

#### **Timeline**

#### ■ Board Timeline

- Jul '07 Review of Near & Mid-Term Delta Actions
- Aug '07 Review of Long-Term Delta Alternatives
- Sep '07 Direction on Near, Mid & Long-Term Alts.

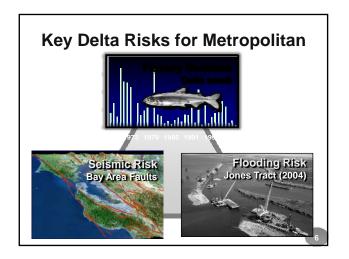
#### ■ Delta Vision Process

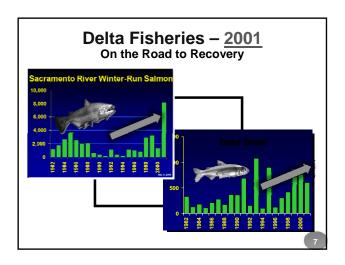
- Fall '07 Recommended alternative
- Jan '08 Final Report released

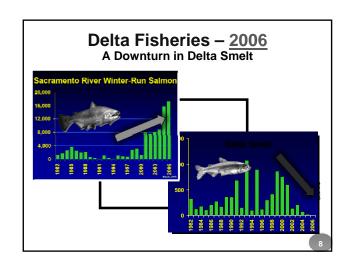
#### **Considerations**

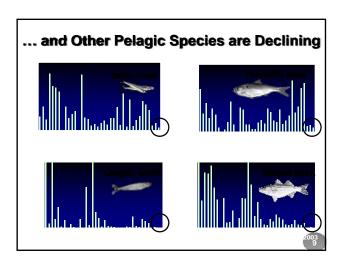
- 2008 is key year
- Legislative & administration agreement
- Alliances
- Metropolitan role



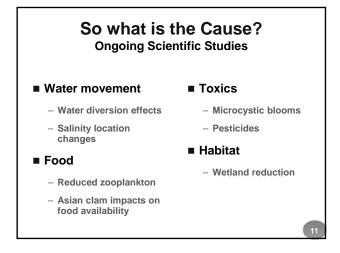


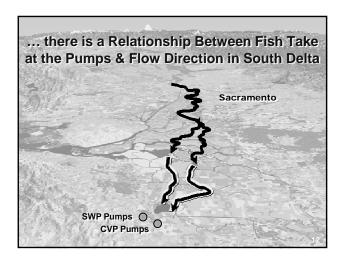


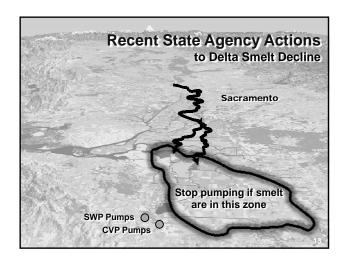


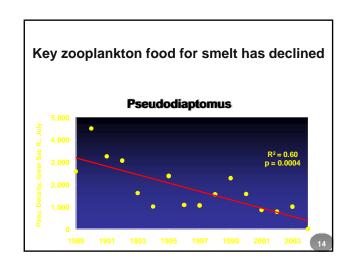


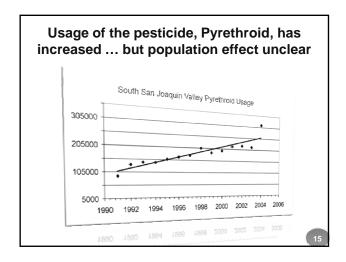
# How Did This Happen ... Severe population decline was not foreseen Past declines have always bounced back Smelt were considered for delisting a few years ago

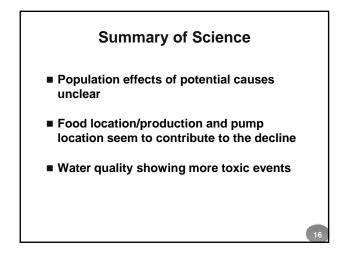




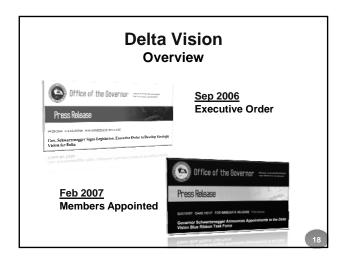


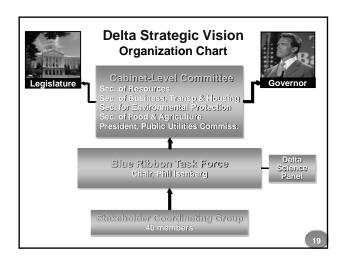














#### **Delta Strategic Vision Schedule**

- Fall 2007 Stakeholder Group & Blue Ribbon **Task Force recommendation**
- Jan 2008 Governor recommendation
- Oct 2008 Strategic implementation plan

#### **Bay-Delta Conservation Plan**

- ESA Compliance Program
- Directs focus on key fisheries
- Long-term ESA assurances
- Potential Bay-Delta "fix"
- Comprehensive ecosystem restoration

#### **Bay-Delta Conservation Plan Participants**

- Potentially Regulated Entities
  - Dept. of Water Resources
  - US Bureau of Reclamation
  - Water Contractors Metropolitan WD
    - · Zone 7
    - · Santa Clara Valley WD
    - · Westlands WD
    - · San Luis-Delta Mendota WA
    - · Kern County WA
  - Mirant Delta
  - Other Delta Water Users
    - Contra Costa Water District

- Fishery Agencies
  - Dept. of Fish & Game
  - **NOAA Fisheries**
  - US Fish & Wildlife Service
- Non-Governmental
- Organizations
- The Nature Conservancy
- American Rivers
- Natural Heritage Institute - Environmental Defense
- Defenders of Wildlife
- California Farm Bureau
- The Bay Institute

#### **Bay-Delta Conservation Plan Key Activities & Schedule**

- Jul-Sep 07 Evaluation of 4 conveyance alts
- Aug 2007 -Convene Independent Science Panel
- Sep 2007 -Initiate public outreach program
- Dec 2007 -Select single conservation framework strategy
- May-Aug '09 Public review (Conservation Plan EIR/S)
- Nov 2009 -Implementation agmt & decision to permit

#### **Legal Timeline**

**OCAP Biological Opinions for Smelt & Salmon** 

- May '07 Court ruled bio opinion inadequate
- Jul '07 Remedy submittals including State Water Contractors
- Aug '07 Court hearing
- Aug '08 Biological Opinion finaled





#### **MWD Board Delta Framework**

- Near-Term Actions
- Mid-Term Actions
- Long-Term Actions

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#### Near-Term Action Plan MWD Board Delta Framework

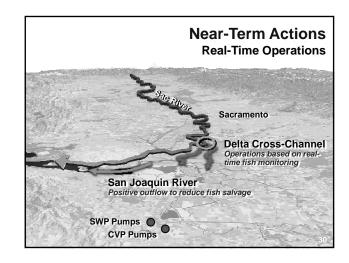
#### **2007**

- Storage withdrawals, conservation
- Delta Emergency Response Plan finalized

#### Near-Term Action Plan MWD Board Delta Framework

#### **2008**

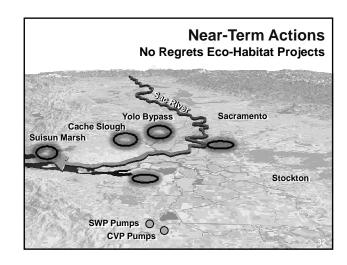
- Storage withdrawals, water purchases, conservation
- Pre-placement of rock for emergency plan
- Real-time operations to reduce impacts
- Select a governance & finance strategy to implement and operate new Delta facilities

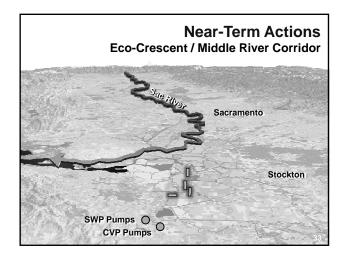


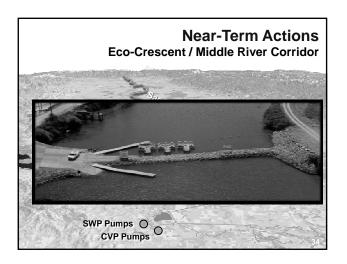
#### Near-Term Action Plan MWD Board Delta Framework

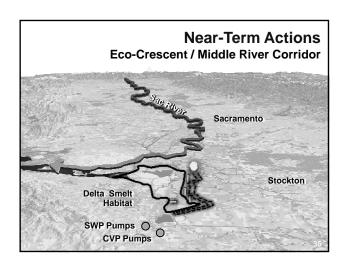
#### **2009**

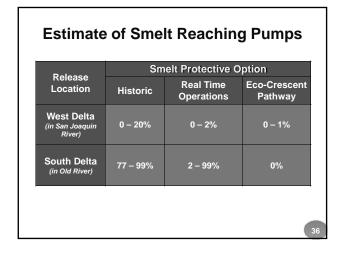
- Implement "no-regrets" eco-habitat projects
- Implement temporary Eco-Crescent / Middle River Corridor project
- Complete implementation agreement for Bay-Delta Conservation Plan

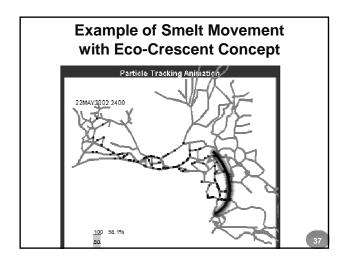












## Comparison of Near-Term Actions Average Delivery Changes

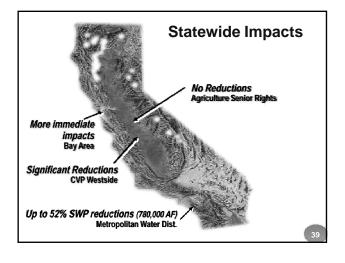
■ Historical average deliveries

- SWP/CVP 5.9 million acre-ft.

■ Near-Term Options (SWP/CVP delivery reductions)

Enviro interests 2.8 - 3.1 maf (52% reduction)
 Fed/State 1.0 - 2.3 maf (38% reduction)

- State Contractors 0.2 - 0.5 maf (7% reduction)



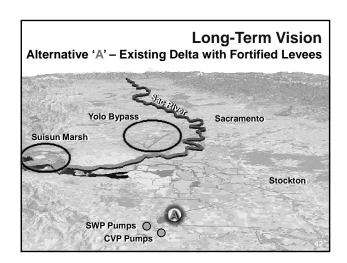
#### **Mid-Term Action Plan**

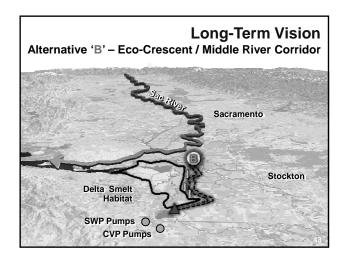
#### **2010**

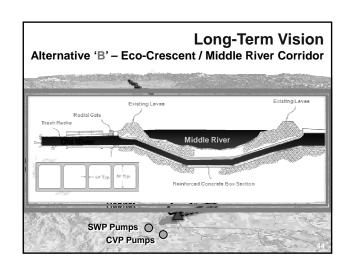
- Develop environmental documentation for long-term Delta Vision
- Secure changes to SWRCB standards based on new Delta Vision
- Continue fishery improvements
- Complete Bay-Delta Conservation Plan & acquire permits assurances for long-term operations
- Further eco-crescent implementation

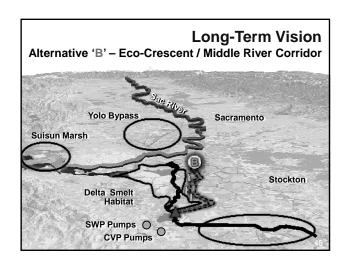


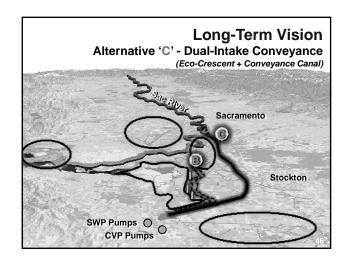
- 2011 & after
  - Implement Long-Term Delta Vision

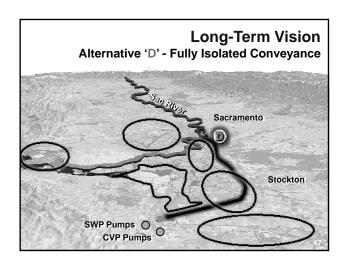


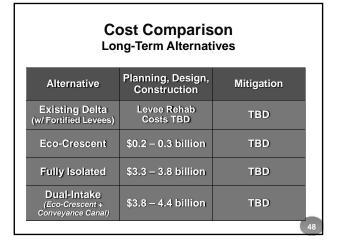


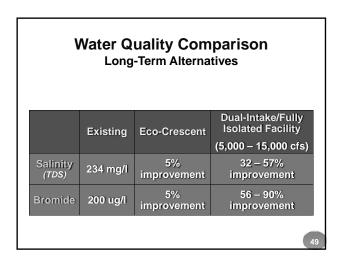










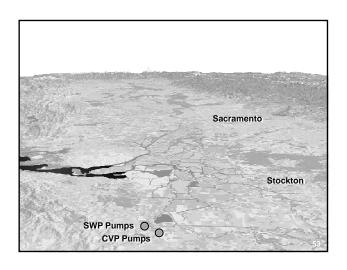


## Water Reliability Comparison Long-Term Alternatives (SWP Deliveries) Existing \* Eco-Crescent Dual-Intake/Fully Isolated Facility Low Medium High Reliability Reliability (3.0 MAF) (2.6 – 2.8 MAF) (3.0+ MAF \*\*) Current supplies at risk due to fishery declines

Preliminary studies - alternative capacities/sizes being modeled



## Preferred Options Near-Term Actions Post-Event Emergency Response & Funding Real-Time Operations Temporary Eco-Crescent/Middle River Corridor Mid-Term Actions No-regrets habitat improvements Eco-Crescent/Middle River Corridor with siphon Complete B-D Conservation Plan implementation agreement & acquire long-term permit assurances Long-Term Delta Vision Governance & finance strategy Dual-Conveyance or Fully-Isolated Facility



Background slides NOT in presentation