

Mid & Upper
Sacramento
Regional Flood
Management
Planning

Multi-Benefit
Focus Area
Workgroup
Meeting 1
February 4, 2014



PRESENTATION OVERVIEW

- Multi-benefit projects defined
- Examples of multi-benefit projects and programs
- Agricultural stewardship issues and opportunities
- Next steps

2012 CVFPP

- **Primary CVFPP Goal**
 - Improve Flood Risk Management—Reduce the chance of flooding, and damages once flooding occurs, and improve public safety, preparedness, and emergency response.
- **Supporting CVFPP Goals**
 - Improve Operations and Maintenance
 - Promote Ecosystem Functions
 - Improve Institutional Support
 - Promote Multi-Benefit Projects

WORKGROUP TOPIC STATEMENT

The primary objective of the Multi-Benefit Workgroup will be to help the RFMP Team identify multi-benefit project opportunities. The Workgroup will assist the team in assessing the viability of identified multi-benefit projects, and will help explore opportunities for linking proposed flood control projects with non-flood control purposes/benefits.

MULTI-BENEFIT PROJECTS DEFINED

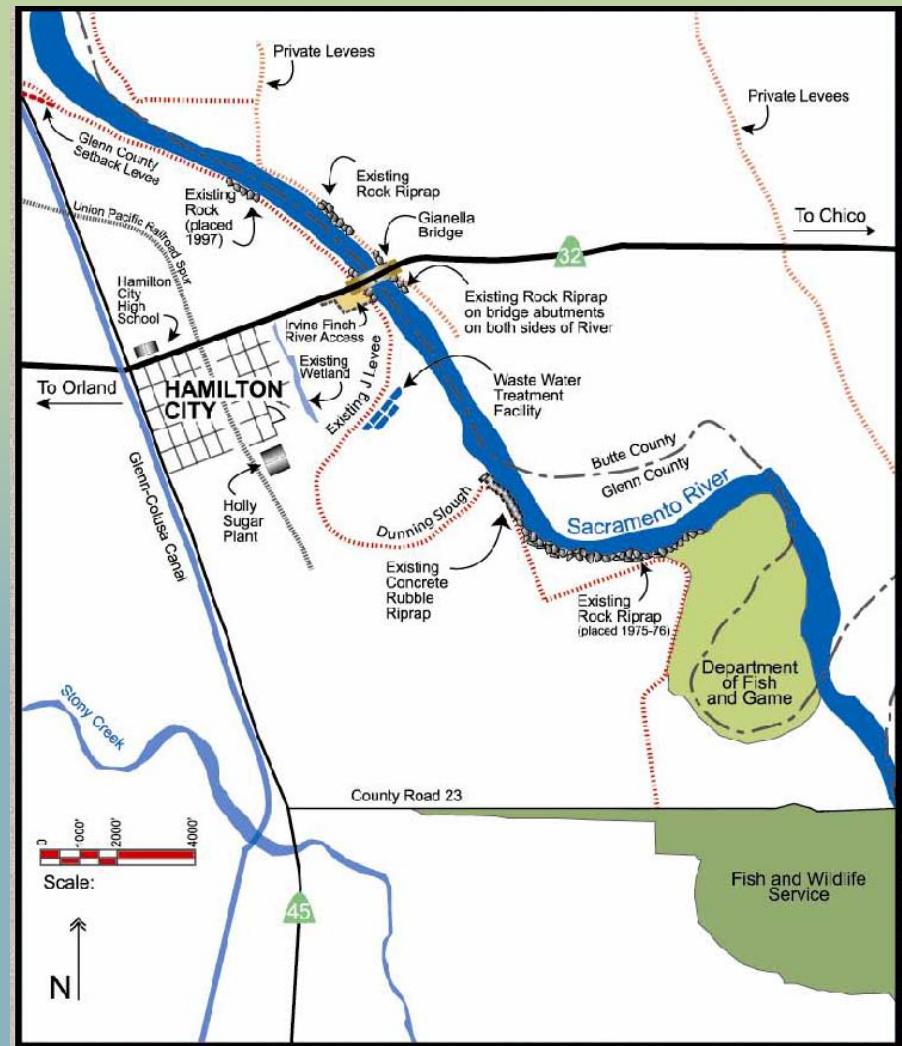
A formal definition of multi-benefit projects has not been established. However, generally, multi-benefit projects are those that reduce flood risk along with one or more other benefits such as improving water supply reliability; water quality; aquatic and/or terrestrial habitat; public access; recreation; O&M; agriculture; and/or transportation.

WHY MULTI-BENEFIT PROJECTS?

- Projects that serve more than one purpose are typically more financially feasible because they are eligible for a greater assortment of funding opportunities.
- DWR has been clear in communicating that multi-benefit projects will receive funding priority over single benefit projects.
- Multi-benefit projects may be easier to implement because regulatory and permitting considerations may be better integrated in multi-benefit projects.

HAMILTON CITY LEVEE SETBACK

- Reduce flood risk
- Reduce flood damage
- Improve quantity and quality of habitat
- Restore river processes



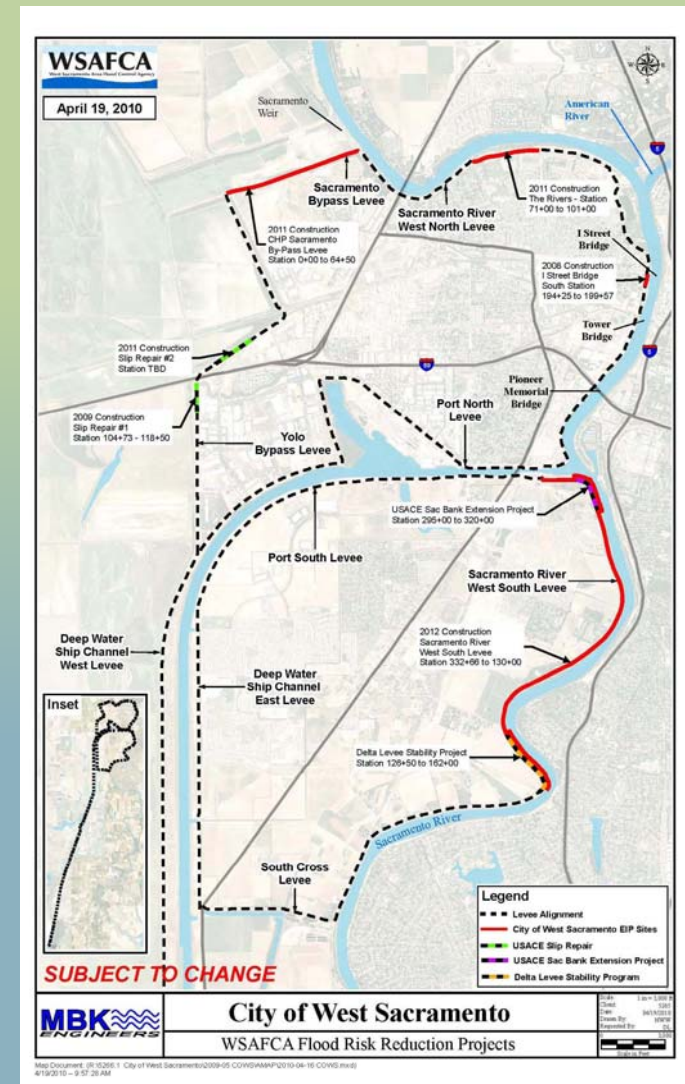
BEAR & FEATHER RIVER LEVEE SETBACKS

- Flood conveyance and attenuation
- Floodplain habitat rehabilitation



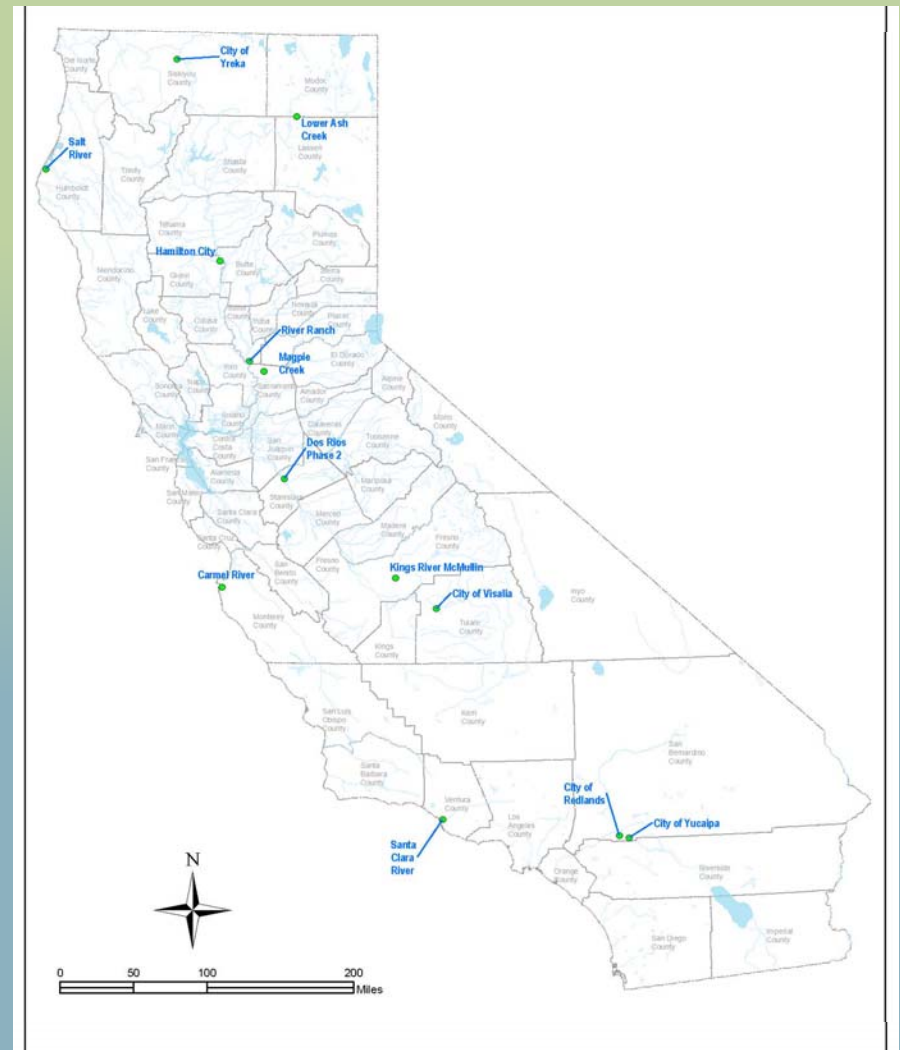
WEST SACRAMENTO LEVEE IMPROVEMENT PROGRAM

- Flood risk reduction
- provide ecosystem restoration and public recreation opportunities compatible with flood risk–reduction measures



DWR FLOOD PROTECTION CORRIDOR PROGRAM (FPCP)

- Non-structural flood management projects that include wildlife habitat enhancement and/or agricultural land preservation
- Recreation



AGRICULTURAL STEWARDSHIP - ISSUES

- Loss of riparian and terrestrial habitat
- Loss of seasonal floodplain habitat & channel migration processes
- Water quality / Crop applications
- Weeds and Depredation
- Maintenance of infrastructure, etc. in and adjacent to restored habitat areas

AGRICULTURAL STEWARDSHIP - OPPORTUNITIES

Example: Delta Working Landscapes Program

- A group of projects that demonstrate how farmers can integrate habitat restoration into farming practices
- Projects total 312 acres of seasonal and permanent wetlands and 6.5 miles of enhanced levees and waterways since 2005

We need your
input...

