

## NOTICE OF MEETING

### NPDES TECHNICAL ADVISORY COMMITTEE

June 8, 2009

**TUESDAY, JUNE 16, 2009 - 10:00 A.M. TO NOON**  
**TOWN OF HILLSBOROUGH'S CITY HALL – COUNCIL CHAMBER**  
**1600 Floribunda Avenue, Hillsborough**  
**(See location map on back)**

Web Site: [www.flowstobay.org](http://www.flowstobay.org)

### AGENDA

1. INTRODUCTIONS, ANNOUNCEMENTS, MINUTES APPROVAL, AGENDA REVISIONS – MATT FABRY
2. PRESENTATIONS
  - A. UPDATE ON MUNICIPAL REGIONAL PERMIT HEARING AND FOLLOW UP – MATT/SUE MA/EVERYONE
  - B. BURLINGAME PROPERTY OWNERS' STORM DRAINAGE FEE ELECTION– ART MORIMOTO, CITY OF BURLINGAME
  - C. CASQA MEETING ON STORMWATER HAVING AND USE – MATT/EVERYONE
  - D. UPDATE ON PREPARATIONS FOR APPLYING FOR PROPOSITION 84 STORMWATER GRANT FUNDS FOR LOW IMPACT DEVELOPMENT – MATT/EVERYONE
  - E. DRAFT CONSTRUCTION GENERAL PERMIT – FRED JARVIS/EVERYONE
  - F. REGIONAL WATER QUALITY CONTROL BOARD REPORT – SUE MA
3. SUBCOMMITTEE REPORTS/
  - A. PUBLIC INFORMATION/PARTICIPATION – JAMES SHANNON
  - B. COMMERCIAL/INDUSTRIAL AND ILLICIT DISCHARGE – WARD DONNELLY
  - C. NEW DEVELOPMENT – MATT FABRY
  - D. MUNICIPAL GOVERNMENT MAINTENANCE ACTIVITIES – MICHAEL PETERSON
  - E. PARKS MAINTENANCE AND INTEGRATED PEST MANAGEMENT WORK GROUP – VERN BESSEY
  - F. WATERSHED ASSESSMENT AND MONITORING – DERMOT CASEY
4. PUBLIC COMMENTS
5. ANNOUNCEMENTS
6. NEXT MEETING – July 21 in South San Francisco

#### FUTURE MEETINGS:

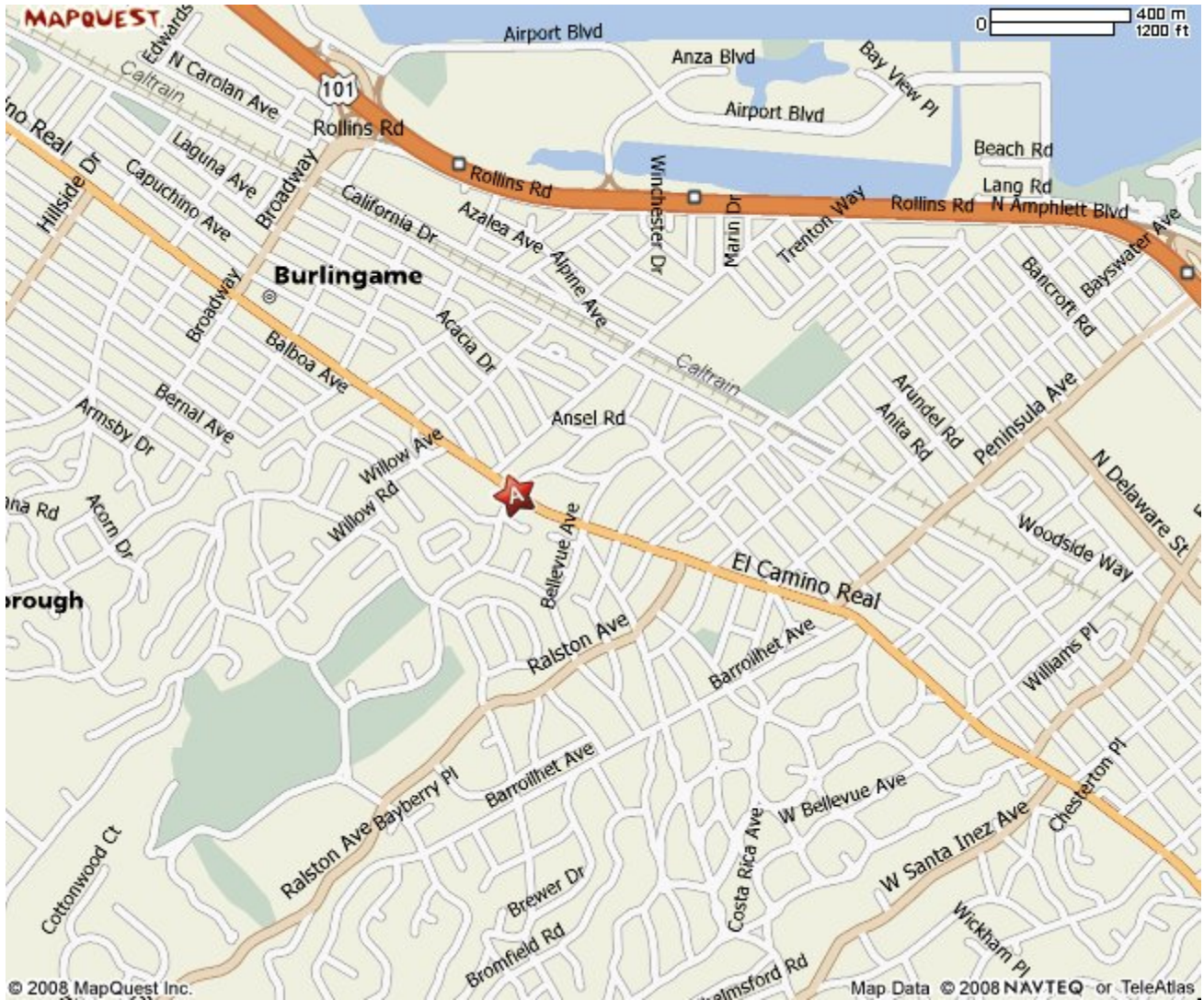
AUG 18 @ \_\_\_\_\_  
SEPT 15 @ \_\_\_\_\_  
OCT 20 @ \_\_\_\_\_

Post by 5:00 P.M., Wednesday, June 10, 2009

**NOTE: Persons with disabilities who require auxiliary aids or services in attending and participating in this meeting should contact Matthew Fabry at (415) 508-2134, five working days prior to the meeting date.**

Public records that relate to any item on the agenda for a regular NPDES Technical Advisory Committee (TAC) meeting are available for public inspection. Those records that are distributed less than 72 hours prior to the meeting are available for public inspection at the same time they are distributed to all members, or a majority of the members of the TAC. The TAC has designated Brisbane's City Hall, located at 50 Park Place, Brisbane, for purpose of making those public records available for inspection. The documents are also available on the C/CAG Internet Web site, at the link for agendas for upcoming meetings. The website is located at: <http://www.ccag.ca.gov>.

Hillsborough Town Hall - 1600 Floribunda Ave.



From San Francisco (Southbound Hwy 101)  
Exit Broadway (west)  
Left at El Camino Real  
Right at Floribunda Ave. (4th traffic light)  
Town Hall is on right

Northbound Hwy 101  
Exit Peninsula Ave. (west)  
Right on El Camino Real  
Left on Floribunda (5th traffic light)  
Town Hall is on right

### **NPDES TAC and Subcommittee Meeting Locations:**

- New Development – 1:30 to 3:30 pm, first Tuesday of every other month: next meeting will be **August 4** @ South San Francisco Water Quality Control Plant
- Public Information/Participation – 10:00 am – noon, second Tuesday of every other month: next meeting will be **July 14** @ San Mateo County Environmental Health, 2000 Alameda de las Pulgas, San Mateo, Atrium Room.
- Technical Advisory Committee – 10:00 am to noon, third Tuesday of each month, location varies.
- Municipal Maintenance – Noon to 1:00 pm (\$10:00 lunch), fourth Wednesday quarterly: next meeting will be the annual training workshop on **June 25** @ the new Greenv Sustainable Center, 1 Chestnut Avenue in South San Francisco.
- Parks Maintenance and Integrated Pest Management Work Group – 1:30 to 3:00 pm, fourth Tuesday approximately quarterly at San Mateo City Hall, 330 West 20<sup>th</sup> Avenue. Next meeting will be **August 25**.
- Commercial/Industrial/Illicit Discharge Control – 1:00 to 2:30 pm, **third** Thursday of every other month: next meeting will be **June 18** @ Millbrae Community Center Conference Room, 477 Lincoln Circle.
- Watershed and Monitoring – 10:00 am to noon, second Thursday of month, approximately every quarter: next meeting will be a field trip on **June 11**.

**Yellow highlight** denotes recent change.

**NPDES Stormwater  
Technical Advisory Committee (TAC)**

**DRAFT REPORT OF MEETING**

**TUESDAY, APRIL 21, 2009  
10:00 A. M.  
CITY OF DALY CITY**

1. INTRODUCTIONS, ANNOUNCEMENTS, ADOPTION OF MINUTES, AND REVISION TO AGENDA

Self-introductions were made and the March meeting minutes were adopted as written. Matt Fabry reported that the San Mateo County Sustainable Green Streets and Parking Lots Design Guidebook received the following award: Outstanding Planning Implementation Award: Innovation in Green Community Planning, presented by the American Planning Association - California Chapter, Northern Section. Everyone is impressed by the Design Guidebook, and the Countywide Program has been encouraged to apply for the American Planning Association's statewide award. Matt expressed appreciation to Laura Prickett for preparing the award application.

2. PRESENTATIONS

- a. Update on Municipal Regional Permit and Preparations for Testifying at May 13 Public Hearing - Matt reported that the Regional Water Board staff has posted all of the comment letters received on the draft permit. Only 11 of 21 municipalities in San Mateo County submitted comment letters. Three of the five state legislators who represent San Mateo County submitted comment letters. The letters recommend that the permit not be adopted on May 13 and that the new requirements need to be phased in and reduced. In addition, these three legislators and five other legislators signed a joint letter to express support for effective measurable reductions in trash to creeks and the Bay. BASMAA met with Tom Mumley, the Regional Water Board's Assistant Executive Officer, and Dale Bowyer to discuss possible changes to the draft permit. Little progress was made. It will be important to have elected officials participate in the May 13 Regional Water Board hearing. The Regional Water Board is currently planning on taking testimony at the May 13 hearing and adopting the MRP in July. It was pointed out that most cities will be adopting their FY 2009/10 budgets in June, and it is difficult to adopt a budget for a draft permit.

Rich Napier talked with the city managers the preceding week, and requested attendance at the hearing. It was agreed to send out a list for cities to identify who will be testifying at the hearing, and Rich will contact cities that need follow up. One suggestion for talking points was to divvy up SMCWPPP's comment letter with local anecdotes.

- b. Countywide Program's Five-Year Budget Estimates to Implement Proposed MRP and Approval of Draft Countywide Program Work Plan and Budget for FY 2009/10 - Matt reviewed the budget material that was handed out at the meeting. The basic stormwater fee remains unchanged each year and the supplemental fee will increase about 1 percent to match the increase in the Consumer Price Index (CPI). He will prepare a model fee resolution for the cities that need this.

He reviewed two options for handling the FY 2009/10 budget. Option A would continue the existing budget, which balances expenditures and revenues, and Option B would include using the fund balance to cover the costs of anticipated additional MRP expenditures. It was agreed to use Option A for the FY 2009/10 budget and to do a mid-year adjustment once the municipal regional permit has been adopted and the new requirements are known. Matt encouraged the subcommittees and TAC to review and comment on the budgets for items that exceed the FY 2008/09 baseline budget.

The projected five-year Countywide Program costs were also reviewed. The Countywide Program is estimated to need an additional \$6 million during the next five years to meet the new permit requirements. These additional costs are primarily associated with additional monitoring and controlling mercury and PCBs. One option would be to use the vehicle registration fees to help cover the budget shortfall provided the use of the funds meets the requirement of having a nexus with vehicles and vehicle infrastructure. C/CAG would look to this TAC for guidance on how to use the vehicle registration fees.

It was suggested that C/CAG fund the costs of a countywide feasibility study for an election to increase the stormwater fee. Funds would need to be included in the budget to survey residents to evaluate the likelihood of success of an election that meets the requirements of Proposition 218.

- c. Update on Preparations for Applying for Proposition 84 Stormwater Grant Funds for Low Impact Development – Matt believes that with Nevue Ngan’s assistance a good grant project will be identified. ABAG is also trying to obtain stimulus funding for constructing green infrastructure. The Countywide Program’s potential Proposition 84 project for \$3 million could be added to a list of projects that ABAG is submitting for stimulus funding because a conceptual design could be completed in a couple of months and the project could be under construction within one year. In addition, the vehicle registration fee demonstration projects in Burlingame and Belmont could also be eligible for funding, which might allow the construction of a more ambitious project or make the planned project more affordable.
- d. Current State Legislation Proposed to Regulate Plastic Bags – Fred Jarvis noted that there are four bills in the legislature that would regulate plastic bags. Two of the bills would impose a point of sale fee of \$0.25 on all single-use bags, which includes plastic, paper, and compostable plastic, and exempts produce bags. These fees would reimburse stores, pay for state oversight and administration, and be returned to municipalities for litter clean up and source reduction and recycling, and reusable bag giveaway programs. It was recommended that information about which bills to support be forwarded to C/CAG.

### 3. SUBCOMMITTEE REPORTS

- a. Public Information and Participation – The subcommittee has not met recently.
- b. Commercial/Industrial and Illicit Discharge – Ward Donnelly reported that the subcommittee met last week. It was agreed to create a new, internal contact list to help inspection staff identify code enforcement and other staff contacts needed to respond to illicit discharges. The subcommittee heard updates on the P3S conference, municipal regional permit, and the Bay Area Pollution Prevention Group. The school maintenance staff version of the Tips for a Cleaner Bay will be sent to the PIP Subcommittee for comments. The training workshop for business inspectors will be held on May 20.
- c. New Development – According to Matt, the subcommittee discussed the municipal regional stormwater permit, the FY 2009/10 work plan, and the Proposition 84 grant project. The green streets training workshop will be held on May 28 at Brisbane. The training will include a field visit to a potential retrofit project site. The Santa Clara Program will hold a similar workshop on May 29 without the field portion of the training. If there is space available after May 11, registration for the training will be opened to builders and their consultants.
- d. Municipal Government Maintenance Activities – A summary of the March meeting was included in the agenda packet. At the last meeting Kristy McCumby-Hyland discussed the City of Sunnyvale’s experience installing and maintaining catch basin inserts that have been certified by the Los Angeles Regional Water Board as achieving full-capture. The maintenance subcommittee will hold its training workshop on June 25.
- e. Parks Maintenance and Integrated Pest Management Work Group – The work group will meet next week.
- f. Watershed Assessment and Monitoring – Dermot Casey noted that the subcommittee believes that the San Francisco Estuary Institute could more cost effectively distribute its Pulse of the Estuary annual report by using more electronic methods. The status of the trash study of San Mateo Creek was discussed. The results of the study to determine sources and pathways of trash will be used to identify solutions. A significant part of the trash problem is caused by littering, dumping and homeless encampments unassociated with storm drain discharges.

4. PUBLIC COMMENTS - None.

### 5. NEXT MEETING

The May TAC meeting will be canceled, and the next meeting will be held on June 16 in Hillsborough.

6. ADJOURNED







## **Watershed Assessment and Monitoring (WAM) Subcommittee Report**

**Meeting Date:** April 9, 2009

**Subcommittee Action:** None.

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

### **Other Information/Announcements:**

- Self introductions were made and the group approved the January 2009 WAM Subcommittee meeting summary.
- At the previous meeting Jon Konnan passed around the 2008 Pulse of the Estuary, an annual user-friendly report that documents activities of the San Francisco Estuary Regional Monitoring Program (RMP). The group briefly discussed the RMP and it was noted that SMCWPPP contributes about 80K each year to this program. In addition, Jon and a few other stormwater program representatives put in a fair amount of time going to RMP meetings and reviewing documents to help look out for stormwater program interests. Production of the 2008 Pulse cost about \$95K, about 3% of the overall RMP budget of approximately \$3.2M. The group wondered whether printing costs could be reduced by distributing more copies electronically.
- Dermot Casey noted that the County collects pathogen indicator data and wondered whether such data could help SMCWPPP comply with a proposed monitoring requirement in the draft Municipal Regional Permit (MRP). Jon noted that the current draft of the MRP does include a requirement to analyze creek water samples for pathogen indicators; however, Regional Water Board staff agreed to remove this requirement at a previous meeting with stormwater program monitoring representatives. Reasons for not collecting such data from creeks include that the protocols/standards developed by USEPA apply to swimming beaches, not creeks. Also, indicator monitoring by itself is not very useful - it needs to be combined with information about recreational exposure before drawing any conclusions about whether recreational beneficial uses exist and are attained.
- Jon reviewed the status of the WAM Subcommittee's FY 2008/09 pilot study in San Mateo Creek to investigate sources/pathways of trash. The study area is an approximate one-half mile reach near the bottom of San Mateo Creek where trash accumulation was identified during our fall 2006 Unified Stream Assessment (USA) creek walk and subsequent trash assessments. Two trash assessments of the entire study area have been completed to-date. The first assessment was in September 2008 and established a baseline before the Coastal Cleanup Day and additional cleanup by City of San Mateo staff. The second assessment was in January 2009 and followed a few rain storms, though no large storms had occurred during the 2008/09 rainy season before this assessment. The primary goal of the second assessment was to determine the amounts, types, and, to the extent possible, sources of trash (littering, dumping, storm drains, etc.) that had accumulated in the study area since the cleanups. About 5,000 trash items were

found in the creek during the January 2009 assessment, confirming that trash accumulation in the study area is an ongoing problem. The group noted that most of the 39 100-ft reaches in the study area had trash levels that exceed the proposed Trash Action Level in the draft MRP. The proportion of trash items in the creek that appeared to originate from littering/dumping fell from about 50% in September 2008 to 33% in January 2009. In both assessments, only a small fraction of the trash could be identified as originating from storm drains (2%). However, the proportion of trash originating from unknown upstream sites increased from 48% in September 2008 to 65% in January 2009. This increase could possibly reflect to some extent trash conveyed to the creek by storm drains with outfalls in the large culvert upstream of the study area. Dermot suggested that a possible follow-up action would be to install baskets under the outfalls in the culvert to determine how much trash they discharge. The group discussed how the study results reveal that a large part of the trash problem is due to problems such as littering, dumping and homeless encampments that should not be regulated through an MS4 NPDES permit. The pilot study also included performing litter audits in January 2009 in the surrounding watershed. One goal was to try and use storm drain maps to connect on-land trash sources with trash that accumulates in the creek, but that generally proved infeasible. However, branding of trash during the audits did reveal some major sources of trash and could help inform outreach and enforcement efforts. A third trash assessment is planned for May 2009, and will provide additional data following a rainy period in late February and early March. Matt Fabry asked whether municipal staff could observe the third assessment fieldwork without interfering with or slowing down the work.

- The group discussed a draft FY 2009/10 work plan for SMCWPPP's WAM component. The work plan focuses on compliance with the water quality monitoring section (Provision C.8) of the MRP, but also includes some tasks that are not strictly required for MRP compliance but would benefit SMCWPPP. Jon noted that the first year monitoring requirements of the five-year draft MRP permit term are mainly dedicated to planning rather than fieldwork and costs will increase dramatically years two through five when the fieldwork kicks in. Jon also noted that there is still a lot of uncertainty in what Provision C.8 will look like once the MRP is adopted. This makes estimating costs to implement C.8 difficult, along with the fact that it is unclear at this point which C.8 requirements would be performed by individual countywide stormwater programs and which will be performed by a regional collaborative of the programs. Jon also noted that a number of requirements that would typically would fall under SMCWPPP's WAM component, including requirements related to pollutants of concern such as mercury and PCBs, are not addressed by the current draft of the WAM component work plan, for lack of existing budget. Jon noted that based on the preliminary estimates the cost for SMCWPPP to implement Provision C.11 and C.12 (mercury and PCBs) of the draft MRP range from roughly 200K to 1.3M per year over the five-year permit term and 200K to 400K per year if BASMAA's requested changes are incorporated into the adopted permit.

**Subcommittee Work That Affects Other Subcommittees: None**

**Next Steps:**

- Jon will ask RMP representatives whether Pulse of the Estuary printing costs could be reduced by distributing more copies electronically.
- Jon will double-check that the relatively high level of trash observed under road crossings in the pilot study area is due to littering/dumping rather than accumulation caused by a constriction of the creek under the crossings.
- Jon will let the group know whether observing the third trash assessment fieldwork is possible, perhaps by scheduling the upcoming WAM Subcommittee field trip during the assessment fieldwork.
- Jon will provide Matt with a cost estimate for implementing the February 2009 draft MRP provisions that typically would fall under SMCWPPP's WAM component, including water quality monitoring and requirements related to pollutants of concern such as mercury and PCBs.

**Next Meeting Date:** The next meeting will be the annual WAM Subcommittee field trip and will likely occur 10am - noon during the second Thursday of either May or June. We will most likely visit the trash pilot study location again, which is a lower reach of San Mateo Creek.



## **Public Information and Participation (PIP) Subcommittee Report**

**Meeting Date:** May 12, 2009

**Requested Technical Advisory Committee Action or Feedback/Guidance:** None needed at this time.

### **Municipal Regional Permit Update**

Matt Fabry provided details on the Board Meeting taking place May 13, 2009. Cities should already have representatives lined up for the meeting. General talking points were given to elected officials for their testimony, and technical staff will be on hand for their testimony after elected officials. The PIP section is expected to be adopted as is, in July.

### **School Maintenance Best Management Practices (BMP) review**

Commercial/Industrial and Illicit Discharge (CII) Workgroup will be adapting the School Maintenance BMP booklet from the Alameda Countywide Clean Water Program. Discussion took place for recommendations and comments on the content that may need changes before going to print with the San Mateo County version. Menlo Park rep, Regina Wheeler, recommended to not only refer to a website for more information, but to have the information printed in an attachment, since not all school maintenance staff will have access to the internet or will follow-up with the additional resources.

Follow-up: Send Mary Bell Austin additional comments/feedback on the booklet by May 20<sup>th</sup> at [maustin@co.sanmateo.ca.us](mailto:maustin@co.sanmateo.ca.us).

### **Regional Advertising Campaign (RAC) Update**

No action has been taken to move the “un.” campaign forward since last meeting. Matt and Lizzy have not heard from Jeff Brousseau of BASMAA and it appears that the campaign has been put on hold.

### **EH Staff Report and Updates**

Sarah is currently attending 5th National Conference for Non-point Source and Stormwater Outreach in Portland, OR. She will give an update at the July PIP meeting.

- **Our Water, Our World** – All stores are setup for spring/summer time shopping (shelf talkers up and fact sheets out). There is a new laminated sheet attached to literature racks “Pests Bugging You? Who Ya’ Gonna Call?” A press release will go out May 18 to advertise the program in our County (it also will be posted on the new “Press Room” page of [flowstobay.org](http://flowstobay.org)).
- **New Material Orders** – Pencils, crayons, fish erasers, fish sponges, bookmarks and three kids activity books were ordered. If cities would like activity books for an event, contact Environmental Health to coordinate pick-up or mailing of materials, [pollutionprevention@co.sanmateo.ca.us](mailto:pollutionprevention@co.sanmateo.ca.us). A new Too Toxic flyer was also designed for in-house printing that fits on a double sided 8 ½ x 11” page. It is comparable to the Too Toxic poster, but divided into three separate flyers by collection regions – north County, south County, and coastside.
- **Water Drop Beanie idea** – The group discussed ordering a water-drop beanie similar to the oil drop beanie that has been popular at oil program outreach events. There is some hesitation about the content of the beanie (non-recyclable and not made of recycled material), as well as its being made in China.

Decision: Do not order water drop-beanie because the group would rather put the SMCWPPP name on a product that follows the message of the program. The beanie does not.

- **Outreach Events** – Attended Marine Science Institute Earth Day on April 18<sup>th</sup> and received local TV coverage for SMCWPP. Attended Belmont Earth Day on April 25<sup>th</sup> where the new watershed model was used. It was a great tool to attract kids to the table and was good for educating kids and parents –

car wash, litter, and pesticides were demonstrated with the model. The bookmark has become a popular give-away, promoting the website and encouraging people to take less paper.

- **Website** – Continued growth in number of visitors to the flowstobay.org site. Many visitors now directed by links from other sites, particularly RecycleWorks and the HHW County page. Top three web page views in March are “Too Toxic,” “Calendar,” and “Spring 2009 P3 Newsletter.” Top three web page views in April are “Calendar,” “Too Toxic,” and “Earth Day.” Top downloads were Sustainable Streets Full Document, Turf Block and Permeable Joint Pavers (New Development), Types of Curb Cuts (Ch5 Sustainable Streets Guide and Stormwater Management Plan

#### **Feedback: CFL Collection Special Event**

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Ten cities (Pacifica, Menlo Park, San Carlos, San Bruno, RWC, Hillsborough, Colma, Burlingame, and San Mateo, Brisbane) participated in CFL collection event during the month of April. Some cities did the event for two weeks while other cities only did the event for a few hours during Earth Day. Success from each event varied widely. The best public participation came from Pacifica, San Bruno and Menlo Park due to the increased advertising, including press releases, posting flyers, web and TV advertising. Other cities only received a couple bulbs due to lack of advertising or opening the event only to city employees. Overall, the group felt it was still a good way to promote fluorescent bulb retail collection locations.

#### **2009-2010 Workplan**

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C/CAG is currently proposing to renew contracts with EOA and County Health. The next PIP work plan will emphasize outreach on litter, pesticides and car washes, as well as increased use of free media. There will also be only half the funding to ZunZun, given that the Used Oil Program has opted out of the contract and will not be sharing the cost for the school assembly program.

#### **Announcements/Questions**

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- Marilyn Harang (Redwood City) - New Redwood Shores Library Branch now open; and it has an environmental resource center.
- Jim Shannon (San Bruno) - San Bruno will be raising their water and sewage rates by 11% and would like information from other cities if they will be raising their rates (including how much).
- Matt Fabry (Brisbane/program coordinator) - San Mateo County Sustainable Green Streets Guidebook has won an Outstanding Planning Award in the category of Innovation in Green Community Planning from the American Planning Association - California Chapter Northern Section. C/CAG will be applying for a statewide award soon.

#### **Distribution**

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New stormwater brochures, “You are the Solution to Stormwater Pollution,” and Fluorescent Bulb Take-Back location brochures were distributed to all attending cities.

**Subcommittee Work That Affects Other Subcommittees:** N/A

**Next Meeting Date:** July 14<sup>th</sup>, 2009 – 10 am to noon at San Mateo County Environmental Health, 2000 Alameda de las Pulgas, San Mateo CA 94403, Atrium Room