

# Lower Feather River Corridor Management Plan (CMP)

Thursday, July 15, 2010

## Purpose Statement:

*The purpose of the Lower Feather River Corridor Management Plan (CMP) is to develop a integrated strategy and long-term vision for managing the river corridor between the Yuba River and the Sutter Bypass in a way that facilitates and promotes economic sustainability and compatibility in future land uses, flood protection system management, maintenance of flood control facilities, and the restoration and enhancement of ecosystem functions and habitats.*

## Goals and Objectives

### Goal

- 1) Central Valley Flood Protection Board adoption of a long-term Lower Feather River Corridor Management Plan (CMP) by June 2011.

#### Objectives:

- a) Establish and facilitate a diverse working group consisting of industry experts and stakeholders, and a policy team to assist in formulating applicable policies. The Working Group will work together through coordination, collaboration and cooperative working relationships with all stakeholders and interested parties to develop a CMP.
- b) Assess the existing corridor and channel habitat, geomorphology (sediment transport and river meander), ownership, and associated land uses to identify how the channel and related flood plain can be better managed. Evaluation will include a three-prong opportunity and constraint analysis addressing flood operations and flood maintenance, ecosystem enhancement, and other multi-objective land use considerations.
- c) Review existing hydraulic and habitat function models and decision support systems to formulate and compare alternative management actions to improve public safety, habitat, and river channel conveyance.
- d) By March 2011 integrate the best management action alternatives into a cohesive set of management actions and policies to guide maintenance, flood protection system improvements, and land use decisions for adoption by the Central Valley Flood Protection Board.

## **Goal**

2) Facilitate the necessary permitting for maintenance work to preserve design flow and levee integrity.

### **Objectives**

- a) By December 2011, identify ways to make the environmental clearance and permitting processes more efficient while meeting state and federal safety standards and following state and federal environmental protection procedures.
- b) Take advantage of opportunities to use advance mitigation projects, mitigation banks with deductible credits, and programmatic permits as part of the planned strategy for simplifying permitting for flood maintenance new flood project construction activities.

## **Goal**

3) Promote ecosystem functionality enhancement within the project area.

### **Objectives**

- a) Establish ecosystem restoration projects in conjunction with flood facility maintenance activities such that adverse effects [to public safety] are fully avoided and minimized, and habitat conditions for listed species are improved and contribute toward species recovery. Increasing habitat quality substantially above previous baseline conditions is expected to result in ecosystem functionality which will allow flood facility maintenance to occur with minimal adverse effects to habitat.
- b) Develop flood facility maintenance Best Management Practices (BMPs) that fulfill flood system operation and maintenance obligations in a manner that preserves public safety while preserving ecosystem vitality and diversity.

## **Goal**

4) Promote economic and recreational opportunities within the project area.

### **Objectives**

- a) Inventory opportunities for agricultural activities within the study area. Develop policies to define conditions under which agriculture may be compatible with other study area land uses.
- b) Inventory opportunities for recreational activities within the project area. Develop policies to define conditions under which recreation may be compatible with other study area land uses.