

# CHAPTER 4: ENVIRONMENTAL ANALYSIS

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Sections 4.1 through 4.8 of this chapter document the resource impact analyses conducted for the project. As discussed in Section 1.1, “Purpose of a Subsequent Environmental Impact Report,” of this SEIR, the CEQA Guidelines require analysis of environmental impacts caused by a proposed project.

As an initial step in the environmental review process, issues identified in the Environmental Checklist of Appendix G of the CEQA Guidelines were considered to determine whether the project would have the potential to result in significant impacts associated with each issue. The initial review is documented in the initial study prepared for the project (see Appendix A-1, “Initial Study”). Sections 4.1 through 4.8 are based on the resource topics as listed in the CEQA Guidelines’ Appendix G Environmental Checklist. These resource topics are relevant to this project:

- air quality,
- biological resources,
- cultural resources,
- geology, soils, and paleontological resources,
- greenhouse gas emissions,
- hydrology and water quality,
- land use and planning,
- tribal cultural resources, and
- mandatory findings of significance.

Section 1.3.1, “Scope of this Environmental Impact Report,” discusses those issue areas for which a detailed analysis is not included. These issue areas are aesthetics, agricultural and forestry resources, energy, hazards and hazardous materials, mineral resources, noise, population and housing, public services, recreation, transportation, utilities and services systems, and wildfire.

The general methodologies used for analyzing project impacts for the resource analyses is discussed in Chapter 3, “Terminology, Methodology, and Assumptions.” Specific methodologies are discussed in each resource section.

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