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

JANUARY 12, 13 & 15, 2010 MEETING AGENDA

To be held at:
Southern California Coastal Water Research Project
3535 Harbor Blvd. Suite 110, Costa Mesa, CA 92626

Tuesday, January 12 (open to public)

8:00 Coffee & pastries

8:30 Welcome & Introductions

Steve Weisberg
SCCWRP

Project Goals and Panel Charge

8:45 State Water Resources Control Board

Jonathan Bishop
California Water Resources Control Board

9:15 Linking knowledge with action

Kai Lee
Packard Foundation

9:35 CA Ocean Protection Council

Amber Mace
California Ocean Protection Council

10:00 – 10:30 BREAK

Background and Case Studies

10:30 Emerging contaminants and protection of aquatic life: prioritization and identification

Gary Ankley
U.S. Environmental Protection Agency

11:15 Monitoring for the occurrence and effects of endocrine disrupting chemicals in fish

Don Tillitt
U.S. Geological Survey

12:00 – 1:00 LUNCH (provided on site for \$10)

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Background and Case Studies (cont.)

1:00 CECs in California's Coastal & Marine Ecosystems

Southern California Bight

Joe Gully

Los Angeles County Sanitation Districts

San Francisco Estuary

Susan Klosterhaus

San Francisco Estuary Institute

2:00 Prioritizing CECs for coastal monitoring:
Mussel Watch California pilot study

John Christensen
NOAA

2:30 – 3:00 BREAK

Stakeholder Perspectives

3:00 NGOs

Linda Sheehan

California Coastkeeper Alliance

3:20 Wastewater Community

Jim Colston

Tri-TAC

3:40 Analytical Services

Howard Bailey

Nautilus Environmental

4:00 Stormwater Community

Chris Crompton

County of Orange

4:20 Public Comments

4:50 Review of Panel Charge and Panel Feedback

5:00 Adjourn for the day

Wednesday, January 13 (Closed session; panel members only)

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

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Friday, January 15

Panel Report Out (open to public)

8:30	General Approach, Tasks and Schedule	Panel Chair (TBD)
9:15	Public comment and questions for Panel	
10:00	Summary and future meeting schedule	Keith Maruya SCCWRP
10:15	Adjourn	

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*