

FINAL

**STATE OF CALIFORNIA CONSTITUENTS OF EMERGING CONCERN
COASTAL AND MARINE ECOSYSTEMS SCIENCE ADVISORY PANEL**

**JANUARY 31-FEBRUARY 1, 2011
MEETING AGENDA**

To be held at:

**NOAA Center for Coastal Environmental Health and Biomolecular Research
219 Ft. Johnson Road, Charleston, SC 29412-0607
(843) 762-8511**

PLEASE NOTE ALL TIMES ARE EASTERN STANDARD TIME

Monday, January 31

8:00 – 5:00 Panel Discussion (closed session)

Tuesday, February 1

8:00 – 2:45 Panel Discussion (closed session)

3:00 – 4:00 Panel report out and discussion (open to public via conference call; see below*)

3:00 – 3:20 Progress on Tasks, Schedule

3:20 – 3:50 Public comments

3:50 – 4:00 Summary -- Action items and future milestones/meetings

4:00 Adjourn

*For members of the public who wish to participate in the Panel report out and discussion:

Dial **201-793-9022**

When prompted enter the following Conference Room Number: **1225416**

Charge Questions:

1. What are the relative contributions of contaminants of emerging concern (CECs) discharged into coastal aquatic systems* from wastewater and stormwater?
2. What specific CECs, if any, are most appropriate for monitoring in discharges to coastal aquatic systems and what are the applicable monitoring methods and detection limits?
3. How are these priority constituents affected by the chemistry, biology and physics of treatment in wastewater systems, by discharge into and transport by coastal streams, rivers and estuaries, and as a result of mixing and dilution with receiving coastal and ocean waters?
4. What approaches should be used to assess biological effects of CECs to sentinel species in coastal aquatic systems?
5. What is the appropriate design (e.g. media, frequency, locations) for a CEC monitoring and biological effects assessment program given the current state of the art for monitoring methods, and what level of effects will be detectable with such a monitoring program? How does the sensitivity of the monitoring and assessment program vary with investment?
6. What concentrations of CECs or levels of biological effects should trigger further actions and what options should be considered for further actions?

** Coastal aquatic systems are defined as the territorial marine waters of the State as defined by California law, i.e. those extending out to three miles and including releases outside three miles that impact state waters and all ground and surface waters of fresh, brackish or saline waterbodies within state boundaries that are hydraulically connected to the coastal ocean*