

# STORMWATER QUALITY STANDARDS TASK FORCE

## MEETING SUMMARY

February 11, 2010

### PARTICIPANTS

Joanne Schneider (via conference call)  
Gerry Thibeault  
Dave Woelfel  
Richard Meyerhoff  
Dan Bounds (via conference call)  
Susan Paulson  
LeAnne Hamilton  
Amanda Carr  
Marsha Westropp  
Larry McKenney  
Jason Uhley  
Jessica Chin  
Tim Moore  
Jeff Beehler  
Mark Norton  
Dawna Munson

### REPRESENTING

Santa Ana Regional Water Quality Control Board  
Santa Ana Regional Water Quality Control Board  
Santa Ana Regional Water Quality Control Board  
CDM  
CDM  
Flow Science  
Inland Empire Utilities Agency  
County of Orange  
Orange County Water District  
RBF (Consulting for County of Orange)  
Riverside County Flood Control and WCD  
Consultant  
Risk Sciences  
Santa Ana Watershed Project Authority  
Santa Ana Watershed Project Authority  
Santa Ana Watershed Project Authority

### INTRODUCTIONS AND OPENING COMMENTS

The Stormwater Quality Standards Task Force meeting was called to order by Larry McKenney at the Santa Ana Watershed Project Authority, Riverside, California. Brief introductions were made by the participants.

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#### Task Force Updates

- Dave Woelfel said the documents are still under review and there is no news to report.
- Larry McKenney provided a brief review of the CEQA scoping meeting held January 28th.

#### Technical Task Update (CDM)

Dan Bounds updated the Task Force on the following:

**Finalize UAA Tech Docs** – CDM has collected and addressed all the comments, which will be forwarded to Jeff Beehler for posting.

**Finalize REC Use Survey Docs** – All are complete draft documents and will be forwarded to Jeff Beehler. They still need to summarize all the efforts.

**Request for Information: Field Visit Documentation** – Dan Bounds requested that if anyone has any items to add for the record, i.e. photo documentation etc., to get it to Jeff Beehler within the next two weeks. It all will be incorporated into a CD.

**Preparation of CEQA Functional Equivalent Document** – Now that the CEQA scoping is finished, Dan Bounds will work via conference call with Tim Moore and Joanne Schneider on this document.

**Anti-degradation Water Quality Analysis – Update** – The analysis is complete and they will do a QA/QC on it.

### **Basin Wide Compliance Analysis (CDM)**

Dan Bounds said that they have taken more basin-wide steps. They need the Orange County GIS information for the drainage. Larry McKenney will contact Chris Crompton to check on its status.

### **High-flow Suspension: Supporting Text (CDM)**

Dan Bounds said that the most time and effort was spent on the high-flow suspension text, pulling together correlations or supporting information for what's being proposed as an amendment to the Basin Plan: 8 feet/second velocity and 10 feet squared per second depth velocity product. They're initially seeing that both may be necessary. For the Delhi Channel, the depth velocity product correlates well with the half-inch rainfall event and events around one-half inch. The velocities of 8 feet/sec typically are slower. For the Temescal and Cucamonga Creeks, the depth velocity products are not correlating well, but the velocities being about a half-inch storm events, are coming in around 10-12 feet per second and correlating well. Overall, everything on the depth velocity product and velocity as a proposed amendment is within the range of the half-inch storm events; the data supports that well. The write up should be ready in about one week.

Joanne Schneider said that a staff report needs to be prepared describing the high flow suspension rationale and how the Task Force came to identifying the criteria that we propose to use for that suspension. The language should explain the basis of and provide support for the high-flow suspension. Extensive discussion ensued as to the level of detail to include, and developing a monitoring plan and implementation measures.

### **Task Force Process Summary (Risk Sciences)**

Tim Moore distributed the *Outline for the Storm Water Quality Standards Task Force Process* and said that he prepared this outline as requested at last month's meeting. It's a description of the deliberation process the Task Force used to come to its recommendations—how we did our work. It lays out the objectives and emphasizes that it reflects our bias in terms of talking about pathogens first and uses second.

The outline lists the three objectives this Task Force set out to do: 1) to update the water quality objectives and pathogen indicator objectives based on the best available scientific information; 2) to insure that we properly designated all the fresh water lakes and streams to which those objectives are going to be applied, and 3) to develop an implementation plan including water quality monitoring program to determine whether the standards are being obtained.

Next on the outline is the Task Force's approach, beginning with reviewing the scientific basis for the current objectives and the proposed objectives, which includes the original epidemiological studies for primary and secondary contact. This review also included looking at relevant Federal guidance as to implementing water quality standards for bacteria, the State Board policy guidance and precedential decisions related to implementing these kinds of objectives and standards, and studying the implementation strategies that other states have used and the EPA approved.

The next section outlines the work on local issues, the activities such as characterizing the range of recreational uses likely to occur in local streams and creeks. These include the site visits, the video cameras, the aerial recon, the field validation surveys done, expert interviews, etc. as a way of cataloging our basis for understanding the uses and the nature of those uses as they actually occur.

Mr. Moore reviewed the other activities and studies in the outline including the deliberation process, the axioms used, developing the recommendations using the Delphi technique, a summary of the evolution of alternatives considered, and the strawman 1 and 2 of test proposals. He then reviewed the handout section on the Task Force Review Process, where he emphasized the level of participation that has been provided for (i.e. meeting notices, emails, Web postings, ability to participate by phone, etc.). This section also will include listing the progress reports to the Regional Board, and may include a date list of meetings, and list of participants.

The Task Force members provided feedback as to clarifying and strengthening the outline. They concurred that the outline is on point as presented. Mr. Moore said that the first version of it, incorporating today's comments, will be ready next week.

**MS-4 Permit Requirements (Risk Sciences)**

Larry McKenney said that two permits were adopted recently and he briefly discussed how they fit with the Task Force effort

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**Revised EPA Bacteria Criteria** – A draft should be ready within the next two weeks.

**Implementation Plan** – Tim Moore will work on in draft in the last week of February.

**Monitoring Plan** – Jessica Chin has been asked to help with the monitoring plan. CDM and Joanne Schneider will review the outline. If everyone agrees that it's good, they'll release it to Ms. Chin to start writing it. The Task Force will see the draft and be kept in the loop as well.

There's an enormous amount of work to be done within the next three weeks. Larry McKenney commented that it would be great if all the documents are in the Task Force's hands at least a week before the next meeting. Everything should be ready three weeks from tomorrow (March 5).

The meeting adjourned at 1:00 p.m.

The next meeting is tentatively scheduled for Wednesday, March 17, 2010; 1:30 p.m.