Sacramento-San Joaquin Delta
Levee Stability Program
McCormack-Williamson Tract Project

Sacramento District
and Reclamation District 2110

In cooperation with:
The Nature Conservancy
California Dept. of Water Resources

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Diverts water south for water supply
McCormack-Williamson Tract History

• Last to “reclaim” the land
• Legal agreement with adjacent landowners
  • Must have the lowest levees
• First to flood
  • Floods from the north
  • Ponds at the south
  • South levee fails, causing surge effect
• The Nature Conservancy purchased the land for ecosystem restoration
**Identified Problems**

**Ecosystem**

- Prior to “reclamation” of land, area comprised of tule marsh – None remains
- 35+ Federally listed species in the Delta
- Numerous invasive species throughout the Delta

**Flood Risk**

- On-island – Low Risk
- Adjacent areas – Higher Risk
The Plan

- Degrade north-east levee to function as a weir
- Breach Mokelumne River levee to create tidal channel
- Degrade south levee to match elevation of island floor
- South-west portion of island restored to tidal marsh
- Habitat berms created along levees
- Levee improvements to adjacent island
Objectives

Ecosystem

• Restore McCormack-Williamson Tract to:
  • Restore ecosystem *functions*
  • Benefit native species
  • Discourage invasive species

Flood Risk

• On-island
  • Restore to floodplain
• Adjacent areas
  • Reduce surge effect to minimize damages
  • Local benefits of restored floodplain

Develop concepts that can be applied throughout the Delta
Partnerships Make It Possible

Reclamation District 2110
- Corps’ Non-Federal Partner
- Legal subdivision responsible for managing the tract

The Nature Conservancy
- Owns the land
- Relationship with Reclamation District 2110

California Department of Water Resources
- Finalized Environmental Impact Report (State EIS equivalent)
- Fund Reclamation District 2110 to partner with Corps

U.S. Army Corps of Engineers
- Authorized to implement and construct the project
- Partnering with Reclamation District 2110