMENTO COUNTY  
AGRICULTURAL COMMISSION  
NEW FIELDS UNIT

REGISTRATION EXPIRATION DATE: DECEMBER 31, 2010 (YEAR)

FOR REGISTRATION IN COUNTY OF: SACRAMENTO

ADVISER'S EMPLOYER: MCE CORPORATION

ADDRESS: 6515 TRINITY CT

CARD IMPRINT AREA

CITY: DUBLIN CA ZIP CODE: 94568 TELEPHONE NUMBER: (925) 803-4111

ADVISER'S SIGNATURE: [Signature]

WRITTEN RECOMMENDATIONS ARE AVAILABLE AT (CITY & STREET): 6515 TRINITY CT, DUBLIN CA 94568

AGRICULTURAL COMMISSIONER'S SIGNATURE: [Signature] DATE: 1/22/10

COUNTY'S OFFICIAL SEAL

Distribution: Green - Adviser White Cardstock - CAC

CONTROL Distribution: Yellow - Pest Control Business White Cardstock - CAC

PLACE REGISTRATION FORM HERE



- Registration Fee - \$25.00
- Review inspections from previous year
- Silver or Brown Card - Exp. Date 1/22/10
- Copy of Business License
- Restricted Materials Permit
- Equipment List
- If permit issued, reviewed & signed conditions
- Hand out recycle flyers & explain program
- Review PURs - Timeliness & Completeness - Hand out PURs if needed (Submit original only to county)

WORKER SAFETY

- Yes  No Does this company have employees who handle pesticides?
- Yes  No  NA Safety Series Issued (Issued N-1- N-8 & N-10 OR Already has copies)
- Yes  No  NA Are any of your employees primarily Spanish-speaking? (If yes, Spanish Safety Series Numbers Issued \_\_\_\_\_)
- Yes  No  NA Safety Series N-8 posting requirements and completion discussed.
- Yes  No  NA Safety Series already issued by \_\_\_\_\_ County.

"Summary of Worker Safety/Protection Regulations"

Company already has a copy OR  Copy issued during registration

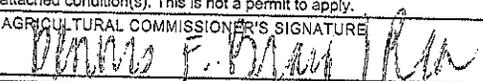
Comments:

Date 1-27-2010

Cardholder's Signature [Signature]

**PEST CONTROL BUSINESS COUNTY REGISTRATION**  
PR-PML-059 (REV. 3/02)

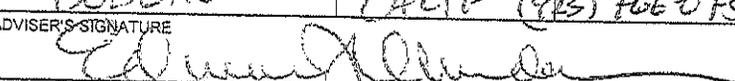
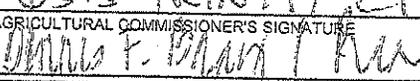
STATE OF CALIFORNIA  
DEPARTMENT OF PESTICIDE REGULATION  
PEST MANAGEMENT AND LICENSING BRANCH

CARD IMPRINT AREA (ATTACH COPY OF PEST CONTROL BUSINESS LICENSE)	REGISTRATION EXPIRATION DATE: DECEMBER 31, 2010 (YEAR)	
	FOR REGISTRATION IN COUNTY OF: ALAMEDA	BUSINESS LOCATION <input checked="" type="checkbox"/> MAIN <input type="checkbox"/> BRANCH
REGISTRATION FEE RECEIVED \$ 15.17 Cnk 4/6/10 5395	BUSINESS NAME MCE CORPORATION	BUSINESS LICENSE NO. 36364
	ADDRESS 6515 TRINITY CT	
IMPRINTING COUNTY'S OFFICIAL SEAL	CITY DUBLIN	ZIP CODE 94568
	TELEPHONE NUMBER (925) 803-4111	
Restricted Material(s) Possession Permit No. _____ No restricted Material may be possessed except in accordance with any attached condition(s). This is not a permit to apply.	QUALIFIED APPLICATOR'S SIGNATURE 	DATE 12-10-10
	AGRICULTURAL COMMISSIONER'S SIGNATURE 	CONDITION(S) ATTACHED <input type="checkbox"/> YES <input type="checkbox"/> NO
DATE 12-10-10		DATE 12-10-10

Distribution: Yellow - Pest Control Business White Cardstock - CAC

**AGRICULTURAL PEST CONTROL ADVISER COUNTY REGISTRATION**  
DPR-PML-091 (REV. 3/01)

STATE OF CALIFORNIA  
DEPARTMENT OF PESTICIDE REGULATION  
MANAGEMENT AND LICENSING BRANCH

CARD IMPRINT AREA	REGISTRATION EXPIRATION DATE: DECEMBER 31, 2011 (YEAR)	
	FOR REGISTRATION IN COUNTY OF: ALAMEDA	
REGISTRATION FEE RECEIVED \$ 10.00 Cnk 4/6/10 5395	ADVISER'S EMPLOYER MCE CORPORATION	
	ADDRESS 6515 TRINITY CT	
IMPRINTING COUNTY'S OFFICIAL SEAL	CITY DUBLIN	ZIP CODE 94568
	TELEPHONE NUMBER CALIF (925) 766-0757	
WRITTEN RECOMMENDATIONS ARE AVAILABLE AT (CITY & STREET) 6515 TRINITY CT / DUBLIN CALIF	ADVISER'S SIGNATURE 	DATE 12-10-10
	AGRICULTURAL COMMISSIONER'S SIGNATURE 	DATE 12-10-10

Distribution: Green - Adviser White Cardstock - CAC



CALIFORNIA DEPARTMENT OF PESTICIDE REGULATION

1001 I STREET

SACRAMENTO, CALIFORNIA 95814

**MAINTENANCE GARDENER PEST  
CONTROL BUSINESS LICENSE**

ISSUED: January 01, 2010  
EXPIRES: December 31, 2011

LICENSE NO. 36364

Invalid if insurance and/or qualified person(s) lapse before expiration date.

Mailing Address  
MCE CORPORATION  
6515 TRINITY CT  
DUBLIN, CA 94568

Business Location  
MCE CORPORATION  
6515 TRINITY CT  
DUBLIN, CA 94568

*Mary-Ann Warmerdam, Director*

POST THIS LICENSE PROMINENTLY IN PUBLIC VIEW  
THIS LICENSE IS NOT TRANSFERABLE - ANY CHANGE IN OWNERSHIP REQUIRES A NEW LICENSE

1. Please make sure the information on your license is correct.
2. Notify us immediately of any changes to your business (e.g., name, address, insurance carrier or qualified person).
3. If you lose your license, then you may request a new one for a \$20 fee.
4. Please refer to the license number located in the middle of the page when contacting us.
5. For more information, please contact us at (916) 445-4038 or at <licenseemail@cdpr.ca.gov>. Or you may write to

Department of Pesticide Regulation  
Pest Management and Licensing Branch  
Licensing and Certification Program  
P.O. Box 4015  
Sacramento, California 95812-4015