

FINAL

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

**MARCH 22 - 23, 2012
MEETING AGENDA**

**To be held at:
San Francisco Estuary Institute
4911 Central Avenue
Richmond, CA 94804**

(Parking is available along the east end of the building)

**Public portions of meeting will be webcast
(see pg. 2 for Instructions)**

Thursday, March 22

8:00 – 5:00 Panel Discussion (closed to public)

Friday, March 23 (open to public)

8:00 -- 9:00 Reception and Coffee

9:00 – 12:00 Panel report out and discussion

9:00 – 10:00 Summary of Panel response to public comments

10:00 – 11:45 Public comments

11:45 – 12:00 Summary of action items and future schedule

12:00 Adjourn

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INSTRUCTIONS FOR REMOTE PARTICIPANTS

Audio will be provided by phone.

Call-in number: 1-888-296-6500

Code: 477179#

Note: To avoid noise issues, all remote guests may be muted for portions of the meeting not devoted to question-and-answer. Muting and unmuting will be announced by meeting organizers.

Real-time viewing of presentations made during the public report out will be webcast via GoToWebinar.

GoToWebinar address:

<https://www3.gotomeeting.com/register/926923222>

Please pre-register for the meeting webinar in advance, and connect at least 15 minutes ahead of time to ensure you do not miss the beginning of the meeting.

System Requirements

PC-based attendees

Required: Windows® 7, Vista, XP or 2003 Server

Macintosh®-based attendees

Required: Mac OS® X 10.5 or newer

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Charge Questions:

1. What are the relative contributions of contaminants of emerging concern (CECs) discharged into inland freshwater and coastal aquatic systems^ from wastewater and stormwater?
2. What specific CECs, if any, are most appropriate for monitoring in discharges to inland freshwater and 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 streams, rivers, lakes and estuaries, and as a result of mixing and dilution with receiving fresh, brackish and ocean waters?
4. What approaches should be used to assess biological effects of CECs to sentinel species in inland freshwater and 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?

^ Inland freshwater systems refer to surface waters including streams, rivers, lakes and reservoirs. Coastal aquatic systems are the territorial marine waters of the State as defined by California law, i.e., those extending up to three miles offshore. This question also refers to releases outside three miles that impact state waters or any ground and surface waters (fresh, brackish, or saline) within state boundaries that are hydrologically connected to the coastal ocean.