

Contaminant Stressors in the Bay-Delta Watershed

February 4, 2004

8:30am – 5:00pm

Bay-Delta Room

California Bay-Delta Authority

650 Capitol Mall, 5th Floor

Sacramento, CA

Management and Policy Perspective

- 8:30 AM **Edward Salinas**, *CALFED Science Program*,
Meeting the Goals of CALFED by Supporting Integrated Science.
- 8:40 AM **Donna Podger**, *CALFED Ecosystem Restoration Program*
Overview of CBDA Water Quality Projects and Implementation of the Mercury Strategy.
- 9:00 AM **Ken Landau**, *Central Valley Regional Water Quality Control Board*
Regional Board Priorities, Data Gaps, and Research Needs.
- 9:10 AM **Debra Denton**, *US Environmental Protection Agency, Region 9*
Integration of Research and Regulatory Needs for Contaminants Within CALFED.

Bay-Delta Contaminant Overview

- 9:25 AM **Sam Luoma**, *US Geological Survey, Ecology & Contaminants Project*
How Important are Metal/Metalloid Pollutants as Stressors in the Bay-Delta?
- 9:50 AM **BREAK**
- 10:00 AM **Jay Davis**, *San Francisco Estuary Institute*
Legacy Contaminants
- 10:20 AM **Donald Weston**, *University of California, Berkeley*
Pesticide Use and Environmental Monitoring in the Central Valley
- 10:40 AM **Christian Daughton**, *US Environmental Protection Agency, National Exposure Research Laboratory*
Ubiquitous Pollution from Health and Cosmetic Care: Significance, Concern, Solutions, Stewardship
- 11:10 AM **PRESENTER PANEL QUESTIONS**

Contaminant Effects: Emerging Challenges

- 11:25 AM **Karen Larsen**, *Central Valley Regional Water Quality Control Board*
Toxicity of Unknown Origin
- 11:40 AM **Michael Lydy**, *University of Southern Illinois, Carbondale*
Challenges in Regulating Pesticide Mixtures

12:00 PM **LUNCH BREAK**

12:50 PM **Robert Spies**, *Applied Marine Sciences*
Reproductive and Endocrine Disruption in Fish

1:10 PM **Tracy Collier**, *NOAA Northwest Fisheries Science Center*
Emerging Issues in Estuarine Toxicology: Reproductive and Developmental Effects

1:30 PM **PRESENTER PANEL QUESTIONS**

Contaminant Impacts to Wildlife Populations

1:40 PM **Robin Stewart**, *US Geological Survey, Ecology & Contaminants Project*
Food Web Impacts of Contaminants

1:55 PM **Steven Schwartzbach**, *US Geological Survey, Western Ecological Research Center*
Contaminant Threats to Avian Wildlife in San Francisco Bay - What do we Know and What do we Need to Know for Population Level Assessments?

2:15 PM **Kathrine Springman**, *University of Washington, Columbia Basin Research*
Assessing Multiple Stressor Population Effects using the Vitality Model: Interaction Between Contaminants and Pathogens

2:35 PM **BREAK**

2:45 PM **Bill Bennett**, *University of California, Davis, Bodega Marine Laboratory*
An Integrated Approach for Assessing Contaminant Effects on Fish Populations.

3:05 PM **Roger Nisbet**, *University of California, Santa Barbara*
Models Relating the Effects of Contaminants on Individuals and Populations

3:25 PM **PRESENTER PANEL QUESTIONS**

Assessing Environmental Impacts of Contaminants

3:35 PM **Barbara Washburn**, *Office of Environmental Health Hazard Assessment, Ecotoxicology Unit.*
Watershed Risk Assessment

3:50 PM **Susan Anderson**, *University of California, Davis, Bodega Marine Laboratory*
Developing Integrated Indicators of Wetland Condition: Results of the [Pacific Estuarine Ecosystem Indicator Research Consortium](#)

4:10 PM **DISCUSSION with Science Panel**

NOTE: *Please allow time to go through security check-point at the entrance of the building and abide by standard security procedures: no weapons, video, or photo equipment, including photo cell phones.*