

## DRAFT OUTLINE FOR THE RMP MASTER PLAN DOCUMENT

- Section 1 of Plan to be updated on a five-year cycle
  - Sections 2, 3, 4 to be updated on a three-year cycle
  - Sections 5, 6, and Appendix to be updated annually
1. Management Questions –the new MQ framework
    - a. Level I questions
    - b. Level II questions
  2. Management Context
    - a. Regulatory framework
      - i. Existing framework – brief summary – reference key documents
      - ii. New developments underway
      - iii. Changes anticipated in the longer-term
    - b. Relevant management initiatives
      - i. Tidal marsh restoration
      - ii. LTMS
      - iii. Etc.
  3. Stakeholder Information Priorities (Top Information Needs from RMP) – need input from stakeholders
    - a. Water Board – Karen’s Table from 2005 (needs updating), Richard Looker’s tables for Modeling Strategy and Small Trib Loading Strategy
    - b. POTWs – Dave Tucker email 07-02-08
    - c. Stormwater - pending
    - d. Dredgers - pending
    - e. Industry - pending
  4. Priority Contaminants
  5. Five-Year Master Plan
    - a. Budget Table – Meg’s Table
    - b. Explanatory Narrative
    - c. Areas of Emphasis (Strategies)
      - i. Mercury
      - ii. Small Tributary Loading
      - iii. Modeling
      - iv. Dioxin
      - v. PCBs
      - vi. (Sediment Toxicity)
    - d. Workgroup Five-Year Plans – brief mention of them
      - i. SPLWG
      - ii. EEWG
      - iii. CFWG
      - iv. ECWG

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- e. Multi-Year Plan for Reporting
    - i. Pulse
    - ii. Other products
  - f. Coordination with other programs/studies
6. Matrices of RMP Elements and Management Questions Addressed
- a. General
  - b. Pollutant-specific for high priority pollutants
    - i. Mercury
    - ii. PCBs
    - iii. Dioxins
    - iv. Mixtures
    - v. Accepting other nominations

**APPENDIX**

- updated annually
- Priority Questions (Level III) for the Next Five Years
  - a. Sources, Pathways, and Loadings (SPLWG)
  - b. Fate (CFWG)
  - c. Exposure and Effects (EEWG)
  - d. Emerging Contaminants (ECWG)
  - e. Mercury (Mercury Strategy)
  - f. Small Tributaries Strategy
  - g. Modeling Strategy
  - h. Dioxin Strategy
  - i. (Sediment Toxicity Strategy)
  - j. Current state of knowledge on these questions (this section to be updated annually to track progress)
    - i. Concise tabular summary
- Listing of Planned Studies

**TIMELINE**

Stakeholder needs statements – December

Draft Plan – March

Final Plan – June

## STAKEHOLDER PRIORITY INFORMATION NEEDS

### Water Board

- Needs relating to **modeling** and **small tributary loading** provided by Richard Looker as part of strategy development
- XX update of Karen Taberski's table from 2005 pending

### BACWA

- **Dioxin** monitoring information (water, sediments, tissue, atmospheric deposition) to derive BEFs suitable for the San Francisco Estuary and to develop a multi-media dioxin strategy
- Conduct studies aimed at better understanding mercury fate, transport, the conditions under which **mercury** methylation occurs, and biological uptake in San Francisco Bay, its contiguous segments, and tidal areas; and studies to evaluate the presence of, or potential for, local effects on fish, wildlife, and rare and endangered species in the vicinity of wastewater discharges.
- Data and information are needed to assess the progress toward attainment of the numeric fish tissue target and to inform the adaptive implementation process, including information supporting (1) **PCBs** mass budget modeling and food web model improvements, (2) rate of natural attenuation of PCBs in the Bay environments, and (3) monitoring to demonstrate progress toward attainment of allocations and the numeric TMDL targets.
- Some level of effort regarding the monitoring of "**chemicals of emerging concern**" is also warranted.

### BASMAA

- XX pending

Dredgers

- XX pending

Industrial Dischargers

- XX pending

**ANTICIPATED REGULATORY DEVELOPMENTS**

	2008	2009	2010	2011	2012
WATER BOARD	<ul style="list-style-type: none"> <li>▪ Guadalupe Hg TMDL</li> <li>▪ 303(d) List Update</li> <li>▪ Basin Plan Triennial Review</li> <li>▪ SQOs</li> </ul>	<ul style="list-style-type: none"> <li>▪</li> </ul>	<ul style="list-style-type: none"> <li>▪ Selenium TMDL</li> <li>▪ 303(d) List Update</li> <li>▪</li> </ul>	<ul style="list-style-type: none"> <li>▪ Basin Plan Triennial Review</li> <li>▪</li> </ul>	<ul style="list-style-type: none"> <li>▪ 303(d) List Update</li> <li>▪</li> </ul>
OTHER	<ul style="list-style-type: none"> <li>▪</li> </ul>	<ul style="list-style-type: none"> <li>▪ XX</li> <li>▪</li> </ul>	<ul style="list-style-type: none"> <li>▪ XX</li> </ul>	<ul style="list-style-type: none"> <li>▪ XX</li> </ul>	<ul style="list-style-type: none"> <li>▪ XX</li> </ul>

TIMING UNCLEAR

- Dioxin TMDL
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