

Project Report

(Suggested Content for Non-Point Source or Estuary Projects)

I. Project Area

- A. Vicinity map(s) showing:
 - 1. Detailed map(s) of project site(s) and areas affected by the project;
 - 2. Relevant hydrologic, geologic, and topographic features;
 - 3. Relevant ground and surface water resources; and
 - 4. Existing and relevant measures or works related to the proposed project
- B. Land use, land use trends, and relevant adjacent land uses
- C. Current population and future population projections

II. Source Characteristics, Existing Conditions, and Current Water Quality

- A. Surface water and groundwater resources in the project area
- B. Current water quality, variations in water quality, and beneficial uses
- C. Flow quantity and variations in flow quantity
- D. Sources of pollution and current control measures
- E. Past efforts at source control or other corrective measures
- F. Other plans for source control or corrective measures

III. Objectives

- A. Reason for the project, performance goals, and expected benefits
- B. Method(s) of verification
- C. Beneficial uses and protection criteria
- D. Required water quality characteristics to meet beneficial uses
- E. Required health-related water characteristics or requirements
- F. Anticipated changes in water quality or health-related requirements

IV. Project Alternatives Analysis

- A. Planning and design parameters and assumptions
 - 1. Relevant design criteria
 - 2. Cost index, discount rate, useful lives
 - 3. Planning period
- B. Detailed alternatives analysis, including the no action alternative
 - 1. Comparison of all alternatives based on the life cycle costs for each alternative with breakdown of total capital, operation and maintenance (O&M), upkeep, and replacement cost
 - 2. Comparison of how the project alternatives address the state planning priorities in section 65041.1 of the Government Code and sustainable water resource management priorities
 - 3. Climate change analysis for each alternative

V. Selected Project

- A. Detailed description of the most feasible, cost-effective alternative, including:
 - 1. All entities, including affected home and land owner categories involved in implementing the project, their level of participation, and the means to achieve the level of participation necessary to make the project successful;
 - 2. Management of residual or waste material;
 - 3. Overview of any long-term management plan for operation, maintenance, monitoring, inspection, record keeping, repair, and replacement related to the project;
 - 4. Identify agency(ies) or organization(s) responsible for long-term management and the means to ensure that the management plan will be implemented; and
 - 5. Identify permits, approvals, ordinances, regulations, and reports required for the project.

Identify how and when these actions will be completed, and describe how compliance will be achieved and maintained.

- B. Detailed schedule
- C. Description of any key issues to be resolved, particularly items likely to significantly impact the project budget or schedule, i.e., environmental review, land acquisition, etc.
- D. Project Eligibility
 1. For Non-Point Source projects, identify the section of the [Five-Year Implementation Plan](#) the project will implement and explain how the project helps implement the *Plan*. Explain how the project addresses a regional or area wide water quality problem.
 2. For Estuary projects:
 - a. Identify the estuary the project addresses, i.e., San Francisco Bay, Morro Bay, or Santa Monica Bay;
 - b. Identify the section of the estuary's [Comprehensive Conservation and Management Plan](#) the project will help implement;
 - c. Describe how the project helps implement the *Plan*; and
 - d. Describe efforts to work with the estuary sponsor.