RMP Objectives Framework

OLD DRAFT FRAMEWORK

- RMP Goal
  - RMP Objectives 1 - 6
    - Management Questions
      - Specific Questions to Answer in the Next Five Years

NEW DRAFT FRAMEWORK

- RMP Goal
  - RMP Level I (Core) Management Questions
    - Level II Management Questions
      - Specific Questions (Level III) to Answer in the Next Five Years

OLD

Goal: Provide information needed to support water quality management decisions

Objectives:

1. Describe spatial patterns and long-term trends of pollutant concentrations in the Estuary
2. Project future impairment
3. Describe sources, pathways, loading, and processes leading to pollutant-related impairment in the Estuary
4. Characterize the potential for adverse effects on humans and aquatic life due to pollution of the Estuary ecosystem
5. Provide monitoring information for comparison to regulatory guidelines and for establishing regulatory guidelines
6. Effectively communicate information from a range of sources to present a comprehensive picture of the sources, distribution, fate, and effects of pollutants and beneficial use attainment or impairment in the Estuary ecosystem

NEW

Goal: Collect data and communicate information about water quality in the San Francisco Estuary to support management decisions

Core Management Questions:

1. Are pollutant concentrations in the Estuary at levels of concern and are associated impacts evident?
2. What are the concentrations and masses of pollutants in the Estuary and its segments?
3. What are the sources, pathways, loadings, and processes leading to pollutant-related impacts in the Estuary?
4. Are the concentrations, masses, and associated impacts of pollutants in the Estuary increasing or decreasing?
5. What are the projected concentrations, masses, and associated impacts of pollutants in the Estuary?

New version is

- *More concise*
- *More consistent*
- *Has logical sequence*

OLD

Goal: Provide information needed to support water quality management decisions

Objective 1 Spatial patterns and long-term trends	**Objective 2** Project future impairment	**Objective 3** Sources, pathways, loading, and processes	**Objective 4** Potential for adverse effects	**Objective 5** Comparison to guidelines
MQ1: Particular regions of concern	MQ1: Impairment forecast under various management scenarios	MQ1: Which pathways etc contribute most to impairment	MQ1: Which chemicals have potential for effects	MQ1: Percentage of Bay impaired
MQ2: Management actions effective in reducing concentrations	MQ2: Contaminants predicted to increase	MQ2: Opportunities for management intervention for important pathways	MQ2: What is the potential for adverse effects	MQ2: Impairment of each Bay segment
		MQ3: Management actions effective in reducing loads	MQ3: Management actions effective in reducing potential for adverse effects	MQ3: What are appropriate guidelines

NEW

Goal: Collect data and communicate information about water quality in the San Francisco Estuary to support management decisions

Level I (Core) Questions	**Question 1** Levels of concern and associated impacts	**Question 2** Concentrations and masses	**Question 3** Sources, pathways, loadings, and processes	**Question 4** Increasing or decreasing	**Question 5** Projected concentrations, masses, and impacts
Level II Questions	Q1: Which chemicals have potential for effects?	Q1: Are there particular regions of concern?	Q1: Which pathways etc contribute most to impacts?	Q1: Effect of management actions on concentrations and mass?	Q1: Impairment forecast under various management scenarios?
	Q2: What is the potential for adverse effects due to pollutants?		Q2: Opportunities for management intervention for important pathways?	Q2: Effect of management actions on potential for adverse effects?	Q2: Which pollutants predicted to increase?
	Q3: What are appropriate guidelines?		Q3: Effect of management actions on loads?		