

SWRCB Constituents of Emerging Concern: Coastal
and Marine Ecosystems Science Advisory Panel
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Stakeholder Perspective Wastewater Community



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Env. Compliance & Regulatory Affairs

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Background

- ◆ Nearly all sewerage in California receives wastewater treatment
- ◆ Significant amounts of localized monitoring including receiving waters
- ◆ Dischargers participate in large scale regional monitoring programs

General Comments

- ◆ Distinguish charge between this panel and Water Recycling Panel
- ◆ Separate sentinel compounds from “bad actors”
- ◆ Maximize available resources while avoiding duplication - Goal driven

Monitoring

- ◆ Practical, cost effective, adaptive – support next steps in the process
- ◆ Avoid entrenched monitoring programs
- ◆ Accurate, reproducible and comparable data collection
- ◆ Develop programs that can be used by in-house labs, comment on methods

Specific Recommendations

- ◆ Contributions: identify associations by treatment, location and type
- ◆ Identify indicator compounds
- ◆ Distinguish program needs by habitat: marine, estuarine, and freshwater
- ◆ Help establish what is meaningful information, not just presence/absence

Specific Recommendations

- ◆ What warrants further action? Triggers for fish tissue and water column
- ◆ Recognize the use of zones of initial dilution for many dischargers
- ◆ Consider adjustable course of action
- ◆ SCCWRP/SFEI vs. individual dischargers – what are the roles?

Relevant Studies

- ◆ **TOrCs Removal during Wastewater Treatment**
- ◆ **Diagnostic Tools to Evaluate Impacts of TOrCs on Aquatic Populations and Communities**
- ◆ **Pharmaceuticals a Problem for Nanofiltration Wastewater Reuse**

Questions?

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