



SECTION 6

PESTICIDE MANAGEMENT

6. PESTICIDE MANAGEMENT ACTIVITIES

INTRODUCTION

The goals and objectives of the Program's Urban Runoff Management Plan (URMP) include: effectively prohibiting non-storm water discharges to storm drains and watercourses; reducing pollutants in storm water discharges to the "maximum extent practicable" (MEP); and not causing or contributing to violations of water quality standards, as required by the Program's NPDES permit. The Program's approach to meeting these goals and objectives focuses on the use of best management practices (BMPs) for source control and pollution prevention.

The Program's approach to pesticide management has a similar focus on source control and pollution prevention. Program BMPs for pesticide management have included significant outreach efforts to residents, businesses, and municipal staff to provide education and achieve behavior changes relative to uses of pesticides and less toxic pest control methods. Outreach efforts have been supplemented by monitoring studies to define the problem; participation in regional monitoring and organizations to address pesticide issues; and development of performance standards and local pest management plans.

BACKGROUND

Diazinon and chlorpyrifos have been identified in recent studies as causing toxicity in local creeks and wastewater treatment plant effluent. In May 1999, the U.S. Environmental Protection Agency (USEPA) listed San Francisco Bay and 35 Bay Area urban creeks as impaired by diazinon under Section 303(d) of the Clean Water Act (CWA). The 303(d) listing triggered the need for USEPA and the State to develop Total Maximum Daily Loads (TMDLs) for the impaired waterbodies. The San Francisco Bay Regional Water Quality Control Board developed a draft TMDL work plan that calls for an urban creeks diazinon TMDL to be developed by June 2002, followed by an Implementation Plan by June 2003.

The Program's NPDES Permit Provision C.9.d. includes specific requirements for a pesticide control program. The Program and Co-permittees must develop and implement a pesticide control plan that addresses municipal uses of pesticides, including diazinon and other lower priority banned pesticides (e.g., chlordane, dieldrin, and DDT) and the use of these pesticides by others within municipal jurisdictions. The permit provision also requests that the Program continue to work with the Urban Pesticide Committee, BASMAA, and the California Stormwater Quality Association Pesticide Committee to assess impacts of pesticide use and encourage actions by other state and federal agencies.

As required by Permit Provision C.9.d., the Program developed a Pesticide Management Work Plan (Pesticide Plan) and submitted it to the Water Board on June 26, 2001. The submittal to the Water Board included a preliminary draft Pest Management Performance Standard and municipal pesticide use surveys completed by each Co-permittee. After receiving comments from Water Board staff, the final Pesticide Plan and Pest Management Performance Standard were provided in the Program's *FY 02-03 Work Plan* (dated March 1, 2002).

The purpose of the Pesticide Plan is to control pesticide-related toxicity in urban runoff, by minimizing pesticide use and reducing the amount of pesticides in storm water and landscape runoff to the maximum extent practicable. The Plan identifies the goals of each work plan element, actions, monitoring mechanisms and schedules. The Plan also identifies whether

actions will be implemented at the Program level, municipality level, or both. The details of municipality actions and schedules were provided in individual Co-permittee pest management plans submitted with the Co-permittees' FY 00-01 Annual Reports.

This Annual Report provides information on the progress of tasks in the Pesticide Plan to be completed by the Program in FY 04-05.

PAST PESTICIDE MANAGEMENT ACTIVITIES

The Program has, since its inception, actively participated in a number of activities aimed at understanding water quality problems in creeks and San Francisco Bay and reducing pollutants, including pesticides, to the MEP. The Program's earlier Work Plans and Annual Reports have presented the history of the Program's and Co-permittee's pesticide-related activities in the areas of monitoring and science, outreach and education, URMP implementation and correspondence with Water Board staff regarding these activities.

IMPLEMENTATION OF FY 04-05 PESTICIDE MANAGEMENT TASKS

Table 6-1 presents the status of the Program's pesticide management tasks scheduled for completion in FY 04-05. The table references tasks in the SCVURPPP Pesticide Plan (rev. 2/15/02) and the related performance standard and/or permit provision. More details on the accomplishments for and effectiveness of some of the key elements of the Pesticide Plan are provided below.

Outreach and Education

Highlights of Program PI/P activities specifically related to pesticide use that were accomplished in FY 04-05 include:

- Watershed Watch Campaign – Messages about less-toxic pest control were woven into the campaign advertising and materials. The popular “Got Bugs” ads were used in the media flight from August to October 2004. Additional details on the media campaign are included within Section 3 of this Annual Report.
- Pesticide User Outreach – The various elements of pesticide user outreach are described below:
 - IPM Store Partnership Program – The Program contributed funds to and participated in the Regional IPM Program and implemented the local IPM Partnership Program in 31 stores. The participating stores had in-store “Our Water Our World” displays and IPM fact sheets and stocked less-toxic products. Program staff routinely visited the participating stores for restocking literature racks and updating shelf-talkers. The Program contracted with Ms. Annie Joseph for store employee training. Approximately 71 employees representing the six SummerWinds stores and Palo Alto Hardware were trained in February 2005.
 - Media Advertising – Advertising was conducted in coordination with Watershed Watch Campaign. The popular “Got Bugs” ad was used in the fall media campaign which ran from August through October 2004.
 - Outreach at Events – Program, Co-permittee and Watershed Watch staff conducted IPM outreach at six events. Approximately 2,580 IPM fact sheets and brochures and

2,793 giveaways (pencils, activity books, magnets, tattoos etc.) were distributed to the public.

- Community IPM Workshop --The Watershed Watch Campaign conducted an IPM workshop for the Program in coordination with the Friends of Guadalupe River Park and Gardens; Master Gardeners of Santa Clara County and SummerWinds Nursery. Stephanie Morris, local landscape architect, Laura Monczynski of Master Gardeners and Claudia Groth of Whitney Farms were the featured speakers. The presentations were interactive and featured various examples of plants with pest problems and non-toxic or less-toxic remedies. In addition, SummerWinds Nursery donated plant giveaways (4" drought resistant grasses) to workshop attendees. Workshop attendees were also given a "goody" bag filled with less-toxic pest control literature, a Watershed Watch kit and some promotional items.
- Regional IPM Conference -- The Program contributed funds to a Regional IPM Conference. The conference, which was hosted by Alameda County was held on June 14, 2005 and attracted approximately 412 people. The Program also provided promotional support to the Going Native Garden Tour on April 17, 2005. An event report is included within Appendix B-14.
- IPM Outreach to Special Districts – The Program conducted a mailing to provide information on less toxic pest control to neighboring special districts within the Co-permittees' jurisdiction. A letter explaining the impact of pesticide use on urban runoff was developed and mailed (along with IPM fact sheets) to all special districts. The cover letter and list of special districts are included within Appendix B-16.
- Outreach Articles -- Program staff developed and distributed an IPM outreach article to selected publications. This article was included in the April 2005 issue of *Tideline* magazine and was also placed on the Friends of Guadalupe Gardens website in October 2004. The *Tideline* article is included within Appendix B-15.

Section 3 provides additional detailed descriptions and evaluations of PI/P projects.

Monitoring and Science

Monitoring and TMDL-related activities that were accomplished in FY 04-05 include:

- Continued to fund the Regional Monitoring Program (\$160,804) and participate in the Regional Monitoring Program (RMP) steering and technical committees to focus RMP resources on 303(d) problem pollutants (including pesticides);
- Attended the Urban Pesticide Committee meetings and participated in discussions on development of the diazinon TMDL;
- Participated in implementation of a regional Urban Creeks Monitoring Program (developed by the Clean Estuary Partnership) which analyzed pesticide and pesticide-related toxicity in Calabazas Creek;
- Participated in the Clean Estuary Partnership's Diazinon/Toxicity Workgroup;
- Supported actions by the California Stormwater Quality Association (CASQA) to comment on and assist with USEPA's pesticide risk assessments. The Program's dues helped fund the CASQA consultant contract covering comment letters on risk assessments and other pesticide-related tasks.

- Completed third year of sampling for the Program's Multi-Year Receiving Waters Monitoring Program. Conducted organophosphate pesticide analyses of samples collected at two sites in the Adobe Creek watershed; two sites in the Matadero/Baron Creek watershed; three sites in the Sunnyvale East/West Channel watersheds; two sites in the Calabazas Creek watershed; and one site in the San Tomas Creek watershed. Conducted three species toxicity testing in one site in the Adobe Creek watershed; two sites in the Matadero/Baron Creek watershed; two sites in the Calabazas Creek watershed; and one site in the San Tomas Creek watershed.

Additional information on monitoring and science activities, including results, are provided within Section 4 and the *SCVURPPP FY 04-05 Summary Assessment Report* included within Appendix C-2.

URMP Implementation

Pest Management Performance Standard

The Program's 2004 Urban Runoff Management Plan (URMP) contains a model Pest Management Performance Standard (PMPS) approved by Water Board staff that: 1) limits the use of pesticides that are known to cause or contribute to impairment of receiving waters; 2) requires use of least-toxic pest control methods by municipal employees at municipally-owned facilities; and 3) meets other requirements of NPDES Permit Provision C.9.d. The PMPS includes guidance to Co-permittees on work plan tasks and legal authority needed to implement the standard, and BMPs for protecting water quality if pesticides must be used after implementing an IPM program. The Co-permittees have updated their local URMPs to include the PMPS and have been implementing the PMPS since FY 01-02.

Local Pest Management Plans

Co-permittees completed their local pest management work plans and submitted them as part of their FY 00-01 Annual Reports (September 15, 2001). Implementation of these work plan tasks began in FY 01-02. Efforts to date are described in Co-permittees FY 04-05 Annual Reports.

EVALUATION OF EFFECTIVENESS

Outreach and Education

Outreach and education tasks related to pesticide reduction are evaluated in Section 3 and Table 3-1.

Monitoring and Science

The Program and Co-permittee staff completed all environmental and programmatic monitoring tasks that were planned for FY 04-05. This included conducting, funding and/or participating in local and regional monitoring activities. A full description of these activities and an assessment of how effective these activities were in meeting monitoring program objectives are included in Section 4 – Monitoring Activities.

URMP Implementation

Program staff successfully worked with the Pest Management AHTG, Water Board staff and other interested parties to complete a revised version of the Pest Management Performance Standard (PMPS) that was acceptable to all parties involved. The Co-permittees are now in the process of implementing the PMPS. The Co-permittees have evaluated their local pest management efforts during FY 04-05 in their individual Annual Reports.

**Table 6-1
Status of FY 04-05 Pesticide Management Tasks¹**

<u>Task¹</u>	<u>Updated Schedule</u>	<u>Status</u>
I. Municipal Pesticide Use		
I.A.1 Develop and implement a process for tracking pesticide use on municipally owned property (PS#8). Include in the process reporting and justification for the use of OP pesticide and BMPs employed during OP pesticide use.	Annual Reporting	Completed/ Ongoing – The Pest Management Performance Standard includes a suggested reporting process, which the Co-permittees implemented for the FY 01-02 Annual Report. The first year was focused on reporting use of organophosphate pesticides, particularly chlorpyrifos and diazinon. For the FY 02-03 Annual Report, Water Board staff requested Co-permittees to submit pesticide use summaries and not actual data. This practice was continued for the FY 04-05 Annual Report.
Monitoring Mechanism 1.A.1 Document completion of tasks in annual reports. Use pesticide-tracking process to document pesticide use.	Annually	Completed/Ongoing – Pesticide use summaries are included in Co-permittee FY 04-05 Annual Reports.
II. Public Education and Outreach		
II.A.1 Implement the Watershed Education & Outreach (WE&O) Campaign targeting the general public and include messages about less-toxic pest control and proper disposal. The Campaign will include extensive media campaign with South Bay English- and Spanish-language TV and radio stations.	Began development FY 00-01; Ongoing through 04-05.	Completed/Ongoing – The popular “Got Bugs” ads ran from August 2004 through October 2004, and will run again in Fall of 2005.
II.A.2 Develop simple, effective, targeted messages regarding proper pesticide use and disposal, effects on water quality, and IPM.	Ongoing as needed	Completed/Ongoing —Website visits and hotline calls showed a remarkable increase during the “Got Bugs” media campaign. Additional details may be found within Section 3 of this Annual Report.

¹ The status of the complete set of Program Pesticide Plan tasks is presented in Table 6-1 of the Program’s FY 03-04 Annual Report.

**Table 6-1, continued
Status of FY 04-05 Pesticide Management Tasks**

<u>Task¹</u>	<u>Updated Schedule</u>	<u>Status</u>
II.A.3 Prepare appropriate outreach materials (e.g., fact sheets or a consumer guide regarding pest control services) to address target groups.	Ongoing as needed	Completed/Ongoing -- Developed through BASMAA participation. The Program continues to participate in BASMAA's regional IPM partnership and media relations efforts to develop new IPM fact sheets and press releases. The Program purchased and distributed large quantities of the fact sheets.
II.A.4 Identify and attend community events and distribute outreach materials. (Program will attend events strategic to the WE&O Campaign.)	Annually	Completed/Ongoing -- Program staff, Co-permittee representatives and Watershed Watch consultant staff conducted IPM outreach at six events during FY 04-05. The IPM display was used at some events. OWOW fact sheets and brochures (e.g., "Grow It!" Guides, "Backyard Bugs" and "Pests Bugging You?") were distributed. (See Section 3 of this Annual Report for details).
II.A.6. Create, update, and publicize web sites to promote IPM and reduce pesticide use.	Completed 6/02; Update as needed.	Completed/Ongoing -- The Watershed Watch website was launched in September 2001 and is continually updated. The website directs browsers to call the toll-free number to the Program office for information on less-toxic pest control. A web page specifically for IPM was completed in June 2002 and is updated regularly. The web page also includes many pages in Spanish and links to other sites with information on IPM.
II.A.7 Coordinate with the Master Gardeners program and use their services to train residents. Provide IPM training and information on water quality impacts of pesticide use to Master Gardeners as needed.	Ongoing as appropriate	Completed/Ongoing -- Since FY 01-02, Program staff has worked with Master Gardeners and San Jose Community Garden staff to conduct IPM training programs for community gardeners. During the last three FYs (including FY 04-05), the Program conducted community IPM workshops in coordination with Watershed Watch, United Neighborhoods, Guadalupe Gardens, the Santa Clara County Household Hazardous Waste Program and Master

**Table 6-1, continued
Status of FY 04-05 Pesticide Management Tasks**

<u>Task¹</u>	<u>Updated Schedule</u>	<u>Status</u>
		<p>Gardeners.</p> <p>The FY 04-05 workshop was held on April 23, 2005 at the Spring in Guadalupe Gardens event. Stephanie Morris, local landscape architect, Laura Monczynski of Master Gardeners and Claudia Groth of Whitney Farms were the featured speakers. The presentations were very interactive and featured various examples of plants with pest problems and non-toxic or less-toxic remedies. In addition, SummerWinds Nursery donated plant giveaways (4" drought resistant grasses) to workshop attendees. Workshop attendees were also given a "goody" bag filled with less-toxic pest control literature, a Watershed Watch kit and some promotional items.</p>
<p>II.A.8 Create and/or publicize existing IPM demonstration gardens (such as the garden at the San Francisco Bay Wildlife Refuge in Alviso).</p>	<p>Began FY 01-02; Ongoing</p>	<p>Completed/Ongoing – Since FY 01-02, the Watershed Watch Campaign has partnered with the Don Edwards San Francisco Bay Wildlife Refuge at Alviso. The Alviso site has a pesticide-free native plant demonstration garden. Workshops at this location are promoted on the Watershed Watch website. In addition, the Watershed Watch consultant is working with Don Edwards staff to develop page on the website specific to the demonstration garden. The Program provided promotional support for the Going Native Garden Tour on April 17, 2005. Approximately 2,000 people attended the tour which featured 28 gardens. Featured gardens demonstrate environmentally sensitive gardening practices which include the use of native plants, water conservation, landscaping to prevent urban runoff, reducing pesticide and fertilizer use, etc.</p>

Table 6-1, continued
Status of FY 04-05 Pesticide Management Tasks

<u>Task¹</u>	<u>Updated Schedule</u>	<u>Status</u>
II.A.9 Continue to fund BASMAA Regional Media Relations Campaign featuring pitches to Bay Area media and responses to breaking news on pesticide-related topics.	Ongoing.	Completed/Ongoing – SCVURPPP funded this campaign as part of its BASMAA baseline dues for FY 04-05. Program staff participated in meetings of the work group and reviewed draft products. (See Section 3 of this Annual Report for additional details)
II.A.11 Identify consumer and business publications that could include articles about IPM or less toxic pest management, submit articles or letters to the editor, and encourage them to print them.	Ongoing	Completed/Ongoing -- An article describing impacts of pesticide use to water quality and containing hints for pesticide-free pest control was developed in December 2004 and sent to select publications. The article was included in the April 2005 issue of the <i>Tideline</i> magazine and was also placed on the Friends of Guadalupe Gardens website in October 2004
II.A.12 Implement a “Pesticide User Outreach” project targeting residential and commercial users.	FY 01-02 through FY 04-05	Completed/ Ongoing -- A Pesticide User Outreach Work Plan is developed and implemented each year, as Program budget allows. Tasks implemented include the media advertising campaign (as part of the Watershed Watch Campaign), local IPM Store Partnership Program, restaurant outreach, IPM workshop, IPM outreach at events, IPM outreach to special districts and development of an outreach article. The Program continued to implement the IPM store partnership program in 31 stores in Santa Clara Valley. Training on selling less-toxic products was provided to 71 employees at seven stores. A summary of evaluations received is included in Appendix B-11 of this Annual Report.

**Table 6-1, continued
Status of FY 04-05 Pesticide Management Tasks**

<u>Task¹</u>	<u>Updated Schedule</u>	<u>Status</u>
<p>II.A.13 Provide information on less toxic pest control (e.g., IPM techniques, municipal IPM policies, model contract language, training opportunities, etc.) to neighboring special districts (e.g., Valley Transportation Authority, sanitary and utility districts, open space districts, vector control districts, and school districts) as appropriate.</p>	<p align="center">FY 01-02 through FY 04-05</p>	<p>Completed – VTA, open space and vector control district staff were invited to the Program’s IPM Workshop in March 2003 and provided copies of the Program’s Pest Management Performance Standard. In January 2005, a letter explaining the impact of pesticide use on urban runoff was developed and mailed (along with IPM fact sheets) to all special districts within the Co-permittees’ jurisdiction. The cover letter and list of special districts are included within Appendix B-16.</p>
<p>Monitoring Mechanism II.A.1. Document or estimate numbers of residents reached by outreach efforts, including events, web site promotion, municipal employee outreach, and media advertising. Monitor responses to outreach efforts through documentation of calls to the Program’s general and watershed campaign hotlines.</p>	<p align="center">Annually</p>	<p>Completed/Ongoing -- See Section 3 of this Annual Report.</p>
<p>Monitoring Mechanism II.A.2. Survey local public attitudes and behavior to evaluate the success of outreach efforts and the saturation of outreach messages. (Program will conduct countywide survey as part of evaluation of WE&O Campaign. Program may also conduct surveys to evaluate effectiveness of specific projects.)</p>	<p align="center">FY 03-04 and FY 04-05</p>	<p>Completed/Ongoing – A Countywide survey was conducted to evaluate the success of the WE&O Campaign. The evaluation report was included in the Program’s <i>FY 03-04 Annual Report</i>. Some of the survey questions tracked the publics’ knowledge about various pollutants (including pesticides), which affect the water quality in San Francisco Bay. Nineteen percent of the respondents in 2003 say that pesticides affect the water quality of the Bay compared to seven percent in 1991. Approximately 23 percent of residents say that they use less-toxic ways to control pests in their home and garden.</p> <p>Details of the stores partnership program evaluation and IPM outreach events are described in Section 3. In October and November 2004, the BASMAA Regional IPM Committee conducted a customer intercept survey to evaluate the OWOW Store</p>

**Table 6-1, continued
Status of FY 04-05 Pesticide Management Tasks**

<u>Task¹</u>	<u>Updated Schedule</u>	<u>Status</u>
		<p>Partnership Project. The survey included interviewing 375 customers at 5 stores in Santa Clara County. The evaluation indicates that:</p> <ul style="list-style-type: none"> • Overall, 31% of the people interviewed were aware of the Our Water Our World promotion. • The fact sheet garnered the highest recognition of the four items (16%), followed by the logo (15%). • Of the people who had identified at least one of the promotional items in Q3 (n=104), 82 percent said that these items helped them identify less-toxic products or methods. <p>The detailed survey report is included within Appendix B-12 of this Annual Report.</p>
<p>II.B.1 Continue to fund and participate in the BASMAA Regional IPM Partnership.</p>	<p>Ongoing</p>	<p>Completed/Ongoing -- SCVURPPP funded this program as part of its BASMAA baseline dues for FY 04-05. Program staff participated in meetings of the work group and reviewed draft products. See Section 3 for details.</p>
<p>II.B.2 Continue to implement cost-effective elements of the IPM Store Partnership Program, as identified in the work plan developed for Action Item II.A.12. Create and provide fact sheets and other materials to pesticide retailers to facilitate point-of-purchase outreach. Visit stores as necessary to ensure ongoing participation.</p>	<p>Ongoing</p>	<p>Completed/Ongoing – See Tasks II.A.2, II.A.3, and II.A.12 and Section 3 of this Annual Report. Fact sheets as well as an opportunity for employee training were provided to participating stores.</p>
<p>II.B.3 Offer IPM training opportunities to pesticide retailer employees through coordination with Master Gardener-taught educational programs. (See Action II.A.7.)</p>	<p>Ongoing</p>	<p>Completed/Ongoing – The Program contracted with Ms. Annie Joseph to provide training on selling less-toxic products to store employees (See Tasks II.A.12 and Section 3).</p>

**Table 6-1, continued
Status of FY 04-05 Pesticide Management Tasks**

<u>Task¹</u>	<u>Updated Schedule</u>	<u>Status</u>
<p>Monitoring Mechanism II.B.1. Document number of participating stores, materials distributed and employees trained. Evaluate the cost-effectiveness of the IPM Store Partnership Program each year. Implement the evaluation component of the Pesticide User Outreach work plan each year.</p>	<p align="center">Annually</p>	<p>Completed/Ongoing -- See Section 3 and Table 3-1 of this Annual Report.</p>
<p><u>III. Pest Control Operators (PCOs)</u></p>		
<p>III.B.1. Identify and work with PCO trade organizations to develop industry standards for BMPs to protect water quality, through participation in UPC and BASMAA.</p>	<p align="center">Ongoing</p>	<p>In Progress – Program will work with the UPC and a consultant to accomplish this task.</p>
<p><u>IV. Commercial Businesses</u></p>		
<p>IV.A.1 Research reports and surveys of commercial business pesticide use and other stormwater programs' and POTWs' efforts to address this issue. Develop recommendations and a work plan (including an evaluation component) to provide outreach on less toxic pest control to target businesses in the South Bay, as appropriate and cost-effective.</p>	<p align="center">FY 02-03 through FY 04-05</p>	<p>Completed/Ongoing – The SCVURPPP IPM Work Group decided to use San Francisco's "Setting a Table for Pests" poster for outreach to restaurants. This item was approved by the Santa Clara County Department of Environmental Health inspectors for inclusion in their new food facilities packet for distribution to new or remodeled food facilities during routine inspections. Copies of this poster were provided to County Health Inspectors in FY 02-03, FY 03-04 and FY 04-05.</p>

**Table 6-1, continued
Status of FY 04-05 Pesticide Management Tasks**

<u>Task¹</u>	<u>Updated Schedule</u>	<u>Status</u>
IV.A.2 Develop and implement education programs that target commercial businesses, per recommendations from Action IV.A.1	Ongoing;	Completed/Ongoing – As described above, the Program is distributing the “Don’t Lay a Table for Pests” poster to new or remodeled food facilities through County Health Inspectors. During FY 03-04 and FY 04-05, the Program also focused on educating employees at local hardware stores and nurseries on selling less-toxic products to consumers.
Monitoring Mechanism IV.A.1. Document outreach efforts targeting businesses, as recommended in the work plan to be developed by the Program. Implement the evaluation component of the work plan.	Ongoing	County Health Inspectors distributed approximately 628 copies of the “Don’t Set a Table for Pests” poster during FY 04-05
<u>V. Household Hazardous Waste Collection</u>		
V.A.3 Work with HHW collection agencies to support, enhance, and help publicize programs for proper pesticide disposal (PS #7).	Ongoing; began FY 00-01	Ongoing – In FY 04-05, the Watershed Watch Campaign’s “Got Bugs” ad continued to educate consumers on proper pesticide disposal. The County HHW Program collected 4,200 pounds of dursban and diazinon in FY 04-05. In addition, the County HHW Program also managed over 213,000 pounds of poisons during FY 04-05. The Program also contacted all participating stores to ensure that employees were aware of the stop-sale date for diazinon. This follow-up indicated that all stores were aware of the stop-sale date and had taken diazinon off their shelves for proper disposal.

**Table 6-1, continued
Status of FY 04-05 Pesticide Management Tasks**

<u>Task¹</u>	<u>Updated Schedule</u>	<u>Status</u>
<p>Monitoring Mechanism V.A.1. Document that household hazardous waste collection programs adequately serve residents and businesses and that any exchange programs do not exchange organophosphate or banned pesticides.</p>	<p align="center">Annually</p>	<p><u>County HHW</u> -- No residents were turned away with the exception of those who brought munitions, explosives or radioactive waste. Collection facilities and events have expanded in number. The County does operate a material reuse program that allows residents to take usable items (e.g., paint, left by other residents). This program does not include banned pesticides exchange.</p> <p><u>Palo Alto</u> -- No Palo Alto residents were turned away. Palo Alto does not have an exchange for the items brought for disposal.</p>
<p>Monitoring Mechanism V.A.2. Document quantities of pesticide disposal at household hazardous waste collection facilities (only possible on a county-wide basis at present).</p>	<p align="center">Annually</p>	<p><u>County HHW</u> -- Although the public education campaign about dursban and diazinon has ended, the HHW Program collected 4,200 pounds of these two pesticides in FY 04-05.</p> <p><u>Palo Alto</u> -- 28,091 lbs of pesticides were collected from residents during FY 04-05. This represents a substantial increase from FY 03-04 (9,532 pounds were collected in FY 03-04).</p>
<p><u>VI. County Agricultural Commissioners – All Tasks Completed</u></p>		

**Table 6-1, continued
Status of FY 04-05 Pesticide Management Tasks**

<u>Task¹</u>	<u>Updated Schedule</u>	<u>Status</u>
<u>VII. New Development</u>		
VII.A.4 Develop and propose enhanced reporting format for documenting use of pesticide reduction measures at development sites. (Draft Permit Provision C.3.n.)	Annual Reports	Completed/Ongoing -- A section for documenting pesticide reduction measures required of project applicants is included in the Program's model data collection form for collecting other development project data prior to implementing C.3. (i.e., impervious surface area). The reporting form included in the Planning Procedures Performance Standard for annual reporting of information on Group 1 projects allows Co-permittees to more specifically list the pesticide reduction measures required.
<u>VIII. Monitoring and Science</u>		
VIII.A.1. Continue financial support of the Regional Monitoring Program (RMP). Continue to actively participate in the RMP advisory and technical committees to focus RMP resources on 303(d) problem pollutants, including OP pesticides.	Annually	Completed/Ongoing – The Program contributed \$160,804 to the RMP in FY 04-05 and has budgeted \$168,480 for FY 05-06. Program staff attends the RMP Technical Review Committee meetings and prepare meeting summaries for Management Committee.
VIII.A.2. Work with Water Board staff to refine the problem statement for the diazinon TMDL and determine data needs, with assistance from the BASMAA Pesticide Work Group.	FY 01-02 and beyond	In Progress – Program staff attend the Urban Pesticide Committee meetings at which the diazinon TMDL has been discussed. Program staff is also working on the TMDL with Water Board staff as part of the Clean Estuary Program (CEP).
VIII.A.3. Participate in a coordinated regional plan to collect data for the diazinon TMDL, as defined in the RWQCB/BACWA/BASMAA MOU.	FY 01-02 and beyond	Ongoing – Program staff are participating in a regional data collection plan as SCVURPPP is a member of the CEP (formerly the TMDL MOU). The Program contributed \$97,000 to the CEP in FY 04-05 and will contribute the same amount in FY 05-06.

**Table 6-1, continued
Status of FY 04-05 Pesticide Management Tasks**

<u>Task¹</u>	<u>Updated Schedule</u>	<u>Status</u>
<p>Monitoring Mechanism VIII.A.1. Submit monitoring data and reports to the Regional Water Quality Control Board and other interested parties (such as USEPA) per the reporting schedule in the Program's Multi-Year Receiving Waters Monitoring Program.</p>	FY 02-03 and beyond	<p>Completed/Ongoing – The Program completed and submitted its third Receiving Waters Monitoring Report in September 2005 (See Section 4- Attachment C-1 of the <i>FY 04-05 Annual Report</i>).</p>
<p><u>IX. Regional, State, and Federal Coordination</u></p>		
<p>IX.A.1. Support actions by the California Stormwater Quality Task Force (now California Stormwater Quality Association) Pesticide Committee to comment on and assist with USEPA's pesticide risk assessments.</p>	Ongoing	<p>Completed/Ongoing – SCVURPPP provided funding to CASQA's consultant contract that funded Geoff Brosseau's and Kelly Moran's efforts to review risk assessments and provide comments on behalf of the CASQA member agencies.</p>
<p>IX.A.2. Through participation in the UPC and CASQA, work with the U.S.EPA, the California Department of Pesticide Regulation, and the pesticide industry to eliminate uses of pesticides likely to enter surface water from those listed on product labels.</p>	Ongoing	<p>Ongoing – Program staff regularly participates in the UPC and CASQA and support efforts to eliminate uses of pesticides that cause risk to water quality. The CASQA General Meeting in July 2005 focused on the topic of pesticide use, monitoring, and regulation.</p>
<p>Monitoring Mechanism IX.A.1. Document correspondence with U.S. EPA and the California Department of Pesticide Regulation and successes in achieving changes in registered uses and labeling that protect water quality.</p>	Annually	<p>Completed/Ongoing – Copies of correspondence sent by the CASQA Pesticide Committee, with support from SCVURPPP, are provided to the Management Committee and the Water Board. Successes related to protection of water quality were the banning of chlorpyrifos, limiting uses of diazinon and convincing EPA that its Offices of Pesticides and Water needed to coordinate their efforts.</p>
<p>IX.B.1. Participate in the activities of the Bay Area Stormwater Management Agencies Association, the California Storm Water Quality Association, and the Urban Pesticide Committee and communicate Program efforts.</p>	Annually	<p>Completed/Ongoing – Program staff regularly attended BASMAA, CASQA (General and Executive Committee) and UPC meetings to communicate Program efforts (see Section 2- Appendix A-2 for list of meetings attended during FY 04-05).</p>

**Table 6-1, continued
Status of FY 04-05 Pesticide Management Tasks**

<u>Task¹</u>	<u>Updated Schedule</u>	<u>Status</u>
IX.B.2. Collaborate in technical studies to support TMDL development and implementation. (See Action VIII.A.3.)	As Needed.	Completed/Ongoing – Program staff are participating in a regional effort to develop TMDLs. SCVURPPP is a member of the CEP (formerly the TMDL MOU).
Monitoring Mechanism IX.B.1. Document attendance by Program staff at regional and statewide meetings and completion of regional and statewide efforts.	Annually	Completed/Ongoing – Section 2-Appendix A-2 contains a list of meetings attended by Program staff during FY 04-05. Meeting summaries are provided within Management Committee packets.
<u>X. Review and Revision of Work Plan</u>		
X.A.1. Review and continuously improve the goals, actions, and monitoring mechanisms of the work plan considering results of self-evaluations, comments from Water Board staff and other interested parties, and results of local performance review meetings if any.	Annually- As Needed	Completed/Ongoing – The Pesticide Plan was revised twice in FY 01-02 based on comments from Water Board staff and interested parties (specifically RWQCB letters dated 8/15/01 and 12/21/01) and submitted to the Water Board on October 15, 2001 and March 1, 2002, respectively. The Plan will be updated at the beginning of the next permit cycle to correspond to the reissued permit requirements. Task evaluations are provided in Sections 3, 6, and 8 of this Annual Report.
Monitoring Mechanism IX.A.1. Complete revised work plan that incorporates continuous improvement items, and report on completion of work plan tasks.	Annually	Completed/Ongoing – See response to Action X.A.1. above and Section 6 of this Annual Report.