

## San Diego Stormwater Copermittees Dry Weather Monitoring Workgroup February 14, 2007 Meeting Summary

### 1. Introductions/Updates

#### Attendees

Name	Organization
Coppi, Doug	City of Imperial Beach
Crumpacker, Andrea	Weston Solutions
Cruz, Dan	City of Coronado
Dadkhah, Arsalan	D-Max Engineering
Edwards, Jason	City of San Diego
Erickson, Jessica	City of San Diego
Fontanoz, Marisa	San Diego County Regional Airport Authority
Goodell, Kevin	City of Oceanside
Hartman, Paul	City of Carlsbad
He, Li-Ming	County of San Diego, Watershed Protection Program
Hudgens, Sean	Port of San Diego
Long, Cora	City of Lemon Grove
Najera, Crystal	City of Del Mar
Renfrew, David	Weston Solutions
Tamimi, Malik	City of La Mesa
Wisniewska, Joanna	County of San Diego, Watershed Protection Program

### 2. 2005 Dry Weather Monitoring Results

Andrea Crumpacker from Weston Solutions presented to the Workgroup the 2005 regional dry weather monitoring results. Twenty of 21 Copermittees submitted the 2005 dry weather monitoring data collected from 825 monitoring sites throughout the San Diego region during the 2005 monitoring period. 687 tests out of the total of 9103 tests exceeded dry weather action levels. While using the relative percent exceedance, i.e., the number of exceedances for a constituent is divided by the total number of samples for that constituent, total coliform showed the most frequent exceedances (38.7%), followed by *Enterococcus* (17.5%), fecal coliform (11.6%), and nitrate (10.8%). Total coliform was the constituent with the highest rate of exceedance for residential, commercial, industrial, parks and open land use categories. For agricultural and rural residential land uses, nitrate was the leading constituent of exceedance. Bacterial action levels were most frequently exceeded in almost all conveyance types including manmade and natural channels. The frequency of exceedance was usually higher in manmade

conveyances except for nitrate. The Powerpoint presentation will be posted on the Project Clean Water website: [www.projectcleanwater.org](http://www.projectcleanwater.org).

### 3. 2006 Dry Weather Monitoring Data Submittal

The Workgroup appreciated efforts made by Copermittees or agencies to submit 2006 dry weather monitoring data and encouraged those who have not yet submitted data to do so as soon as possible. In the mean time, the data quality issue was discussed at the meeting. It is critical that each and every Copermittee or agency follows the datasharing format and submit accurate data as these data will be used to assess watershed water quality conditions in the San Diego region. Based on the 2005 data submittal the problematic areas (fields) included the following:

- Inconsistent analyte names or invalid entries
- Non-numeric entries in the “Results” column
- Incorrect units, especially for conductivity

It was agreed at the meeting that the Copermittees’ 2006 dry weather monitoring data will be checked for data quality by Andrea (Weston Solutions) when received. If there are any data quality issues found in the submitted data, a notice of summary for data quality issues will be sent by the workgroup to the Copermittee or agency for taking actions such as data correction or clarification. It is Copermittee’s or agency’s responsibility to resubmit corrected data to Weston Solutions in a timely manner.

### 4. New Permit (Order NO. R9-2007-0001) Issues Pertinent to Dry Weather Monitoring

The new Permit requires a trash assessment that includes trash spatial extent, amount, and types for all dry weather monitoring sites. The Workgroup intend to develop appropriate guidelines for the qualitative trash assessment. Potential mechanisms were discussed on how to effectively record such information in the field sheet and subsequently report these data using the existing datasharing format. The spatial extent may be expressed as a spatial area (e.g., squared feet), which should be within the immediate visibility from a dry weather monitoring site, and a percent coverage of trash present in that spatial area. The maximum visible distance was envisioned to be approximately 300 feet. The trash amount may be estimated given the estimated spatial area, percent coverage, and thickness. The trash thickness may be estimated at a site. The types of trash present at a site and its vicinity will be discussed at next workgroup meeting. In the meantime, attached are guide documents that were developed by the City of San Diego and D-Max Engineering for trash assessment in. Copermittees are encouraged to review the attached documents and provide your feedback to the March 14, 2007 meeting.

Note: The Regional Monitoring Workgroup has directed the workgroup for qualitative trash assessment strategy per discussions with RWQCB.

#### **Aug 30<sup>th</sup>- 2006 RWQCB response to Copermittee comments:**

**Comment:** The Copermittees propose a visual, qualitative assessment for trash at selected stations in the MS4s and receiving waters similar to the evaluations conducted for Chollas Creek and Forrester Creek. We anticipate integrating this program with selected stations identified in the Dry Weather and the newly required MS4 Outfall Monitoring programs. Moreover, visual observations for trash will be included at mass loading stations and temporary watershed assessment stations. Data from the trash assessments will provide feedback to the municipalities and will aid in prioritizing MS4 maintenance cleaning. In addition, the Copermittees anticipate that this information will be combined with the quantity of waste removed from the MS4s as part of the record keeping for the maintenance and cleaning activities required in Section D.3.a.(3)(b).iv.

**Response:** The Copermittees' recommendations are not inconsistent with the requirements of the monitoring program. However, for clarification purposes the trash monitoring requirements have been incorporated into MLS, TWAS, and IC/ID monitoring requirements. In addition, the language requiring trash assessment has been modified to allow the type of qualitative assessment proposed by the Copermittees. It should be noted that any qualitative trash assessment proposed by the Copermittees must serve to meet the goals of the monitoring program.

## 5. Next Meeting

Next Workgroup meeting is scheduled on March 14, Wednesday, 2007 from 10 am to noon at 9325 Hazard Way, San Diego, CA 92129.