

# TWELFTH ANNUAL MEETING OF THE CALIFORNIA AQUATIC BIOASSESSMENT WORKGROUP

DAVIS, CALIFORNIA  
NOVEMBER 1 and 2, 2005

## FINAL MEETING AGENDA

### **TUESDAY NOVEMBER 1      ARC Ballroom, UC Davis Campus**

- 8:30 - 9:30      Registration
- 9:30 - 9:40      Welcome to UC Davis and the State Water Resources Control Board's Training Initiative/Academy Program – Nancy Ellen Barker, *UCD Extension – Land Use and Natural Resources, Davis, California* and Emelie Reyes, *State Water Resources Control Board (SWRCB)*
- 9:40 - 10:00      Welcome and Objectives of the Meeting – Jim Harrington  
*California Department of Fish and Game (DFG) – Office of Spill Prevention and Response*
- 10:00 - 10:30      Update on the Surface Water Ambient Monitoring Program and What the Future Has in Store for Us – Del Rasmussen, *State Water Resources Control Board (SWRCB)*
- 10:30 - 11:00      EPA National Perspective on Comprehensive Water Quality Monitoring and Assessment – Janet Hashimoto, *U.S. EPA Region 9, San Francisco*
- 11:00 - 11:20      Break and Poster Session**
- 11:20 - 11:50      Update on the Western Pilot Environmental Monitoring and Assessment Program and New Tools for Use in California – Paul Ringold, *U.S. EPA Office of Research and Development, Corvallis, Oregon*
- 11:50 - 12:20      RIVPACS Model Used for the State-Wide Condition Report – Charles Hawkins, *Utah State University, Logan, Utah*
- 12:20 - 12:50      Probabilistic Assessment of the Biotic Condition of Perennial Streams and Rivers in California - Pete Ode and Andy Rehn, *California Department of Fish and Game (DFG) – Office of Spill Prevention and Response*
- 12:50 - 2:00      Lunch and Poster Session**
- 2:00 - 2:30      An Index of Biotic Integrity for the Eastern Sierra. David Herbst, *Sierra Nevada Aquatic Research Laboratory (SNARL), Mammoth Lakes, California*
- 2:30 - 3:00      The Use of Fish Index of Biological Integrity for Assessing the Quality of Sierra Foothill Streams – Rob Titus, *DFG*

3:00 - 3:20 Regionalizing the State-Wide Probabilistic Sampling Design for Use in California Monitoring and Assessment Program (CMAP) Biotic Condition Reports. Tony Olson, *U.S. EPA Office of Research and Development, Corvallis, Oregon*

3:20 - 3:40 **Break and Poster Session**

3:40 - 4:00 **Discussion Session on Use of State Wide Condition Assessments**

**WEDNESDAY November 2     ARC Ballroom, UC Davis Campus**

**Theme: Challenges for Bioassessment in Southern California**

9:00 - 9:20 Ventura River Watershed Assessment Strategy Used by the County Stormwater Program. Darla Wise, *County of Ventura* and Scott Johnson, *Aquatic Bioassay and Consulting Laboratories*.

9:20 - 9:40 The Los Angeles Regional Board Strategy for SWAMP and Incorporating Bioassessments in the NPDES Program – Michael Lyons, *Los Angeles RWQCB*.

9:40 - 10:00 Integrated Surface Water Monitoring Strategy for Southern California – Ken Schiff, *Southern California Coastal Water Research Project*

10:00 – 10:30 Tiered Aquatic Life Use for the Nation and in SoCal: Challenges and Implementation Strategies, Michael Barbour, *Tetra Tech Inc., Owings Mills, Maryland*

10:30 - 10:50 **Discussion Session on TALU in SoCal**

**10:50 - 11:10 Break and Poster Session**

**Theme: Citizen Monitoring and Reporting on Water Quality Assessments**

11:10 – 11:25 Training of Citizen Monitor for Producing SWAMP Compatible Bioassessment Data – Jim Harrington, *DFG*

11:25 – 11:45 Strategy for Incorporating Volunteer Monitor Data into SWAMP – Ross Clark, *California Coastal Commission*

11:45- 12:00 National Perspective on Volunteer Monitoring – Eleanor Elly, *Volunteer Monitor Newsletter, San Francisco*

12:00 - 12:30 **Discussion Session on the Use of Volunteer Data in SWAMP**

**12:30 - 1:30 Lunch and Poster Session**

1:30 - 1:50 Klamath River, Oregon and California, Bioassessment Studies in Relation to

- Hydropower Relicensing. Earl Byron and Jeff Tupen, *CH2M HILL, Sacramento*
- 1:50 - 2:20 New Zealand Mudsnaills in the Western USA and their Impacts on Water Quality  
David Richards – *EcoAnalysts Inc. Center for Aquatic Studies Bozeman, MT*
- 2:20 – 2:40 Invertebrate Inventory of Streams and Springs Draining into Lake Davis in  
Preparation for a Future Rotenone Treatment – Lori Powers, and Glenn Sibbald,  
*DFG*

**Theme: Methods Standardization and Comparability**

- 2:40 – 3:00 History and Evolution of the California Stream Bioassessment Procedure  
(CSBP) with Emphasis on Physical Habitat Assessments – Jim  
Harrington, *DFG*
- 3:00 – 3:20 The Use of the California Rapid Assessment Method (CRAM) in Riparian  
Assessments and for Use in SWAMP –*Josh Collins, San Francisco Bay  
Estuary Institute (SFEI)*
- 3:20 – 3:40 Moving Toward a Standardized Physical Habitat Procedure for SWAMP –  
Pete Ode, *DFG* and David Herbst, *SNARL*
- 3:40 - 4:00 **Discussion Session on SWAMP Standard for Physical Habitat  
Assessments**