

Chapter 2

Environmental Effects of the Proposed Project

This chapter includes analysis of those effects determined to have a significant environmental impact on the existing environment. Each environmental issue area describes the existing environmental condition at the time the environmental analysis began, as well as a discussion of applicable local, state, and federal regulations pertaining to that particular resource, an analysis of the project impacts and a determination of significance, a cumulative impact analysis considering past, present, and reasonably foreseeable future projects, and determinations as to the significance of an impact prior to mitigation and after mitigation. This chapter also includes a section that discusses any significant irreversible environmental changes as a result of the proposed project.

The eight environmental issue area addressed in Chapter 2 include the following:

- Air Quality/Greenhouse Gas Emissions (Section 2.1)
- Biological Resources (Section 2.2)
- Cultural Resources (Section 2.3)
- Hazards and Hazardous Materials (Section 2.4)
- Hydrology and Water Quality (Section 2.5)
- Noise (Section 2.6)
- Traffic (Section 2.7)
- Water Supply and Groundwater (Section 2.8)

Section 2.9 then provides a discussion on significant irreversible environmental changes as a result of the proposed project.

