

FINAL

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

**SEPTEMBER 30 – OCTOBER 1, 2010
MEETING AGENDA**

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

Public portions will be webcast and recorded

Thursday, September 30

8:30	Welcome & Introductions	Steve Weisberg SCCWRP
		Lola Olabade WERF
8:45	Panel Charge & Conceptual Approach	Dan Schlenk Panel Chair
9:30	Special Studies to Support Panel	Keith Maruya SCCWRP
10:15	BREAK	
10:30	Diagnostic Tools to Evaluate Impacts of Trace Organics on Aquatic Populations and Communities	Jerry Diamond Tetra Tech
11:30	Public comments/questions	
12:00 – 1:00	LUNCH (provided on site for \$10)	
1:00	Panel Discussion (closed session)	
5:00	Adjourn for the day	

* to be held jointly with the WERF Trace Organics Technical Committee Meeting

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Friday, October 1

8:00 Panel Discussion (closed session)

11:00 Report Out (open to public)

Dan Schlenk
Panel Chair

11:30 Public comments/questions

12:00 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*