

**Preliminary Proposed "Core Actions"
(Which could be part of any alternative)**

Actions Selected

- Restore and enhance existing wetlands
- Protect existing wetland habitat
- Improve regulation of ballast-water releases
- Improve border inspection practices
- Modify gravel mining practices
- Use real-time monitoring and adaptive management
- Operate fish barrier on San Joaquin R. At Merced R.
- Establish incentives for conjunctive use
- Construct conveyance to off-stream storage
- Construct conveyance to groundwater storage
- Modify California Water Code to ease water transfers
- Improve procedures for transfer permitting
- Coordinate diversion and conveyance of transfers
- Establish incentives for long-term planning
- Conduct integrated Resources Planning
- Establish incentives for long-term conservation
- Develop alternate supplies for drought situations
- Develop Water Resources Data and Information Management
- Coordinate multi-agency roles in resource management
- Coordinate groundwater/surface water management
- Establish incentives for cooperation/coordination
- Establish a public awareness/education program
- Encourage local determination of supplies available
- Encourage local assessment of water supply reliability
- Enforce wastewater discharge requirements
- Prevent toxic discharges from industrial plants
- Maintain and stabilize existing levees
- Implement uniform levee maintenance standards
- Provide funding for maintenance and stabilization of levees

1A

- Conflict/Approach 1A - Basic Level of Implementation
- Fisheries/Diversion Conflict
- Fish Productivity Approach

Actions Selected	
<ul style="list-style-type: none">• Protect existing shallow habitat from erosion• Restore/preserve channel islands• Modify construction practices to include riverine elements• Improve and protect degraded riparian habitats• Modify levee maintenance practices• Protect existing riparian habitat• Upstream Anadromous Fish Habitat<ul style="list-style-type: none">manage flows in upstream habitatsmanage temperatures in upstream habitats• Modify passage at upstream dams/other barriers• Modify natural barriers to improve passage• Install barriers to keep fish in Sacramento River	

1B

- Conflict/Approach 1B - Basic Level of Implementation
Fisheries/Diversion Conflict -
Diversion Approach

Actions Selected	
<ul style="list-style-type: none">• Physical Improvements for Fish Passage• Modify passage at upstream dams/other barriers• Modify natural barriers to improve passage• Modification of Diversion Timing Patterns• Coordinate SWP/CVP diversion timing• Install barriers to Guide Fish Movement• Install barriers to block fish movement into Old River• Install barriers to keep fish in Sacramento River	

2A

- Conflict/Approach 2A - Basic Level of Implementation
- Habitat and Land Use/Flood Protection Conflict
- Improve habitat and sustain flood protection while protecting existing land use approach

Actions Selected
<i>none</i>

2B

- Conflict/Approach 2B - Basic Level of Implementation
- Habitat and Land use/Flood Protection Conflict
- Improve habitat and improve flood protection by modifying land use approach

Actions Selected
<ul style="list-style-type: none">• Restrict livestock grazing in riparian corridors

3A

- Conflict/Approach 3A - Basic Level of Implementation
- Water supply availability and beneficial uses conflict
- Demand reduction approach

Actions Selected
<ul style="list-style-type: none">• Establish procedures for allocation of export capacity• Establish institution to allocate export capacity• Coordinate land uses with water supply• Coordinate water transfers and export capacity• Market export capacity for environmental benefits

3B

- Conflict/Approach 3B - Basic Level of Implementation
- Water supply availability and beneficial uses conflict
- Supply enhancement Approach

Actions Selected	
•	Coordinate land uses with water supplies
•	Restore flows to dewatered riparian habitats

4A

- Conflict/Approach 4A - Basic Level of Implementation
- Water Quality and Land use Conflict
- Manage Quality of Delta Inflow Approach

Actions Selected	
•	Management of Agricultural Drainage
•	Reduce or control volume of agricultural drainage
•	Avoid use of high-salinity irrigation water
•	Modify cropping and irrigation practices
•	Management of M&I Discharges
	- Higher enforcement of wastewater discharge requirements
	- Prevent toxic discharges from industrial plants

4B

- Conflict/Approach 4B - Basic Level of Implementation
- Water Quality and Land use Conflict
- Post Discharge Management Approach

No Actions Selected