



CII Subcommittee Meeting
December 14, 2011 – 1:00 to 2:30 pm
County Environmental Health – Conference Room
 2000 Alameda de las Pulgas – San Mateo

AGENDA

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| 1. | Introductions, Announcements, and Review Agenda
<i>Outcome: Agree on agenda and receive announcements.</i> | 5 min. | <i>Ward Donnelly</i> |
| 2. | Approval of Meeting Summary
<i>Outcome: Approve September meeting summary with any needed changes.</i> | 5 min. | <i>Everyone</i> |
| 3. | Update on Pollution Prevention Group’s Activities
<i>Outcome: Obtain update.</i> | 10 min. | <i>Catherine Allin</i> |
| 4. | Preproduction Plastics Clean Up in San Leandro Marsh
<i>Outcome: Obtain information about inadequate BMPs being used by some plastic material manufacturers and resulting Water Board mandated wetland clean up.</i> | 10 min. | <i>Fred Jarvis/Everyone</i> |
| 5. | Summary of Information Included in Agencies’ Annual Reports
<i>Outcome: Obtain summary of business inspection and illicit discharge control information from annual reports.</i> | 10 min. | <i>Fred/Everyone</i> |
| 6. | Areas for County Environmental Health To Continue to Improve
<i>Outcome: Obtain information.</i> | 10 min. | <i>Dermot Casey/
Everyone</i> |
| 7. | Update from Training Work Group
<i>Outcome: Obtain information on plans for CII Subcommittee-led training in 2012.</i> | 10 min. | <i>Catherine/Dermot/
Rob/Everyone</i> |
| 8. | California State Fire Marshall’s “Water-Based Fire Protection Systems Discharge Best Management Practices Manual”
<i>Obtain information about new manual’s BMPs.</i> | 10 min. | <i>Kristin Kerr/Everyone</i> |
| 9. | Update on BASMAA’s Municipal Operations Committee
<i>Outcome: Obtain update on BASMAA’s planned outreach to carpet cleaners and fleet washers.</i> | 5 min. | <i>Fred/
Everyone</i> |

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|--|--------------------------------|
| <p>10. Share Information on Illicit Discharge and Industrial/Commercial Inspection Problems
<i>Outcome: Identify common problems and gain information on successful ways to resolve them.</i></p> | <p>10 min. <i>Everyone</i></p> |
| <p>11. Agree on Next Meeting Date and Topics
<i>Outcome: Agree on next meeting date of March 21 and topics.</i></p> | <p>5 min. <i>Everyone</i></p> |

DRAFT CII Subcommittee Report

Meeting Date: September 21, 2011

Subcommittee Actions:

- Agreed that the June subcommittee meeting summary was acceptable.
- Agreed to recommend that the PIP Subcommittee develop a sticker that would be put on dumpsters to remind people to close the dumpster lids when not being used.
- Agreed that Matt will prepare information that summarizes inspection documentation concerns raised during the annual reporting. The business inspection work group will meet with Bill Lent and Dermot to discuss this information and how to continue to make improvements.
- Agreed that the stormwater business inspection training will include information about non-stormwater discharges from construction sites that a stormwater business inspector may encounter.
- Agreed to update the illicit discharge field inspection form to match the information on the spreadsheet.

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

Other Information/Announcements:

- **Pollution Prevention Group's Activities.** The work group held a pollutant prioritization meeting. The work group will be engaging BASMAA and the BACWA to have an advertising campaign to control various pollutants. BASMAA has been wavering on whether to participate in the current regional campaign because of a lack of details about what the campaign will consist of.
- **Use of Guidance Materials.** Positive feedback was provided on use of the following guidance: Guidance on Annual Process for Identifying Businesses for Stormwater Inspections and Annual Inspector Training Guidance and Documentation. Dermot provided training for two new retail food facility inspectors and documented the training.
- **Areas for County Environmental Health Improvement.** One of the issues raised by cities as part of preparing their annual reports is that the inspection forms are not being completely filled out. Another issue is that the summary form would not include a violation, but a warning notice had been made to a business. The information being reported by County Environmental Health (CEH) needs to be reported in a way that is understandable by city staff. Dermot will be sending out the first quarter inspection information, and he encourages city staff to talk with their CEH inspector.
- **Identifying Businesses and Facilities Needing Stormwater Inspections.** A number of cities identified businesses that are not on CEH's business inspection list, but should receive stormwater inspections. Some of these businesses are either retail food facilities or hazmat facilities that CEH should be inspecting and others are not. The number of businesses not on CEH's business inspection list ranged from a handful in one city to about 100 in a several others. Dermot noted that CEH's Director has determined that CEH will not be able to take on any additional work because of existing work commitments.

- **Planning for Spring Stormwater Inspector Training Workshop.** Kiley suggested that the training include a module for non-stormwater discharges from construction sites for non-construction site inspectors. This suggestion was agreed to by the subcommittee.
- **MOU.** Dermot reported that about 15 cities have executed the new agreement with CEH to do stormwater inspections of retail food and hazmat facilities.

Subcommittee Work That Affects Other Subcommittees: The PIP Subcommittee should consider developing a dumpster sticker that reminds people to keep the dumpster lids closed when not in use.

Next Steps: Matt to summarize concerns and have business inspection work group meet with CEH to continue identifying improvements. Fred will update field inspection form for illicit discharges.

Next Meeting Date: Subcommittee will meet next on Weds. December 14, 2011 at 1:00 pm. – this will be one week earlier than the subcommittee usually meets.

CII Subcommittee Attendance – FY 2011/12

Name	Agency	PHONE	FAX No.	E-Mail	Sept.	Dec.	March	June
	City of Atherton							
Bozhena Palatnik Gilbert Yau Leticia Alvarez Dalia Corpus	City of Belmont	659 593-7463		Bpalatnik@Belmont.gov	√			
Matt Fabry	City of Brisbane	415 508-2134	415 467-5547	mfabry@ci.brisbane.ca.	√			
Kiley Kinnon	City of Burlingame	342-3727	342-3712	kiley.kinnon@veoliawater na.com	√			
Louis Gotelli	City of Colma	757-8888	757-8890	Louis.Gotelli@colma.ca.us	√			
Ward Donnelly	City of Daly City	991-8208	991-8220	wdonnelly@dalycity.org	√			
Michelle Daher	City of East Palo	853-3165		mdaher@cityofepa.org	√			
Norm Dorais	City of Foster City	286-3279	349-7204	ndorais@fostercity.org				
Larry Carnahan	City of Half Moon	726-88260		larryc@hmbcity.com				
Jen Chen	Town of Hillsborough							
Virginia Parks/ Jennifer Ng	City of Menlo Park	330-6752 330-6743		vkfparks@menlopark.org	√			
Catherine Allin	City of Millbrae	259-2470	259-2398	callin@ci.millbrae.ca.us	√			
Kevin Cesar	City of Millbrae	222-0545		kcesar@ci.millbrae.ca.us				
Lizzy Claycomb	City of Pacifica			jlo@ci. pacificaca.us				
Jason Lo Raymund Donguines	City of Pacifica	738-7456 738-3768		loi@ci.pacificaca.us donguinesr@ci.pacificaca.us	√ √			
	Town of Portola Valley							
Marilyn Harang	City of Redwood City	780-7497	780-7445	mharang@redwoodcity.org				
Gary Lepori	City San Bruno	616-7020		glepori@SanBruno.ca.gov	√			
Mike Dillon	City San Carlos	802-4139		mdillon@cityofsancarlos.org	√			
Shelli St. Clair	City San Mateo	522-7342	522-7351	sstclair@cityofsanmateo.org	√			
Rob Lecel	City of So. San Francisco	829-3882	829-3855	rob.lecel@ssf.net				
Andy Wemmer	City of So. San Francisco	829-3883		Andrew.wemmer@ssf.net	√			
Gratien Etchebehere	Town of Woodside	650-851-		getchebehere@woodside town.org				
Dermot Casey	County of San Mateo	363-4957	363-7337	dicasey@co.sanmateo.ca.us				
Tim Swillinger	County of San Mateo	372-6245	627-8244	tswillinger@co.sanmateo.				
Mark Chow	County of San Mateo	599-1489		mchow@co.sanmateo.ca.				
Matt Fabry	SMCWPPP Coordinator	415 508-2134	415 467-5547	mfabry@ci.brisbane.ca.				
Michael Li/ Peter Fong	SBSA	594-8411 Ext. 139	591-7122	mli@sbsa.org				
Norm Domingo	SBSA	650 594-8411		ndomingo@sbsa.com				
Francis Rooney	SBSA	650-594-8411		frooney@sbsa.com	√			
Cecil Felix	Water Board	510 622-2343		CFelix@waterboards.ca.gov				
Fred Jarvis	EOA, Inc.	510 832-2852	510 832-2856	Fejarvis@eoainc.com	√			
No. Attending					16			

California Regional Water Quality Control Board
San Francisco Bay Region
EXECUTIVE OFFICER'S REPORT

A Monthly Report to the Board and Public

November 2011

The next regular scheduled Board meeting is November 28, 2011.

See <http://www.waterboards.ca.gov/sanfranciscobay/> for latest details and agenda

Items in this Report (Author[s])

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The Moon Hides While Nurdles Rise in San Leandro (Christine Boschen)

To fulfill the requirements of a Water Board Cleanup and Abatement Order, the cleanup of spilled pre-production plastic from the salt marsh at Oyster Bay Regional Shoreline in San Leandro started on October 28. Pre-production plastic, often referred to as “nurdles”, is a key component in plastic debris fouling California’s waters and the world’s oceans. The cleanup, the direct result of a first-in-the-nation targeted inspection effort by this Water Board, the State Board, and U.S. EPA, was kicked-off with a press release and media event attended by the Board’s Christine Boschen and Bruce Wolfe and representatives of the State Board and U.S. EPA. Numerous members of the media watched as two-person crews hired by the parties responsible for the spills swept the marsh with large pool skimmers picking up nurdles discharged from nearby storm drains and trash washed in from the surrounding area.

How did this come to happen?

Word’s gotten out that plastic marine debris (including nurdles) is a major water quality problem. So much so that the California legislature created a law requiring the State and Regional Water Boards to target pre-production plastic pellet releases in our inspections of industrial facilities and associated enforcement campaigns. In response, we formed a work group with members from State Board and U.S. EPA to tackle this problem. We kicked off our inspections in San Leandro in fall 2009, and were surprised when, on our first day out, we spotted a plastic bag manufacturer with significant plastic pellet releases outside its facility. We were further surprised to see that its pellets had made their way via the storm drain system to the nearby salt marsh at the East Bay Regional Park District’s Oyster Bay Regional Shoreline. (Photos 1a-1c)



Photo 1a. Exterior of Metro Poly, 2009.



Photo 1b. Exterior of Metro Poly, 2009.



Photo 1c. Nurdles in Pickleweed at Oyster Bay marsh, winter 2010.

Tracing our way back up the storm drain system, we found three other businesses with significant plastic pellet releases. All four facilities (three plastic bag manufacturers and one auto bumper manufacturer) are now named in Cleanup and Abatement Order, No. R2-2011-0033 (CAO). The CAO requires the responsible parties to clean up pellets from their facilities, install the necessary equipment to prevent future spills, and participate jointly cleaning up the Oyster Bay marsh. To compensate for any unrecoverable pellets that have already washed out of the marsh into the Bay and beyond, the responsible parties will also be removing other types of trash in the marsh and Bay margin.

...And the new October moon?

Picking pellets out of a salt marsh is tricky. The fact that the marsh is home to the endangered Salt Marsh Harvest Mouse and the California Clapper Rail makes the task even trickier! That's where the new moon comes in: when the salt marsh floods during extreme high tides, which coincide with the new moon, nurdles float up out of the vegetation where they can be picked from the water surface by hand—or, in this case, by modified pool skimming nets. The high tides are also critical because during this time the animals living in the marsh move to higher ground, which allows workers to slowly pick their way through the marsh without disturbing wildlife. To avoid Clapper Rail nesting season, cleanup can only happen from October through January. The CAO requires the responsible parties to clean up the marsh over two seasons

(October '11 – January '12 and October '12 – January '13). This season, there are seven possible extreme high tides. Next season, there are nine. Cleanup will extend through that entire period or will wrap up earlier if we determine that the area is clean.

Can nurdle discharges be controlled?

The good news is that keeping pellets from leaving an industrial facility is easier than one might think. With a few targeted facility upgrades and good old-fashioned housekeeping (known collectively as Best Management Practices or BMPs), zero pellet spillage and loss is possible. In fact, the four sites named in the CAO have already made the necessary improvements to their facilities and practices. (Photos 1d & e)



Photo 1d & 1e. Proper seal and containment systems for pellet transfer, 2011, ePoly Star.

From a regulatory perspective, we now have models for inspections, enforcement, and cleanup that we can apply around the Region. Armed with our inspection and enforcement procedures, a list of industry-specific BMPs, and a good idea of where we will find other plastic manufacturers, we plan to build upon our efforts in San Leandro. We recognize that cleaning pellets out of wetlands is not enough. We hope our efforts will result in an increase in public and industry awareness regarding the use and disposal of plastics in the environment and the damage that polluted stormwater discharges can cause.

**WATER-BASED FIRE PROTECTION
SYSTEMS DISCHARGE
BEST MANAGEMENT PRACTICES MANUAL**



California State Fire Marshal



*In cooperation with
Division of Water Quality
Storm Water Section*

September 2011

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Executive Summary

In response to a request by the National Fire Sprinkler Association, the State Fire Marshal convened a Water Discharge for Fire Protection Task Force under the State Fire Marshal Automatic Extinguishing Systems Advisory Committee to review and develop a guideline for the discharging water from fire protection systems. The task force was established with representatives from various agencies and organizations which included both government and industry. The purpose of the Task Force was to develop a set of Best Management Practices for Contractors State License Board licensed contractors, State Fire Marshal licensed companies and the fire service; to discharge water from a fire protection systems and to provide guidance regarding the practices to control possible contamination of California waters when maintaining fire suppression systems.

Overview

This manual is intended to give persons discharging water (Discharger) from a water-based fire protection system and the municipal separate storm sewer system (MS4) operators a common set of best management practices (BMP) for the proper processing of water discharged from a fire protection system.

The types of discharge covered in this manual are associated with:

- Water-based fire protection system acceptance testing.
- Periodic water-based fire protection system testing and maintenance.
- Fire hydrant testing.
- Water-based fire protection system leaks and emergency repairs.

Purpose and Scope

The purpose of this document is to provide a set of BMP to affected parties in the State of California with a range of procedures for mitigating the discharge of water from a fire protection system to municipal storm sewer systems in a manner consistent with the protection of life property and the environment. It is not to provide a day-to-day field manual for dischargers but rather a set of options (tools) from which dischargers and local agencies may select and customize for their particular needs and settings. Dischargers are encouraged to contact the operator of the receiving MS4 system to discuss any specific discharge requirements.