FISH RESTORATION PROGRAM
AGREEMENT
Implementing Habitat Restoration Requirements Of The Biological Opinions

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Whipple et al. 2012: Sacramento-San Joaquin Delta Historical Ecology Investigation
Listed Fish Species

Source: FWS

Reclamation Photograph by René Reyes

Source: DWR Aquatic Ecology

Source: NOAA

Photo by Pat Higgins
Fish Restoration Program Agreement (FRPA)

- Executed October 2010
- Joint DWR and DFW program
- Fulfill habitat restoration requirements of the Biops and ITP
- Establishes framework for selecting, funding, implementing and managing restoration projects
FRPA Goals and Objectives

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- Monitor and adaptively manage restoration sites
- Maintain consistency with other Delta plans and programs
Restoration Principles

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• Design projects to be adaptively managed
• Monitor outcome and refine conceptual models
FRPA Near-term Actions

- Planned and potential projects
- Three geographic regions
- FRPA will support other programs where possible
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Cache Slough Complex

- Existing tidal marsh habitat
- Connected to Yolo Bypass floodplain
- Elevations are conducive to tidal habitat restoration
- Dead-end channels and shallow open water
- High turbidity
- High primary and secondary productivity
- Delta smelt and other native fishes
- Land in public ownership
Summary

• FRPA is a joint DWR-DFW program to facilitate implementation of Biop/ITP restoration requirements
• Restoration goals are focused on recovery of Delta native fish
• Objectives include restoring natural processes, habitat creation, and food web production
• Stakeholder involvement, monitoring, and adaptive management are critical to the success of the program
Thank You

http://wwwdwr.water.ca.gov/environmentalservices/frpa.cfm