



9. Inventory of Unavoidable Significant Impacts

9. INVENTORY OF UNAVOIDABLE SIGNIFICANT IMPACTS

GEOLOGY, SOILS AND SEISMICITY

No unavoidable adverse impacts have been identified after implementation of mitigation measures.

HYDROLOGY, DRAINAGE AND GROUNDWATER

No unavoidable adverse impacts regarding hydrology, drainage and groundwater have been identified following implementation of recommended mitigation measures.

TERRESTRIAL BIOLOGICAL RESOURCES

No unavoidable adverse impacts have been identified after implementation of recommended mitigation measures.

MARINE RESOURCES

The construction of the seawater intake and brine discharge system would result in short-term and long-term unavoidable impacts to sandy bottom habitat at depths between 25 and 35 ft. These include short-term disturbances related to trenching and filling operations, and a long-term replacement of sandy bottom habitat with hard bottom habitat. The hard bottom habitat would include a cement junction box, the seawater discharge pipeline, and armor rock that may be placed over the intake and discharge pipes. These impacts after mitigation are not considered significant. No unavoidable adverse impacts to other marine resources or endangered species are anticipated as a result of the construction or operation of the Desalination Plant.

CULTURAL RESOURCES

No unavoidable adverse impacts to cultural resources have been identified.

LAND USE AND RELEVANT PLANNING

No unavoidable adverse impacts regarding land use compatibility or relevant planning have been identified.

AESTHETICS/LIGHT AND GLARE

No unavoidable adverse impacts have been identified after implementation of recommended mitigation measures.

NOISE

Temporary noise increases would occur during project construction. However, with implementation of recommended project-related construction mitigation measures, the proposed project, would not result in significant short-term noise impacts to adjacent land uses.

AIR QUALITY

As the South Central Air Basin is non-attainment for ozone (reactive organic gases and nitrogen oxides are a precursor of ozone) and PM10, any contribution to the current non-attainment status would be a significant and unavoidable cumulative impact, although the project-specific daily thresholds would not be exceeded (in consideration of significant emissions reduction from catalytic converters or natural gas engines).

HUMAN HEALTH/RISK OF UPSET

No unavoidable adverse impacts regarding the public's health have been identified.

TRANSPORTATION AND UTILITIES

No unavoidable adverse impacts regarding transportation and utilities have been identified following implementation of recommended mitigation measures.

PUBLIC SERVICES

No significant adverse impacts have been identified after mitigation.