

**Minutes of the
ASBS Natural Water Quality Committee**
October 26, 2009
By teleconference

Members in attendance:

Andrew Dickson - Scripps Institution of Oceanography
Rich Gossett - CRG Marine Laboratories
Dominic Gregorio - State Water Resources Control Board
Bruce Posthumus - San Diego Regional Water Quality Control Board
Kenneth Schiff - Southern California Coastal Water Research Project
Steve Murray - California State University Fullerton
Burt Jones - University of Southern California

Members absent:

None

Others in attendance:

Connie Anderson – State Water Resources Control Board
Dane Hardin – Applied Marine Sciences
Kimberly O’Connell - UCSD
Alan Waltner – Attorney
Angie Anerenberg – Monterey Bay Aquarium

Dominic Gregorio began the meeting at 10:20 AM. There were six items on the day’s agenda: 1) Introductions, updates and approval of minutes; 2) preliminary regional southern California and statewide monitoring results presentation; 3) status report on a case study with the Ocean Observing system; 4) intertidal biological monitoring update; 5) update on the total residual chlorine and TCDD white papers; and 6) Review timeline, discussion and next steps. Ken asked to add one more item to the agenda; 7) review outline for the Final Report.

The minutes from August 25, 2009 were reviewed and, with minor edits, were approved by the NWQC. Dominic will make the edits and mail out to the NWQC.

Connie Anderson announced a competitive grant from NOAA available to the SWRCB. Awards range from \$25,000-\$35,000 per grant. Go to <http://mpa.gov> for more information.

Ken Schiff led the second item and discussed the preliminary results from the southern California regional monitoring. He started with a review of the wet weather chemistry results presented at the previous meeting. His summary of the statewide monitoring

included: 1) with the exception of total PAH and chromium, water quality in ASBS following wet weather events during the winter of 2008-09 did not exceed Ocean Plan standards very frequently for most constituents; 2) no strong signal was observed in pollutant concentrations from pre- to post-storm; and 3) very few samples exhibited any sign of toxicity to the purple sea urchin.

As for the regional southern California monitoring, Ken was able to illustrate three points; 1) with few exceptions, sampling effort produced the desired number of samples; 2) reference sites and discharge sites had similar distributions for the 18 constituents evaluated; and 3) reference sites had similar distributions pre- to post-storm; and 4) with the exception of total PAH, the mean concentration for 10 constituents were below Ocean Plan standards.

Burt Jones led the third item on integration with the Ocean Observing System (OOS). His presentation started with a background description of the OOS. He then showed some example data products, including surface current vectors for the Malibu and San Diego ASBS. Burt then showed an example of a plume probability map in the San Diego area near the Pt Loma wastewater outfall. The action item from this topic was:

- Burt will attempt to develop a plume probability map for the La Jolla/SIO and Malibu ASBS by the next meeting.

Dominic filled in for Pete Raimondi, who was out in the field, and led item number 3. He is currently working on site selection for southern California. At least one site will fall in every so cal ASBS.

Rich Gossett led item 4, review of the white paper on Total Residual Chlorine (TRC). An electronic copy was distributed. The action item from this topic was:

- Members of the NWQC will review the edits to the TRC white paper and send their comments to Dominic.

Ken Schiff led the 6th item on the Annual Report. Dominic and Connie were currently busy on other projects and likely would not get to the NWQC Final Report until Feb or March. In addition, SIO's exception/permit will likely also be delayed. The NWQC agreed on the following items:

- Ken will take the first attempt at writing the report. Subsequent sections can be written and reviewed by the other NWQC members.

The meeting was adjourned at 12:05