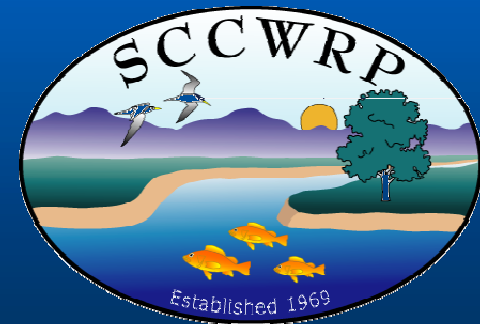


Stormwater Toxicity Implementation Guidance

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WET Tests

- **Whole Effluent Toxicity (WET) tests are used to measure aggregate effects of contaminants in water samples**
 - **Municipal wastewater**
 - **Receiving waters**
 - **Stormwater**
 - **Other point/nonpoint sources**
- **Widely used in monitoring and NPDES programs**
 - **EPA standard methods**
 - **Multiple freshwater and marine test species**
 - **Acute and short-term chronic endpoints**
- **Methods for testing and data interpretation continue to evolve**

SIP

- *SWRCB specifies methods for wet testing*
 - *Policy for Implementation of Toxics Standards for Inland Surface Waters, Enclosed Bays, and Estuaries of California (SIP)*
 - Specifications for testing, data interpretation, and subsequent actions
 - Currently under revision
- SIP revisions underway to address evolution of WET use and interpretation
 - Stormwater monitoring
 - Data evaluation
- SCCWRP project goal is to provide technical assistance for SIP revisions

Project Objectives

- **Develop technical support for stormwater monitoring**
 - Study design
 - Sampling and testing methods
- **Locate data for west coast WET species**
 - Calibrate new statistical method
- **Technical support for implementation**
 - Document review and response to comments
 - Training

Stormwater Toxicity Testing Committee

- **Northern and Southern California representation in key technical/management roles**
 - Stormwater manager
 - Technical Liason
 - Regional Water Quality Control Board
 - Independent Technical Resource
 - EPA & SWRCB
- **Meetings to develop consensus recommendations for inclusion in EPA's toxicity training tool**
 - Expect completion in 2010

Toxicity Data

- **Test of Significant Toxicity**
 - New EPA-developed method for evaluating compliance with toxicity limits
 - Intended to reduce drawbacks of current statistical methods (NOEC)
 - Little control over sensitivity of statistical method
 - Disincentive to improve toxicity test precision
- **New method establishes a toxicity threshold and statistical error rates**
 - Requires test-specific data to establish error rates
 - Data is limited for some test species

Technical Support

- **Document review**
 - Technical review of SIP-related documents prepared for public review
 - Support for response to comments
- **Training**
 - Assist with workshops to train agencies in use of revised methods and guidance
 - Expected to occur in 2011

Schedule

- Work on project is in early stages
- First stormwater committee meeting in June
- Data search underway
- Draft SIP still in preparation