

**CALFED Bay-Delta Program**  
**Annual Workshop and Review of Mercury Projects**  
**Agenda**

**“An annual workshop should be convened to provide a forum for sharing, discussion, and integration of interim results.”—Mercury Strategy 2003**

**Dates:** Tuesday, November 29 – Thursday, December 1, 2005

**Location:** Embassy Suites Hotel, 100 Capitol Mall, Sacramento, California  
Phone: (916) 326-5001  
Website: <http://www.embassysuites.com>

**Overall goals of meeting:**

- Review of individual Ecosystem Restoration Program mercury-related projects
- Synthesis of scientific findings
- Communication of findings and their usefulness to managers and to public

**Review Panel (Confirmed Members):**

Dr. Carol Kelly (chair), R&K Research, Inc.  
Dr. Jim Wiener, U. of Wisconsin at La Crosse  
Dr. Brian Branfireun, U. of Toronto  
Mr. Reed Harris, Tetra Tech, Inc.  
Dr. John Cain, Natural Heritage Institute, San Francisco  
Dr. Ed Gross, Bay Modeling.com, Berkeley

## **Tuesday**

**Goal:** To present and discuss the key findings of the eight mercury projects to other scientists, agency staff, and interested public.

**Format:** Open to the public. Participating researchers from mercury projects will make summary presentations of project highlights.

**Location:** Schoolhouse/Steamboat Room, except where noted

**8:00 - 8:30 am:** Informal coffee/light breakfast

**8:30 - 9:00 am:** Introductions and overview of meeting goals (Donna Podger, Carol Kelly, Allen Barnes)

**9:00 - 9:45 am:** Mercury QA/QC Program (Dave Crane, Beverly Van Buuren)

**9:45 - 10:30 am:** Mercury and Methylmercury Processes in North San Francisco Bay Tidal Wetland Ecosystems (Don Yee, Joshua Collins, Letitia Grenier, Stephen Schwarzbach, John Takekawa, Jules Evens, Mark Marvin-DiPasquale, Dave Krabbenhoft)

**10:30 - 10:45 am:** Break

**10:45 - 11:30 am:** Measurement of Mercury Release from Delta Wetlands: Amounts, Alterations, and Implications; and amendment to existing project 00-G01 (Jacob Fleck, George Aiken, Bryan Downing, Brian Bergamaschi, Megan Lionberger, Neil Ganju, Roger Fujii, Dave Schoellhamer)

**11:30 am - 12:15 pm:** Transport, Cycling and Fate of Mercury and Monomethyl Mercury in the San Francisco Delta and Tributaries, An Integrated Mass Balance Assessment Approach (Mark Stephenson, Chris Foe, Gary Gill, Kenneth Coale)

**12:15 - 1:30 pm:** Lunch – on your own

**1:30 - 2:15 pm:** Mercury in SF Bay Delta Birds: Trophic Pathways, Bioaccumulation, and Ecotoxicological Risk to Avian Reproduction (Steve Schwarzbach, Gary Heinz, Tom Suchanek, Joshua T. Ackerman, Collin Eagle-Smith, Terrence Adelsbach, John Takekawa, A. Keith Miles, David Hoffman, Susan Wainwright-DeLaCruz, Sarah Spring, Mark Ricca, Tom Maurer)

**2:15 - 3:00 pm:** Evaluation of Mercury Transformations and Trophic Transfer in the San Francisco Bay/Delta: Identifying Critical Processes for Ecosystem Restoration (Mark Marvin-DiPasquale, Robin Stewart, Nick Fisher, Paul Pickhardt, Rob Mason, Andrew Heyes, Lisamarie Windham-Meyer)

**3:00 - 3:15 pm:** Coffee break

**3:15 - 4:00 pm:** Summary of Upper Yuba River Studies Mercury Research (Charlie Alpers)

**4:00 - 4:45 pm:** A Pilot Program for Monitoring, Stakeholder Involvement, and Risk Communication Relating to Mercury in Fish in the Bay-Delta Watershed (Jay Davis, Mark Stephenson, Darrel Slotton, Bob Brodberg, Alyce Ujihara, Jennifer Hunt, Letitia Grenier, Shaun Ayers, Margy Gassel, Gary Ichikawa, Jessica Kaslow)

## **Tuesday (cont.)**

**5:00 - 6:00 pm:** social hour (no host bar)

**6:00 pm:** Dinner – on your own

**6:00 - 9:00 pm:** Review panelists meet in closed session, Sutter Boardroom

## Wednesday

- Goals:**
- 1. To integrate scientific findings from the 8 projects with respect to**
    - a. scientific understanding at the ecosystem-level**
    - b. results that are useful to managers involved in**
      - restoration projects**
      - risk assessment**
      - quantifying and controlling sources**
  - 2. To assemble presentations that will be given by two or more P.I.'s for the Public Session on Thursday in the three areas above**

**Format:** Closed session for research teams and panelists. Initial brief common meeting to define the tasks, followed by simultaneous breakout groups, and then recombining for whole-group discussions. Each group will have a designated leader, and will produce a few (3-5) PowerPoint slides to communicate back to the whole group for further discussion. During breakout sessions the review panel will meet in closed session in the Sutter Boardroom.

**Location:** Schoolhouse/Steamboat Room, except where noted

**8:30 - 9:00 am:** Informal coffee/light breakfast, Ballroom Foyer

**9:00 - 9:15 am:** The goals of the breakout sessions will be presented and discussed

**9:15 - 11:00 am:** Three breakout groups, each working on whole-ecosystem level synthesis of scientific results. Group leaders: Gary Gill, Robin Stewart, Gary Heinz. Coffee available.

**11:00 am - noon:** Combined session. One person from each breakout group will report, and discussion will follow, resulting in identification of a set of findings deemed most useful to be presented at the public session.

**Noon - 1:00 pm:** Lunch provided in Terrace Room

**1:00 - 1:15 pm:** Goals for the afternoon breakout groups will be stated

**1:15 - 3:00 pm:** Three breakout groups, each one working on the identification of results that are particularly useful to managers. Group leaders: Jay Davis (risk assessment), Josh Collins (restoration projects), Mark Stephenson (loads and sources). Coffee available.

**3:00 - 4:00 pm:** Combined session. One person from each breakout group will report, and discussion will follow, resulting in identification of a set of findings deemed most useful to be presented at the public session

**4:00 - 5:00 pm:** The group leaders will meet and finalize which PowerPoint slides will be used in the short presentations on Thursday a.m., and who will present.

**5:00 - 6:00 pm:** social hour, Atrium or Terrace

**6:00 - 9:00 pm:** Closed panel meeting, Sutter Boardroom

# Thursday

## **Morning--Public Presentations**

*Location:* Schoolhouse/Steamboat Room

**8:30 - 9:00 am:** Informal coffee/light breakfast

**9:00 -10:00 am: *Goal:* To present a verbal overview of current findings of value to managers in a format that is also valuable to members of the public and news media**

*Format:* Opening remarks by Donna Podger, followed by a presentation summarizing new scientific findings from the 8 mercury projects, and a presentation summarizing findings that are particularly useful to managers. Review panel will attend this session.

**10:00 am - noon: *Goal for project investigators:* To provide for close interaction and information exchange between investigators and other mercury projects with the public, managers, agency staff**

*Format:* Poster session (copies of posters also to be made available for the CBDA Website). Coffee available.

***Goal for Review Panel:* to prepare summary evaluation (in closed session) for presentation in the afternoon**

*Format:* Closed session, Sutter Boardroom

**Noon - 1:30 pm:** Lunch – on your own

## **Afternoon—Review Panel feedback**

**1:30 - 4:00 pm: *Goal:* To present the initial report of the Review Panel to P.I.'s**

*Format:* Large common room, collective feedback in a group setting, emphasizing overall progress and synthesis at the individual project level and the multi-project level; main comments of the panel provided verbally by multiple panelists, supported by a PowerPoint presentation.