## **CHAPTER 11: PROJECT IMPLEMENTATION**

The restoration tasks (hereafter referred to as projects) identified in Chapter 10 have been divided into three implementation classifications: individual class-specific projects, landscape-level projects, and program-level projects. Detailed strategies for completing restoration projects within each implementation classification are provided below. It is important to note that individual projects may only be implemented given they are assigned a "yes" ranking as identified in the Critical Acceptance Criteria outlined in Table 2-3 and a source for funding has been obtained. In some cases projects will be subject to an additional evaluation by stakeholders for acceptance prior to initiation of project activities.

The implementation of this ERP is further summarized in Table 11-1 below. This table restates the numerous objectives and tasks that have been recommended by Chapter 10 and relates this information to the priority for completion of each task (taking into consideration the critical acceptance criteria of Chapter 2), its implementation category (i.e., class-specific, landscape level or program level) and what regulatory requirements are anticipated.

## **Implementation Procedure**

For all three classes of projects there will be certain procedures that will need to be followed. In that any one or more of a number of organizations and entities can implement the ERP, deviations from these steps should be anticipated. However, given the objectives described in this report, the regulatory environment associated with implementation of the projects and anticipated public or stakeholder participation certain common procedures are anticipated.

- Identification of a project by the CRMP, government or private sector party
- Identification of an entity or partners to implement the project
- Development of a preliminary project description
- Review of the project through the Critical Acceptance Criteria
- Development of specific implementation objectives and a review of the compatibility of those objectives with CALFED and ERP objectives
- Identification of willing seller(s) if required
- Acceptance by stakeholders or initiate public outreach for class-specific or landscape level projects
- Identification and acquisition of a funding source(s)
- Assessment of existing conditions and refinement of objectives based upon anticipated outcomes
- Development of site specific or plan level documents
- Develop monitoring strategies
- Obtain regulatory clearances
- Initiate the project
- Monitor the results

• Modify the project following the review of monitoring results in order to adapt to conditions over time and to insure that initial project objectives are met

In all cases, the implementation entity will assume responsibility for the successful completion of the identified restoration project.

## **Class-Specific Level Projects**

Class-specific level projects include those restoration activities that are focused on location specific activities, such as planting riparian vegetation within a specified location, removal or bypass of a fish passage impediment, or compensating property owners in order to remove incompatible land use activities from certain sensitive areas. Class-specific projects within the ERP planning area are listed and identified in Table 11-1.

Class-specific level projects are expected to be those projects that are easiest to implement because they are focused on a specific event or activity for implementation. The development of plans, costs and implementation schedules can be very focused and objectives can be specifically identified. It is generally assumed that the majority of the projects implemented with this ERP will be class-specific level projects. As these projects are collectively implemented they can satisfy program-level or even landscape level objectives.

The following discussion provides details on implementing class-specific projects.

### **Funding Opportunities**

The following is a list of potential funding programs that would be appropriate for implementing the class-specific projects identified in Table 11-1.

- Water Quality Assessment and Planning U.S. Environmental Protection Agency (USEPA); State Water Resources Control Board –SWRCB
- Clean Water Act (CWA) Section 319 Nonpoint Source Water Pollution Control USEPA; SWRCB
- Wetlands Protection USEPA
- USEPA Funding Sources for Communities USEPA
- U.S. Department of Agriculture NRCS
- National Fish and Wildlife Foundation NFWF
- Wildlife Conservation Board WCB
- Environmental Enhancement and Mitigation Program California Resource Agency
- Programs Under CWA Sections 1135, 206, 503, and 204 U.S. Army Corps of Engineers
- North American Wetlands Conservation Act U.S. Fish and Wildlife Service (USFWS)

- County or City General Funds
- Local fees or mitigation measures
- Individual property owner initiatives
- Public/private sector grants

# Implementation Entity/Responsible Party

The implementation of class-specific projects may be conducted by a variety of organizations. Individuals may elect to implement class-level projects as well because of the direct benefit that a property owner can accrue from implementing some of the projects recommended by this ERP (e.g., controlling erosion losses). However, the AR/CC CRMP members, Placer or Sutter County, state or federal resource agencies, special districts (e.g., water districts or reclamation districts), non-profit organizations, and/or individual property owners will most likely function as the implementation entity. In many cases it will be a partnership of more than one of these organizations that jointly implement a project. It will be the responsibility of the implementation entity to ensure the successful completion of the identified project.

# **Landscape-Level Projects**

Landscape-level projects encompass restoration activities proposing to restore aspects of the ERP planning area on a watershed level. For instance, these projects include activities such as enhancing water quality throughout each watershed, reducing sediment loads from winter construction activities and increasing the diversity and ecological health of streamside riparian vegetation throughout the ERP planning area. These projects are identified in Table 11-1. Details for implementing landscape-level projects are outlined below.

#### Funding Opportunities

Multiple funding opportunities are available for the landscape-level restoration projects identified in Table 11-1. Potential sources for funding include the following programs:

- Water Quality Assessment and Planning U.S. Environmental Protection Agency (USEPA); State Water Resources Control Board (SWRCB)
- Clean Water Act (CWA) Section 319 Nonpoint Source Water Pollution Control USEPA; SWRCB
- Wetlands Protection USEPA
- USEPA Funding Sources for Communities
- U.S. Department of Agriculture NRCS
- National Fish and Wildlife Foundation NFWF
- Wildlife Conservation Board WCB
- Environmental Enhancement and Mitigation Program California Resource Agency
- Programs Under CWA Sections 1135, 206, 503, and 204 U.S. Army Corps of

### Engineers

- North American Wetlands Conservation Act U.S. Fish and Wildlife Service (USFWS)
- Central Valley Habitat Joint Venture
- Local fees and mitigation measures
- Public/private grants

# Implementation Entity/Responsible Party

Landscape-level projects can be implemented by a number of organizations, such as Placer and Sutter County, state and federal resource agencies, the AR/CC CRMP, and individual property owners. It is likely that governmental entities with a landscape-level or regional mandate are expected to implement these projects. They often require institutional structures with broad mandates and authorities in order to proceed with projects that have an effect throughout a given region. However, the cumulative effect of numerous class level projects being implemented can contribute to meeting landscape

# **Programmatic-Level Projects**

Programmatic-level projects are restoration projects that occur on a social planning level and require modifications to current planning methodology. These projects include activities such as establishing a regional educational program and making changes to existing General Plan policies. Table 11-1 identifies which of the restoration projects identified for the AR/CC ERP planning area are identified as programmatic-level projects. The following discussion provides details for the implementation of these projects.

### Funding Opportunities

The following is a list of potential sources for funding programmatic-level projects.

- USEPA Funding Sources for Communities USEPA
- City and County General Funds
- Public/private sector grants

### Implementation Entity/Responsible Party

Likely candidates for implementation of programmatic-level projects include Placer and Sutter County, non-profit organizations and state and federal resource agencies. Like the landscape-level projects, it may require a governmental institution with a broad mandate or authority to proceed with a project. However, it is also possible that non-profit public interest organizations may also have opportunities to implement programs such as public outreach campaigns.