



**BACWA Toxicity Workshop  
AGENDA  
Monday September 18, 2017, 10am-2pm  
CCCSO Multipurpose Room  
5019 Imhoff Place, Martinez, CA 94553**

**Speakers:** Stephen Clark, PERL  
Adrienne Cibor, Nautilus Environmental  
Peter Arth, Nautilus Environmental  
Phil Markle, LACSD  
Dan Jackson, City of Benicia  
Jeff Miller, AQUA-science  
Howard Bailey, Nautilus Canada  
Irene Lui-Wong, EBMUD  
Lorien Fono, BACWA

1. Introductions - **10am**
2. Toxicity 101 – *Dan Jackson, Stephen Clark* – **10:10**
  - a. How are toxicity tests conducted?
  - b. How is toxicity evaluated using the test result data?
    - i. Point Estimates
    - ii. TST
  - c. How to conduct a TIE/TRE
  - d. Species screening
  - e. Toxicity Report Review
3. Draft State Toxicity Provisions – *Phil Markle and Lorien Fono* – **11:25**
  - a. Numeric Limits – MDEL and MMEL
  - b. Reasonable Potential
  - c. Monitoring Frequency
  - d. BACWA Discussions with Regional Water Board
4. Lunch – **11:50 am**
5. Panel Discussion – **12:10**
  - a. Enhancing Program Effectiveness through Laboratory Collaboration – *Adrienne Cibor/Peter Arth*
  - b. When Things Go Wrong – *Irene Lui-Wong*
  - c. Through the Looking Glass; Toxicity Identification Evaluations Past, Present and Future – Jeff Miller and Howard Bailey
  - d. *Interpreting Toxicity Tests: Avoiding Confusion & 'False Positives' in Chronic Bioassay Tests* – Stephen Clark
6. Question and Answer Session – **1:50**
7. Adjourn – **2pm**