

The major features that would be constructed for the Upstream Diversion Alternative include the water diversion/intake structures, including a CDFG-approved fish screen; water conveyance pipelines, a new pump station, placed above the 100-year flood level; all-weather access roads; power lines; and safety features (Table S-3). The Upstream Diversion Alternative would site the diversion/intake structure upstream of the bypass tunnel inlet. Locating the diversion upstream of the bypass tunnel would not require channel restoration or tunnel closure. The project area would remain closed to the public, except for authorized designated trail use. No additional public access facilities would be developed. The pump station location and associated facilities would be the same as proposed for the Proposed Project. These features are shown on **Figure S-11** and discussed below. The estimated cost for construction of the Upstream Diversion Alternative would be approximately \$17 million.

Construction of the Upstream Diversion Alternative would require approximately 21 months beginning in 2003 and ending in summer 2004.

As with the Proposed Project, upon completion of construction and testing of the pump station, Reclamation would transfer the ownership of the facilities to PCWA, in accordance with the contract between PCWA and Reclamation to be executed prior to construction. PCWA would assume full responsibility for all operation, maintenance, and related activities associated with the pump station. Reclamation would retain the responsibility for all other operation and maintenance activities associated with the authorized Auburn Dam Project. CDPR would continue to manage existing recreation-related activities within the project area; however, use of the river would continue to be restricted under CDPR order.

Affected Environment and Environmental Consequences

This section summarizes the affected environment and environmental consequences of implementing the Proposed Project or other alternatives. The resource topics addressed by the Final EIS/EIR were initially identified by the project team engineers, planners, and facility operators, through public and agency scoping meetings, and during preliminary consultations with regulatory and resource agencies. Sections 3.4 through 3.19 of the Final EIS/EIR provide an evaluation of the following resource topics:

- ❑ Water Supply and Hydrology
- ❑ Fish Habitat and Aquatic Resources
- ❑ Terrestrial Resources
- ❑ Water Quality
- ❑ Recreation
- ❑ Visual Resources
- ❑ Cultural Resources
- ❑ Power Supply
- ❑ Land Use
- ❑ Geology and Soils
- ❑ Transportation and Circulation
- ❑ Air Quality
- ❑ Noise
- ❑ Public Health and Worker Safety
- ❑ Indian Trust Assets
- ❑ Environmental Justice
- ❑ Essential Fish Habitat
- ❑ Irreversible and Irrecoverable Use of Resources
- ❑ Short-term Uses of the Environment Versus Long-term Productivity
- ❑ Climate Change
- ❑ ESA Compliance