

Dry Weather Monitoring Workgroup-DRAFT Meeting Summary
City of Santee, 10601 Magnolia Avenue, Santee, CA 92071
Tuesday March 17, 2009
10:00 am – 12:00 pm

1. Introduction

Attendees:

	Name	Organization
1.	Helen Perry	City of Santee
2.	Malik Tamimi	City of La Mesa
3.	Annie Hill	Airport Authority
4.	Damon La Casella	Port of San Diego
5.	Nicki Branch	City of Escondido
6.	Vasana Vipatapat	City of Escondido
7.	Jeff Warner	EDAW
8.	Doug Coppi	City of Vista
9.	Jaime Campos	City of El Cajon
10.	Dr. Arsalan Dadkhah	City of National City
11.	Crystal Grover	DMAX Engineering, Inc.
12.	Jeff Higbee	City of Carlsbad
13.	Tim Murphy	City of Carlsbad
14.	Chris Helmer	City of Imperial Beach
15.	Marisa Fontanoz	City of Chula Vista
16.	Steven DiDonna	County of San Diego
17.	Jessica Erickson	City of San Diego
18.	Martin Buelna	City of San Diego
19.	Courtenay White	City of San Diego
20.	Garret Williams	Weston Solutions
21.	Dr. Gretel Roberts	Weston Solutions

2. Approval of previous minutes

The Dry Weather Monitoring Workgroup Draft Meeting Summary from February 18, 2009 was approved with one change for Item 5 (1) second sentence to read D-Max currently has data for all the Copermittees from 2002 and needs to collect data from *the following* Copermittees. Change “*the following*” to “*several*”.

3. Update on data sharing format for 2008 dry weather monitoring data and its submittal to Weston.

Copermittees are reminded to submit 2008 dry weather monitoring data to Andrea Crumpacker from Weston Solutions by May 1, 2009 and to Cc: Jo Ann Weber with the County of San Diego.

4. Update on MS4 Outfall Monitoring Program and reminder that data is due to Weston by August 1, 2009.

MS4 Outfall Monitoring data is due on August 1, 2009. Andrea Crumpacker from Weston Solutions will provide information on data submittal and if there is a form or

field sheet to fill out. Alison from the City of Oceanside and Mayela from the City of Encinitas had contacted Helen Perry with several questions about the MS4 Outfall Monitoring Program Workplan. The workplan was revised by Weston on March 18, 2009 and was distributed to all of the Regional Monitoring Workgroup participants on March, 18, 2009 via email from Jo Ann Weber (County of San Diego).

5. Update on review of action levels for dry weather monitoring.

The City of La Mesa generated a purchase order on behalf of the Copermittees to enable D-Max to proceed with work to suggest revised action levels. D-Max started working with the data last week Friday. Data has been received from all the Copermittees. Several Copermittees expressed concerns/questions. Malik Tamimi forwarded these questions on to D-Max for a response. Dr. Arsalan Dadkhah provided an update and addressed each of the questions. The following provides a summary of responses:

1. Bacteria data from first visit and not follow-up inspections will be utilized.
2. Final letter will be a suggestion and not recommendation for the bacteria action levels.
3. Software "R" was used for the statistical analysis in establishing previous bacteria action level. Data has been plotted and is scattered. D-Max is studying which type of statistical analysis software would work best.
4. Jurisdictions will be contacted before deciding whether or not data will be considered outliers.

6. Discuss development of workplan and budget for FY 2009-10

The Dry Weather Workgroup is a sub-workgroup of the Regional Monitoring Workgroup. The sub-workgroup requirements are different than other workgroups based on the Copermittee 2007 MOU. Helen Perry presented several objectives that include the following:

1. Coordinate the timely submittal of jurisdictional data (dry weather monitoring and targeted MS4 outfall monitoring) to the consultant working on the Regional Monitoring Report.
2. Complete tasks relating to dry weather monitoring delegated by the Regional Monitoring Group.
3. Provide a forum for discussion of dry weather monitoring issues and monitoring best practices.
4. Provide an annual update on the activities of the dry weather monitoring group for incorporation into the Regional Urban Runoff Management Plan (RURMP) Report.

There was no discussion on these specific points, however Garrett Williams made some additional suggestions. He discussed how the dry weather group could be looking at how they can retool the methods that they use for dry weather monitoring and illicit discharge

investigation to identify sources of pollution. He also stated that the group could be looking ahead at the next permit cycle to see what we would want in the next permit and be proactive in preparing for TMDLs. He distributed some information on analytes to assess general chemistry that he considered useful in dry weather monitoring programs.

Many of the techniques that Garrett Williams mentioned have already been used by Copermittees in their investigations. Nitrates, and whether they originate from groundwater or from other sources, have had particular attention. It was agreed that experience from these investigations should be should be shared at the next meeting.

Note: Helen Perry (City of Santee) and Jaime Campos (El Cajon) will be presenting information on their research into nitrates, and whether they originate from groundwater at the next meeting.

7. Update trash assessment worksheet: development of threat to human health and threat to aquatic health criteria.

Discussion on establishment of metrics related to trash worksheets. The group reviewed the City of San Diego's Trash Assessment Worksheet with respect to the threat to aquatic health and human health parameters. There are five categories with good descriptions (1 being Optimal and 5 being Very Poor). In order to provide updates to the regional Trash Assessment Form used during dry weather monitoring, the group discussed the possibility of using some of these descriptions in the form. The City of San Diego has a "very poor" category that is different than the San Francisco form. The City of San Diego added the fifth category per direction from the Regional Water Quality Control Board. This topic will be discussed again at the next Dry Weather Monitoring Meeting in April 2009.

8. Identifying and Addressing Bacterial Sources - Dr. Gretel Roberts of Weston

Solutions. Dr. Roberts lead a discussion on identifying and addressing bacterial sources in the context of the approaching bacteria TMDLs. She presented the results of the City of San Diego bacteria source ID study in Tecolote Creek. The study looked at various land uses to characterize bacteria loading from these areas in both dry and wet weather. In addition, the study looked at species of bacteria to detect human contamination. Dr. Roberts' presentation drew on the Tecolote Creek project that was conducted by the City of San Diego and described the techniques that can be used to better understand bacterial sources.

9. Other Items

- a. City of San Diego presented their observations related to their dry weather monitoring program for group discussion.
- b. Weston provided some information about General Mineral Analysis as a potential method for detecting ground water intrusion.

10. Next meeting to be held at the Port of San Diego, 3165 Pacific Highway, San Diego, CA. 92101 on Wednesday, April 22 from 10am-12pm.