

## **Requirements for the Five-Year Plan**

### **1. Assessment of the status of existing levee system and future goals**

*The Plan should provide a clear description of the following:*

*a. Describe historical flood problems, including:*

- ◇ Dates of events*
- ◇ Estimated flood frequencies of events*
- ◇ Levee performance during these events,*
- ◇ Consequences of events*

*b. What is the existing level of protection provided by the levee system? Include the source of this information. Specifically,*

- ◇ What portion of the levee is below or at HMP Standard?*
- ◇ What portion of the levee is at PL84-99?*
- ◇ What portion of the levee is above PL84-99?*

*c. What level of protection is expected to be achieved at the end of the five years? Provide justifications in support of the anticipated outcomes.*

### **2. Strategy to meet desired level of protection**

*The Plan should elaborate on the desired level of protection at the end of five years (item “c” above) and discuss the following:*

- a. A complete description of the desired level of protection as a goal to achieve in the next five years.*
- b. Phasing of the work, including a description of recommended projects needed to achieve the five year goal*
- c. Total estimated cost of the work and its distribution on a project-by-project basis over the five years*
- d. Potential cost sharing with other partners*
- e. Schedule of work*
- f. Discussion of potential obstacles to meet the desired goal*

### **3. Identification of need for improvements to alleviate or minimize existing hazards**

*The Plan should provide an inventory of the local and non-local assets/critical infrastructures, both public and private, being protected by the levees. Local assets are those for which the*

*Local Agency can levy assessments for flood protection; non-local assets are those the Local Agency cannot levy assessments. The Local Agency should identify public benefits where applicable, such as:*

- ◇ Water quality*
- ◇ Recreation*
- ◇ Navigation*
- ◇ Fish and wildlife*
- ◇ Protection of State Infrastructure*
- ◇ Other*

#### 4. Identification of the risks for current land use based on the existing assets

*The Plan needs to discuss risks associated with levee failure. In particular:*

- ◇ Consequences of levee failure or breach*
- ◇ Existing deficiencies in the system, including existing seepage, boils, or voids under the levee*
- ◇ Urgency of repair work*

#### 5. Identification of opportunities for multi-objective projects

*The Plan should, at a minimum, describe opportunities and significant constraints for achieving the following objectives:*

- ◇ Ecosystem restoration and habitat enhancement component*
- ◇ Reversing land subsidence.*
- ◇ Ensuring adequate and effective emergency response plans*
- ◇ Benefitting water quality*
- ◇ Improving water supply reliability*

#### 6. Habitat Mitigation and Enhancement

The plan should describe how work to be carried out under the plan will meet the requirements of Water Code Sections 12314 which requires no net loss of habitat and consistency with net habitat improvement. The plan should describe the following:

- a. Baseline habitat conditions prior to the plan

- b. The anticipated impact to habitats and anticipated extent of the impact based on the identified needs for levee repair and other work outlined in the plan
- c. How the requirements for no net loss of habitat, and net habitat enhancement will be met.

7. Compliance with CEQA and obtaining required permits

*The Plan should describe all of the following:*

- a. Types of permits and environmental compliance documents required*
- b. Status of the environmental documentation*
- c. Status of the permit process*