

**Parks Maintenance & IPM Work Group
 Meeting Agenda
 April 28, 2008 - 1:30 to 3:00 pm
 City of San Mateo City Hall – Room B
 330 West 20th Avenue, San Mateo**

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| 1. | Introductions, Announcements, Changes to Agenda, Review of November Draft Meeting Summary - 5 min. | <i>Vern Bessey</i> |
| 2. | Update on the Draft Municipal Regional Stormwater Permit's (MRP) Provision C.9 Pesticides Toxicity Control Requirements - 15 min.
<i>Objective: Obtain information.</i> | <i>Fred Jarvis</i> |
| 3. | Update on April TAC Meeting Including Preparations for May 13 Regional Water Board Hearing to Adopt MRP – 10 min.
<i>Objective: Obtain information.</i> | <i>Matt Fabry</i> |
| 4. | Review of February Training Workshop - 10 min
<i>Objective: Review summary of workshop evaluations and agree on what can be gleaned for future workshops.</i> | <i>Fred/
Everyone</i> |
| 5. | Completion of San Mateo County Sustainable Green Streets and Parking Lots Design Guidebook and Upcoming May 28 Training on this Guidebook – 10 min.
<i>Objective: Obtain information about upcoming workshop and availability of the Guidebook on http://www.flowstobay.org/ website.</i> | <i>Matt/
Everyone</i> |
| 6. | Federal Court Case on NPDES Permits for Pesticide Applications - 10 min.
<i>Objective: Obtain information about decision in January that pesticide applications near and over waterways require NPDES permits.</i> | <i>Fred</i> |
| 7. | Share Information on Park Maintenance Type of Issues That Affect Water Quality - 20 min.
<i>OUTCOME: Obtain information.</i> | <i>Everyone</i> |
| 8. | Discuss Possible Future Meeting Topics and Agree on Next Meeting Date and Topics - 10 min.
<i>OUTCOME: Agree on future topics.</i> | <i>Vern/
Everyone</i> |

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

Meeting Date: November 18, 2008

Subcommittee Action: None.

Requested Technical Advisory Committee Action or Feedback/Guidance (if any): None

Other Information/Announcements:

- **Ideas for Topics, Speakers, Location, and Dates for Parks Maintenance and IPM Workshop.** Some of the suggestions included the following:
 1. People liked the Green Building Exchange location used last year, and the Belmont Sports Complex used in years prior to last year also was a good location.
 2. It would be good to have the workshop following the San Francisco Urban Integrated Pesticide Management Conference on January 28.
 3. There is no value to having a goose control topic unless there is something new that is effective. Dorte Drastrup noted that a meeting on goose control is coming up for the South Bay.
 4. A talk by Larry Costello from U.C. extension about street tree damage to sidewalks and gutters, selecting trees, and rubber sidewalks would be useful according to Daniel Ourtiague who recently heard him talk.
 5. Another recommendation would be to have a presentation on sustainable landscaping that minimizes weeds and conserves water by Corbin Schneider at Verde Design, Inc.
 6. The San Mateo County Agricultural office should present information again about respirator requirements, commonly found problems, and anything else that they would like to include in a regulatory refresher. The topics available are laws and regulations and other to receive continuing education credits.
 7. Another presentation on rodent control (gophers and squirrels) from the person who presented two years ago would be useful. Ground squirrels are eroding levees. IPM for vector control would be useful.
 8. A presentation about the new EcoWise Certified Contracting Tool Kit would be useful. Bart Brandenburg sent information to Matt about this topic in August.
 9. An irrigation water conservation topic would be useful. Some of the work group members (Dorte and Don McClymond) have recently become certified irrigation auditors. By 2010 all new irrigation systems will need to be certified. The Irrigation Association does the certifying.
 10. More information on sports fields was not viewed as a high priority unless there was a shortage of speakers. A Mark Slichter from Callander Associates gave a presentation in Santa Clara County recently titled: "Stormwater Management for Synthetic Turf Fields, San Jose."
- **Proposed Listing of Creeks and Shoreline as Impaired by Trash and Litter.** The Regional Water Board staff is proposing to list three San Mateo County creeks and a major portion of the bay shoreline as impaired by trash. It was mentioned that during Coastal Clean Up Day the Bay Trail was squeaky clean and volunteers had to be sent elsewhere to do clean ups.
- **Share Information on Park Maintenance Issues that Affect Water Quality.** Concern has been expressed recently about metals in artificial sports fields and MSRA. MSRA has not been found on sports fields. One city has its parks lighting on a timer and sometimes the light bulbs have burned out. It was suggested that the city post a sign and telephone number for reporting when the lights are not working. There are also automated systems that can detect when lights are not working. The City of Belmont is working with volunteers to realign a recreational trail so that will no longer be

located in a riparian area near the headwaters of Belmont Creek. The city provides the construction materials to the volunteers.

Subcommittee Work That Affects Other Subcommittees: The Municipal Maintenance Subcommittee members may be interested in the upcoming workshop.

Next Steps: Plan and hold the next training workshop.

Next Meeting Date: following the workshop, probably in April.

C.9. ~~C.9.~~—Pesticides Toxicity Control

To prevent the impairment of urban streams by pesticide-related toxicity, 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 ~~the use of such pesticides by other sources within their jurisdictions~~ that have the potential to enter the municipal conveyance system. ~~They~~Pesticides of concern include:
organophosphorous pesticides (chlorpyrifos, diazinon, and malathion); pyrethroids (bifenthrin, cyfluthrin, beta-cyfluthrin, cypermethrin, deltamethrin, esfenvalerate, lambda-cyhalothrin, permethrin, and tralomethrin); carbaryl; and fipronil. Permittees may coordinate with BASMAA, the Urban Pesticide Pollution Prevention Project, the Urban Pesticide Committee, 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, 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 ~~in~~ their IPM policies or ordinances.
- ii. **Implementation Level** – If not already in place, Permittees shall adopt appropriate IPM policies or ordinances no later than July 1, 2009~~2010~~.
- iii. **Reporting** – Permittees shall submit a copy of ordinances or policies to the Water Board in the October 2009~~their IPM ordinance(s) or policy(s) in the 2010 Annual Report after adoption of the IPM policy or ordinance.~~

C.9.b. Implement IPM Policy or Ordinance

- i. ~~Permittees shall~~ **Task Description** – 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) ~~(1)~~ — In the Annual Report, Permittees shall report ~~in their Annual Reports~~ on IPM policy implementation and evaluate effectiveness and status and by showing trends of quantity and type in quantities and types of pesticide used, and ~~provide~~suggest reasons for increases in use of pesticides that threaten water quality, specifically organophosphorous pesticides, pyrethroids, carbaryl, and fipronil.
 - (2) ~~(2)~~ — Permittees shall maintain pesticide application standard operating procedures available and submit them upon request.

C.9.c. Training of Municipal Employees

- i. **Task Description** – Permittees shall ensure that all municipal employees who, within the scope of their duties, apply or use pesticides ~~which~~that threaten water

quality (~~including over the counter pesticides~~) are ~~appropriately oriented and/or~~ trained in IPM practices and the Permittee's IPM policy.

ii. Reporting

- (1) In the Annual Report, Permittees shall report the percentage of municipal employees who apply pesticides who have ~~been trained~~ received training in IPM policy and IPM standard operating procedures within the last three years.
- (2) Permittees shall submit training materials (e.g., course outline, date, attendees) upon request.

C.9.d. Require Contractors to Implement IPM

- i. **Task Description** – Permittees shall hire IPM-certified contractors or include contract specifications requiring contractors to implement ~~the~~ IPM no later than ~~November 30, 2009~~ July 1, 2010.
- ii. **Reporting** – In the Annual Reports, 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) 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) 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 California Water Code and to accommodate water quality concerns within its pesticide evaluation process;
- (3) 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, 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 the Annual Reports, Permittees ~~shall list 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. ~~**Reporting** – Permittees shall~~ **Task Description** – 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 ~~and to, (2) inform them of water quality issues related to pesticides, and violations of pesticide regulations (3) report violations of pesticides regulations (e.g., illegal handling) associated with stormwater management.~~
- ii. **Reporting** – ~~In the Annual Report, Permittees shall summarize improper pesticide usage reported to county agricultural commissioners (or other appropriate State and/or local agencies) and report follow-up actions to correct violations in Annual Reports.~~

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

- i. **Task Description** – Permittees shall ~~study 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 ~~effective actions~~ improvements to existing control measures and/or additional control measures, if needed, to be taken attain targets with a an implementation time schedule.
- ii. **Reporting** – In the ~~October, 2012, 2013~~ Annual Report, Permittees shall report the evaluation results ~~to the Water Board, 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)

- i. **Point of Purchase Outreach:** ~~Permittees shall conduct:~~
 - (1) Conduct outreach to consumers at the point of purchase. ~~They shall provide;~~
 - (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 the Annual Reports throughout the permit term, Permittees shall 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, quantity of outreach materials distributed, and number of attendees at trainings/workshops. Permittees shall document and report any measurable awareness and behavior changes resulting from outreach.~~
- iii. **Pest Control Contracting Outreach:** Permittees shall conduct outreach to residents who use or contract for structural or landscape pest control. ~~They shall provide 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 IPM certification in Structural Pest Management, or functionally equivalent certification program-, and provide resources for such a certification program if needed to augment grant funding; 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 the 2013 Annual Report, 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 these their actions in the October, 2012, 2013 Annual Report. This documentation may include percentages of residents hiring certified IPM providers and the change in this percentage.~~
- v. **Outreach to Pest Control Operators:** Permittees shall conduct outreach to pest control operators (PCOs) and landscapers. ~~Work; 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, Permittees ~~shall document percentages of who participate in a regional effort to comply with C.9.h.iv. may reference a report that summarizes these actions. All other Permittees shall summarize how they reached~~ PCOs and landscapers ~~reached and reductions in reported 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
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**Right Tree, Right Place to Prevent Infrastructure Conflicts –
Gordon Mann**

33-Very helpful	10-Somewhat helpful	1-Not helpful	0-No answer
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**Water Conservation: Irrigation Design and Maintenance–
Corbin Schneider**

33-Very helpful	11-Somewhat helpful	0-Not helpful	0-No answer
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**Respirator Regulatory Refresher and Online Pesticide Use Reporting–
Jeremy Eide**

26.5-Very helpful	17.5-Somewhat helpful	0-Not helpful	0-No answer
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**Emergency Spill Response –
Waymond Wong**

32-Very helpful	10-Somewhat helpful	0-Not helpful	2-No answer
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**Gopher and Ground Squirrel Control –
Steven Hebert**

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