

### CHAPTER 2.0            SIGNIFICANT ENVIRONMENTAL EFFECTS OF THE PROPOSED PROJECT

This chapter of the EIR provides a discussion of those subject areas for which Project implementation would result in either (1) significant impacts that cannot be avoided; and/or (2) significant impacts that can be avoided, reduced, or minimized through mitigation measures that would be implemented by the proposed Project. The following environmental issue areas are addressed in this chapter:

<i>Air Quality</i>	Section 2.1
<i>Biological Resources</i>	Section 2.2
<i>Cultural Resources</i>	Section 2.3
<i>Greenhouse Gas Emissions</i>	Section 2.4
<i>Hazards and Hazardous Materials</i>	Section 2.5
<i>Noise</i>	Section 2.6
<i>Paleontological Resources</i>	Section 2.7
<i>Transportation and Traffic</i>	Section 2.8

Air quality is the only issue that would incur significant and unavoidable adverse impacts. Biological resources, cultural resources, greenhouse gas emissions, hazards and hazardous materials, noise, paleontological resources, and transportation and traffic would be the issues for which mitigation would reduce Project impacts to less than significant levels.

This chapter also addresses *Significant Irreversible Environmental Changes Resultant from Project Implementation* as subchapter 2.9.