

RESOURCE	BENEFICIAL CONSEQUENCES	POTENTIAL ADVERSE CONSEQUENCES
Water Supply and Water Management	Additional groundwater and/or surface water storage.	Temporary local water supply interruptions.
Water Quality	Improved water quality for all uses in most areas.	Increases in some water quality problems in the Delta or in-stream flows; increased water diversions from the Delta.
Groundwater	Improved groundwater recharge; reduced groundwater pumping and associated costs in some areas.	Increased groundwater extractions; lower groundwater quality; loss of existing wells in some areas.
Vegetation and Wildlife	Increases in target habitat types and diversity; fewer toxins in the food web; improved vigor in target populations; long-term flood protection.	Fragmentation of existing habitat corridors; loss of habitat with direct impact on special-status species; disturbance of wetland or riparian communities.
Fisheries and Aquatic Ecosystems	Improved health of aquatic species; increased abundance and distribution of desired aquatic species; improved streamflow, sediment supply, floodplain connectivity, stream temperature, and biological productivity.	Increases in nonnative species; altered natural ecosystem structure; disturbance of existing biological communities and habitat, delayed migration and reduced spawning success for adult fish in some areas.
Agricultural Land and Water Use	Increased certainty in availability of irrigation water; increased property protection; updated aging and inefficient irrigation systems; increased opportunities for water transfers of irrigation water.	Conversion of important farmland; conflicts with adjacent landuses; and conflicts with local government plans and policies.
Agricultural Economics	Protection, long-term savings, increased revenues, and certainty to the agricultural economy.	Reduction in agricultural incomes in local areas.
Agricultural Social Issues	Some localized increases in agricultural-related employment; protection of agricultural jobs and income; reduced future social dislocations.	Localized social effects related to reduced agricultural income.
Urban Land Use	Greater flood protection for urban centers.	Displacement of existing urban residences; physical disruption or division of established communities; possible conflicts with local general plans.
Urban Water Supply Economics	Improved water quality; reduced risk of floods interrupting water deliveries; increased water supply availability.	Additional costs through payment for Program elements. Many economic effects cannot be determined until more specific information is available.
Utilities and Public Services	Reduced flooding risk to utilities and public services.	Relocation or modification of major infrastructure components; increased risk of gas line rupture during construction.
Recreation Resources	Increased recreational opportunities.	Temporarily or permanently closing some recreational areas or facilities; altered recreation opportunities from changes in reservoir levels; changes to motorized boating in the Delta.
Flood Control	System-wide flood control benefits from improved levees and restored floodplains.	Increases in seepage, wind fetch, and wave erosion on landside levee slopes; localized levee slumping or cracking; adverse effects on water quality from using dredged materials.
Power Production and Energy	Some increases in hydropower generation.	Decreases in amount of energy available for nonproject uses; air quality and land use impacts from potential new power plants built to replace lost power.
Regional Economics	Increases in recreation-related or construction-based economies; increased land values; reduced cost of some water supplies; some increases in regional revenues and jobs.	Adverse effects to agricultural sector in the Delta. Amount and allocation of costs are currently uncertain.

The Draft Programmatic EIS/EIR is available for review at these

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