

Time Line & Deliverables

- a. Flood Management Work Group Meeting, PWA to attend
 - 1. Held on February 18, 2004
 - 2. March 29, 2004 (this meeting)
 - 3. April 15, 2004 (tentative)
 - 4. May 25,2004 (tentative)
 - 5. Other?
- b. Focused Technical Meeting (April/ May ,2004)
 - 1. Alameda County Flood Control and Water Conservation District
 - 2. Santa Clara Valley Water District
 - 3. San Mateo County Flood Control District
 - . USACE
- c. Detailed Project Objectives May 1, 2004
- d. Opportunities and Constraints June 1, 2004
- e. Next Stage Work Plan June 1, 2004
- f. Stage1 Memorandum July, 2004

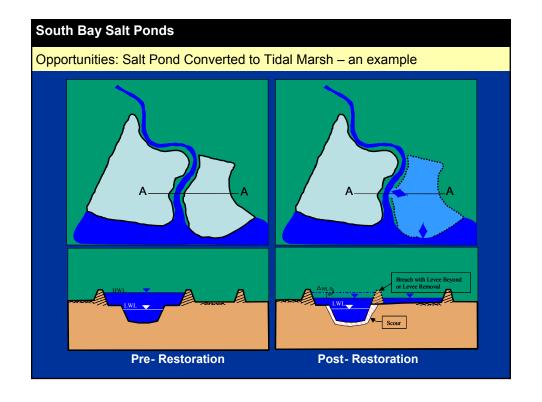
Approach

- a. Detailed Project Objectives, Alternative screening criteria
- b. Develop Conceptual flood management options
- c. Identify Opportunities and Constraints
- d. Modeling approach and criteria
- e. Scope next stage

Technical Approach GIS Based Evaluation of Alternatives Interactive GIS database Spatial analysis of Flood Management Attributes Levee Pond Channel

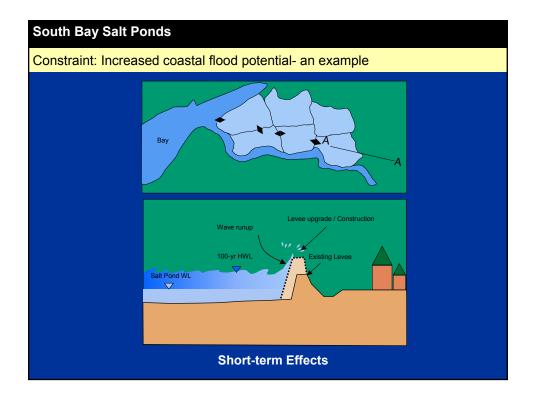
Opportunities with wetland restoration

- a. Tidal conversion of ponds enhanced flood storage and conveyance
- b. Expansion of sloughs (levee setbacks) enhanced flood storage and conveyance
- c. Managed ponds (pond, muted tidal or seasonal habitat) flood flow diversion
- d. Mudflat and marsh natural wave breaks



Opportunities: Salt Pond Converted to Tidal Marsh

- 1. Increase tidal prism
- 2. Expansion of channel cross-section
- 3. Increase channel conveyance
- 4. Increase flood storage
- 5. Decrease water level downstream
- 6. Reduction of flood hazard upstream



Constraints

- a. Relocate tidal boundary at under-designed levee – increased erosion and overtopping
- b. Introduce or increase tidal action reduce flood water storage at high tide / increase ground water elevation
- c. Others