

**Parks Maintenance & IPM Work Group
Meeting Agenda
October 27, 2009 - 1:30 to 3:00 pm
City of San Mateo City Hall – Room B
330 West 20th Avenue, San Mateo**

1. **Introductions, Announcements, Changes to Agenda, Review of August Draft Meeting Summary - 5 min.** *Vern Bessey*

2. **Adoption of Municipal Regional Stormwater Permit and Review of Tasks Required by Permit's Pesticides Toxicity Control Provision C.9 - 15 min.** *Fred Jarvis/
Everyone*
Objective: Obtain information about the October 14 adoption of the MRP and the pesticide control tasks it requires. Agree on how to proceed.

3. **Review of Municipalities' Requirements under DWR's Model Water Efficient Landscape Ordinance – 10 min.** *Fred/
Everyone*
Objective: Obtain information about what municipalities are supposed to do.

4. **Review Suggestions from Previous Workshop and Brainstorm Ideas for Topics, Speakers, Location, and Dates for Parks Maintenance and IPM Workshop – 30 min.** *Vern/
Everyone*
OUTCOME: Obtain ideas for workshop topics and speakers.

5. **Share Information on Park Maintenance Type of Issues That Affect Water Quality - 20 min.** *Everyone*
OUTCOME: Obtain information.

6. **Discuss Possible Future Meeting Topics and Agree on Next Meeting Date and Topics - 10 min.** *Vern/
Everyone*
OUTCOME: Agree on future topics and whether to meet next in April.

DRAFT
Parks Maintenance & IPM Work Group Meeting Summary
City of San Mateo City Hall

Meeting Date: August 25, 2009

Subcommittee Action: Agreed that it is worthwhile to extend the Green Gardener Program into San Mateo County.

Requested Technical Advisory Committee Action or Feedback/Guidance (if any): The Countywide Program should apply for a grant to fund the Green Gardener Program in San Mateo County or identify another source of funding.

Other Information/Announcements:

- **Information about the Green Gardener Program and Joint Venture Silicon Valley Network's Interest in Extending It to San Mateo County.** Vishakha Atre from the Santa Clara Valley Urban Runoff Pollution Prevention Program (SCVURPPP) and EOA described the Green Gardener Program (GGP). The GGP is focused on training staff from small landscaping companies who receive little other training on sustainable landscape maintenance practices. The training includes information about soils, plant placement, integrated pest management (IPM), irrigation, water conservation, and other topics. SCVURPPP partnered with the Metropolitan Adult Education Center in San Jose to initiate training in February 2008. The training costs \$120 per student, and this cost is subsidized by the SCVURPPP so that students pay \$40 each. The training consists of ten two-hour sessions, and it is offered in English and Spanish. The main instructor is a teacher at the Metropolitan Adult Education Center, and topic-specific experts also participate. Students receive a copy of the Green Gardener Curriculum binder. The training is not part of a certification program, but participants receive a certificate of course completion and a green gardener card.

The Joint Venture Silicon Valley supports sustainable development and practices. The group covers both Santa Clara and San Mateo Counties, and it is interested in extending the GGP to San Mateo County. Beth Ross, City of Redwood City, and Jeffery Liang, RecycleWorks attended a recent Joint Venture Silicon Valley meeting to discuss this issue. Joint Venture Silicon Valley does not fund the GGP. Fred Jarvis mentioned that he contacted County Environmental Health staff following the last Parks Maintenance and IPM Work Group meeting, and staff stated that there was insufficient funding to implement a GGP in San Mateo County this fiscal year, but it could be discussed for next fiscal year.

- **City's Ability to Control Pesticide Usage in Parks Where Homeowners Association is Responsible for Maintenance.** One city has parks that its staff maintains without using pesticides, and there is a park and street vegetation in a newer area of the city, which is maintained by three different homeowner associations. Pesticides are used by the homeowner associations to keep things looking perfect. Ronald Plummer mentioned that he responded to questions from city staff about its authority to limit the use of pesticides. The city has no control over the use of pesticides on privately-owned lands. In addition, the homeowners association cannot regulate the individual homeowners' use of pesticides. Ronald suggested that educational information about IPM be included with water, sewer, or similar bills.
- **Status of Completion of DWR's Model Water Efficient Landscape Ordinance.** This ordinance is an update of an existing ordinance that will apply to new and existing, urban irrigated landscapes. Local agencies are required to adopt the updated model ordinance or equivalent by January 1, 2010 or it will be automatically updated. DWR submitted the updated model ordinance on July 31 to the State Office of Administrative Law with changes this agency previously

requested. The model ordinance should be adopted soon. Work Group members requested

more information about what their cities are currently required to do and what the updated ordinance would require them to do. Valerie Matonis mentioned that Redwood City has a certified staff person who checks irrigation water efficiency plans.

- **Share Information on Park Maintenance Types of Issues That Affect Water Quality.** One person mentioned that his city would like to minimize the amount of water that is lost by fire hydrant shearing at night. A lot of chlorinated water flows to the storm drain when this occurs. Another person mentioned that their city has smart meters that email you if too much water is running because of a leak. Several leaks have been found by these meters.
- **October Meeting.** Items the work group would like to discuss at the October meeting include the following: planning for the next workshop; more information about water efficient landscaping; update on search for funding for the GGP.

Subcommittee Work That Affects Other Subcommittees: Continue to discuss with the PIP Subcommittee possible funding of the GGP in San Mateo County.

Next Steps: Talk with PIP staff about the GGP.

Next Meeting Date: The next meeting will be held on October 27.

C.9. Pesticides Toxicity Control

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

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

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

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

C.9.b. Implement IPM Policy or Ordinance

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

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

C.9.c. Train Municipal Employees

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

C.9.d. Require Contractors to Implement IPM

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

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

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

Commissioners in ensuring that pesticide applications comply with water quality standards; and

- (4) As appropriate, the Permittees shall submit comment letters on USEPA and California DPR re-registration, re-evaluation, and other actions relating to pesticides of concern for water quality.
- ii. **Reporting** – In their Annual Reports, the Permittees who participate in a regional effort to comply with C.9.e. may reference a regional report that summarizes regional participation efforts, information submitted, and how regulatory actions were affected. All other Permittees shall list their specific participation efforts, information submitted, and how regulatory actions were affected.

C.9.f. Interface with County Agricultural Commissioners

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

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

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

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

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

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



**2009 Integrated Pest Management Workshop
February 26, 2009**

SUMMARY OF WORKSHOP EVALUATIONS

Total Number of Evaluations: 44 (62% response)

Total Number of Attendees: 71*

**Number includes 60 attendees and 11 speakers and staff.*

What did you think of the following presentations?

EcoWise Certified Contracting Tool Kit–

Bart Brandenburg

14-Very helpful 24.5-Somewhat helpful 4.5-Not helpful 1-No answer

Right Tree, Right Place to Prevent Infrastructure Conflicts –

Gordon Mann

33-Very helpful 10-Somewhat helpful 1-Not helpful 0-No answer

Water Conservation: Irrigation Design and Maintenance–

Corbin Schneider

33-Very helpful 11-Somewhat helpful 0-Not helpful 0-No answer

Respirator Regulatory Refresher and Online Pesticide Use Reporting–

Jeremy Eide

26.5-Very helpful 17.5-Somewhat helpful 0-Not helpful 0-No answer

Emergency Spill Response –

Waymond Wong

32-Very helpful 10-Somewhat helpful 0-Not helpful 2-No answer

Gopher and Ground Squirrel Control –

Steven Hebert

30-Very helpful 8-Somewhat helpful 1-Not helpful 5-No answer

Did this workshop meet your expectations?

Yes: 38

No: 1

Exceeded Expectations: 1

No Answer: 4

Suggestions for future workshop topics

Update on water conservation – design for irrigation / ways to conserve / irrigation for trees (3)

Follow up next year on the implementation of the irrigation regulation AB2717 (2)

Presentations that relate directly to practical maintenance are the most useful (2)

Equipment demonstrations

Specific issues and experts in landscape greening issues: planting examples; specific parts / programs as examples.

More IPM-related topics like #6 (i.e. bee control, mosquito control, rat control, etc.)

Soil conservation

Household environmental cleaning products

MRP

Herbicides and endangered species

Stormwater reporting

General Comments

Very informative. Lots of useful topics covered, very helpful and educational! (6)

Great workshop, thank you. (3)

Great lunch (3)

Too cold in the building (3)

Biologist vague – old news and respirators. Needs to work on delivery. (2)

Better sound system next year, please. (2)

Corbin Schneider is a very good speaker (2)

Gordon Mann is a very good speaker.

Gopher Guy was awesome.

The emergency response program and speaker were very good.

Great location. Good stuff to look at.

Please supply information sheets for emergency spill response and gopher and ground squirrel control.

Try to locate a better facility for the meeting.