

## **CALFED Actions Which Will Address Current Delta Smelt Problems\***

- **Ecosystem Restoration: Habitat Improvements**
  - Restore and enhance Delta sloughs, channel islands and shoals
  - Restore and expand riverine aquatic and riparian habitats
  - Restore and expand tidal wetlands
- **Water Management Strategy**
  - Environmental Water Account: Flow management for fisheries benefits
  - Integrated Storage Investigation, including:
    - Groundwater and conjunctive use development
    - Surface water management and facilities
  - Conveyance: South Delta full export flexibility
  - Joint point of diversion for State Water Project and Central Valley Project
  - Physical interties between State Water Project and Central Valley Project
  - South Delta permanent barriers, dredging, extended agricultural intakes
  - North Delta habitat and flood control improvements and Delta Cross Channel operations
  - Water Use Efficiency
  - Water Transfers
- **Water Quality Actions**
  - Reduce Delta pollutant loads from non-point sources such as agricultural drainage, urban runoff, etc
  - Reduce Delta pollutant loads from abandoned mines, refineries, wastewater treatment plants, etc
  - Research causes of and remedies for Delta pollution problems
- **Reduce Entrainment Effects**
  - Fish screens for State Water Project and Central Valley Project diversion facilities
  - Evaluate and upgrade fish screens for Delta power plants
  - Fish screens for agricultural diversions where appropriate throughout Delta and north Bay
  - Research delta smelt screening and management to reduce mortality
- **Reduce Exotic Species Invasions and Impacts**
  - Improve ballast water management
  - Improve border inspections
  - Eradicate or control target aquatic, riparian species
- **Improve Monitoring, Assessment, and Management Techniques for Delta Smelt**

\* About \$91 million has already been provided for actions which directly or indirectly benefit delta smelt through habitat restoration, placement of fish screens, control of exotic species, and focused research.

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