

**Table 4.20-1. Irreversible and Irretrievable Commitment of Resources**

Resource	Type of Commitment/Reason for Commitment	Irreversible	Irretrievable
<b>Air Quality</b>	Degradation of air quality during construction activities	No	Construction phase
<b>Biological Resources</b>	Disturbance to and/or loss of vegetation, habitat, and wildlife species during construction and operation	Yes	Project life
<b>Construction Materials and Fuels</b>	Use of: Aggregates Water Steel Aluminum Concrete Wood Fossil fuels	Yes Yes No No Yes Yes Yes	Project life and beyond Project life and beyond Project life Project life Project life and beyond Project life and beyond Project life and beyond
<b>Cultural Resources</b>	Disturbance or removal of sites; interference with visual setting during construction, operation, maintenance, and abandonment	Yes	Project life and beyond
<b>Floodplains and Wetlands</b>	Disturbance to wetlands and floodplains Loss of wetlands from construction and operation	Yes No, with compensation	Project life Project life
<b>Land Use</b>	Disturbance to agriculture Exclusion of residential, institutional, and industrial uses Increased access during construction and operation	Yes Yes Yes	Project life Project life Project life
<b>Noise</b>	Noise exceeding ambient levels during construction	Yes	Construction Phase
<b>Paleontological Resources</b>	Disturbance or removal of fossils during construction activities	Yes	Yes, if not recovered
<b>Socioeconomics</b>	Increased regional and local employment and revenues from construction	Yes	Construction phase
<b>Soils</b>	Soil loss and erosion during construction	Yes	Project life and beyond
<b>Visual</b>	Degradation of natural scenic quality, viewshed intrusion during construction and operation	Yes	Project life
<b>Water Resources</b>	Degradation of water quality from construction	No	Construction Phase

Source: Original 2002