

San Francisco Bay Area Municipal Regional Permit

Update on Proposed Pesticide-Related Requirements

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Background

- AB 982 (November 2000)
 - Prior to, the State had no comprehensive surface water monitoring program
 - Estimated need = \$59-115 Million
 - Current 3.4 Million (7%)
- SWAMP Design
 - Region-by-Region
 - No Statewide Framework

SPARC Review

- **May 2006 Report**
- **Recommendations**
 1. Reevaluate Goals (Responsibilities = \$)
 2. Develop Statewide Assessment Framework
 - Better to do one thing well than many things badly
 3. Coordinate with other Programs and Stakeholders
 - Incorporate data from other mandated monitoring (e.g., NPDES, NPS, Grants)

SWAMP Redesign

- **Workgroup Formed to Address SPARC Recommendations**
- **Which High Priority Beneficial Use Categories?**
 - Fishable - Bioaccumulation Program
 - Swimmable - Beaches Program/DHS
 - Drinkable – Groundwater/Source Water
 - Aquatic Life - SWAMP
- **Which Water Body Types?**
 - Wadable Streams (Perennial and Temporary ??????)
 - Non-wadeable Streams and Rivers
 - Lakes
 - Bays and Estuaries
 - Wetlands

SWAMP Redesign Draft Objectives

1. **Status** - Determine the condition/status of beneficial uses throughout the State without bias to known impairment (305(b) Reporting)
2. **Trends** - Assess trends in beneficial use condition using representative indicators
3. **Sources/Stressors** - Identify which “man-induced alterations of the chemical, physical, biological, or radiological integrity of water” are impairing beneficial uses, including pollution sources and pathways.
4. **Effectiveness** - Evaluate effectiveness of management actions (and policies) in restoring and protecting beneficial uses

Decisions Made To-date

- **Begin by focusing on Status and Trends**
 - Sources and effectiveness better at local/regional levels
- **Wadable Streams**
 - Perennial and Temporary ???
- **Aquatic Life Uses**
 - Need to identify cost-effective indicators
 - BMIs likely leading indicator
- **\$1-2 Million Annual Statewide Budget**

Next Steps

- **Continue Workgroup Meetings**
- **Develop Draft Statewide Assessment Framework**
 - Initially concentrate on Status Design
 - Selection of Status Indicators
 - Likely Probabilistic (Random) Design
 - Trends - Integration with “integrator” sites?
- **Completion by November 2007**