

ELEVENTH ANNUAL MEETING OF THE CALIFORNIA AQUATIC BIOASSESSMENT WORKGROUP

DAVIS, CALIFORNIA
NOVEMBER 30 and DECEMBER 1, 2004

MEETING AGENDA

TUESDAY NOVEMBER 30 Rec Hall Ballroom, UC Davis Campus

- 8:30 - 8:45 Welcome to UC Davis and the State Water Resources Control Board's Training Initiative/Academy Program – Nancy Ellen Baker, *UCD Extension – Land Use and Natural Resources, Davis, California* and Greg Gearheart, *State Water Resources Control Board (SWRCB)*
- 8:45 - 9:00 Welcome and Objectives of the Meeting – Jim Harrington
California Department of Fish and Game (DFG) – Office of Spill Prevention and Response
- 9:00 - 9:30 DFG's Aquatic Bioassessment Laboratory – Strategy for Integrating Objectives and Approach to Ambient Monitoring – Peter Ode, *DFG Aquatic Bioassessment Laboratory (ABL)*
- 9:30 - 10:00 Tiered Aquatic Life Use in SoCal: Challenges and Implementation Strategies, Jerry Diamond, *Tetra Tech Inc., Owings Mills, Maryland*
- 10:00 - 10:30 Update on the Western Pilot Environmental Monitoring and Assessment Program – Paul Ringold, *U.S. EPA Office of Research and Development, Corvallis, Oregon*
- 10:30 - 11:00 Break and Poster Session**
- 11:00 - 11:20 Derivation and Application of Tolerance Values for the Western U.S. – Dave Peck, *U.S. EPA ORD, Corvallis, Oregon*; Lester Yuan, *ORD, Washington D.C.*; Gary Wolinsky and Bobby Smith, *EPA Region 9*
- 11:20 - 11:40 Cadmium Shipping, Receiving and Handling: Comparative Bio-dynamics in Stream Insects – David Buchwalter, *U.S. Geologic Survey, Menlo Park, California*
- 11:40 - 12:00 Benthic Macroinvertebrate Assessment in Low Gradient Waterways of the Lower Sacramento River and San Joaquin River Watersheds– Dan Markiewicz and Kevin Goding, *UCD Aquatic Toxicity Laboratory, Davis, California*
- 12:00 - 12:20 Using Periphyton for Bioassessment: Who, what, when, where, why and how – Gary Lester, *EcoAnalysts, Moscow, Idaho*
- 12:20 - 12:40 Statistical Power Analysis to Define Reference Criteria for Montana –

David Richards for Brett Marshall (author), *EcoAnalysts, Boseman, Idaho*

12:40 - 2:00 Lunch and Poster Session

Theme: Citizen Monitoring and Reporting on Water Quality Assessments

- 2:00 - 2:20 Citizen Monitoring in the Truckee Watershed- Program Overview and Use of Data for 303d Listing, TMDLs, and Restoration Project Identification and Monitoring- Beth Christman, *Truckee River Watershed Council, Truckee, California*
- 2:20 - 2:40 Challenges in Developing a Citizen Monitoring Program and Early Macroinvertebrate Data Results – Joanne Hild, *Friends of Deer Creek, Nevada City, California*
- 2:40 - 3:00 Malibu Creek Watershed Assessment and Developing an Index of Stream Health – Shelley Luce, *Heal the Bay, Santa Monica, California*
- 3:00 - 3:20 Water Quality Indexes: The San Francisco Bay Scorecard and Beyond – Anitra Pawley, *The Bay Institute, Davis, California*

3:20 - 3:40 Break and Poster Session

Theme: Methods Standardization and Comparability

- 3:45 - 4:00 Issues of Concern about Methodology for the Surface Water Ambient Monitoring Program – Tom Suk, *Lahontan RWQCB*
- 4:00 - 4:20 Comparison of Sampling Methods: Converting CSBP Samples to a 500 Count Composite, and Preliminary Comparisons of Multihabitat vs. Targeted Riffle Protocols - Andy Rehn, *ABL*
- 4:20 - 4:50 Performance of Different Bioassessment Methods from California: Toward a Uniform Approach – David Herbst, *Sierra Nevada Aquatic Research Laboratory, Mammoth Lakes, California*
- 4:50 - 5:10 Standardizing Lentic Bioassessment Procedures for California - Jennifer Hayworth, *San Francisco Estuary Institute, Oakland, California*

WEDNESDAY DECEMBER 1 Rec Hall Ballroom, UC Davis Campus

Theme: Integrated Water Resource Monitoring Network

- 9:00 – 9:30 Integrated Surface Water Monitoring Strategy for Southern California – Ken Schiff, *Southern California Coastal Water Research Project* and Jim Harrington, *DFG*
- 9:30 – 10:00 Status of Monitoring Activity and Attempts to Integrate for the North Coast (R 1) RWQCB - Peter Otis, *Santa Rosa*

10:00 – 10:20 Status of Monitoring Activity and Attempts to Integrate for the San Francisco Bay (R 2) RWQCB and Update on IBI Development for the Region – Matt Cover, *Oakland*

10:20 – 10:40 Status of Monitoring Activity and Attempts to Integrate for the Central Coast (R 3) RWQCB - Karen Worcester, *San Luis Obispo*

10:40 - 11:00 Break and Poster Session

11:00 – 11:20 Status of Monitoring Activity and Attempts to Integrate for the Los Angeles (R 4) RWQCB - Michael Lyons, *Los Angeles*

11:20 – 11:40 Status of Monitoring Activity and Attempts to Integrate for the Central Valley (R 5) RWQCB - Robert Holmes, *Sacramento*

11:40 – 12:00 Status of Monitoring Activity and Attempts to Integrate for the Central Valley (R 5) RWQCB – Jay Rowan, *Sacramento*

12:00 – 12:20 Status of Monitoring Activity and Attempts to Integrate for the Central Valley (R 5) RWQCB - Dennis Heiman, *Redding*

12:20 – 12:40 Status of Monitoring Activity and Attempts to Integrate for the Lahontan (R 6) RWQCB - Tom Suk, *South Lake Tahoe*

12:40 - 2:00 Lunch, Poster Session and optional presentation

1:15 – 2:00 The Power of Interactivity in Identification Toolboxes - LucID Guides to Aquatic Families and Especially the Chironomidae - Peter Cranston, UC Davis

2:00 – 2:20 Status of Monitoring Activity and Attempts to Integrate for the Colorado River Basin (R 7) RWQCB - Mariella Carpio-Obeso, *Palm Desert*

2:20 – 2:40 Status of Monitoring Activity and Attempts to Integrate for the Santa Ana (R 8) RWQCB - Pavlova Vitale, *Riverside*

2:40 – 3:00 Status of Monitoring Activity and Attempts to Integrate for the San Diego (R 9) RWQCB - Dave Gibson and James Smith, *San Diego*

3:00 – 3:20 Update on SWAMP and the State-wide Monitoring Strategy – Val Connor, *SWRCB*

3:20 – 4:00 **Discussion Session**