

4.0 SETTING, IMPACTS, AND MITIGATION MEASURES

This chapter contains an analysis of each issue that has been identified through preliminary environmental analysis and the public scoping session for the project and, as such, constitutes the major portion of the Draft EIR. Sections 4.1 through 4.14 of this EIR describe the environmental setting of the project as it relates to each specific environmental issue, the impacts resulting from implementation of the project, and mitigation measures that would reduce impacts of the project.

DETERMINATION OF SIGNIFICANCE

Under CEQA, a significant effect is defined as a significant, or potentially significant, adverse change in the environment. The guidelines implementing CEQA direct that this determination be based on scientific and factual data. Each impact and mitigation measure section of this chapter is prefaced by a summary of criteria of significance. These criteria have been developed using Appendix G of the CEQA Guidelines.

ISSUES ADDRESSED IN THIS DRAFT EIR

The following topics are addressed in this Chapter:

1. Aesthetics
2. Agricultural Resources
3. Air Quality
4. Biological Resources
5. Cultural Resources
6. Geology and Soils
7. Hazards and Hazardous Materials
8. Hydrology and Water Quality
9. Land Use and Planning

10. Noise and Vibration
11. Population and Housing
12. Public Services
13. Public Utilities
14. Transportation and Circulation

Preliminary analysis determined that the project would not result in significant impacts to energy and mineral resources. Subsequently, these issues are not examined in depth in sections within Chapter 4.0 of this EIR, but are briefly discussed in Chapter 6.0, CEQA Required Conclusions.

FORMAT OF ISSUE SECTIONS

Each environmental issue section has two parts: 1) Setting and 2) Impacts and Mitigation Measures. Impacts are numbered and shown in bold type, and the corresponding mitigation measures are numbered and indented. Impacts and mitigation measures are numbered consecutively within each topic.