
4 Environmental Analysis

Introduction to Environmental Analysis

The following sections contain an analysis, by issue area, of the environmental effects of the proposed Irvine Gateway Village Project (project). The environmental issue areas analyzed in this chapter are as follows:

- Aesthetics (Section 4.1)
- Agriculture and Forestry (Section 4.2)
- Air Quality (Section 4.3)
- Biological Resources (Section 4.4)
- Cultural Resources (Section 4.5)
- Energy (Section 4.6)
- Geology and Soils (Section 4.7)
- Greenhouse Gas Emissions (Section 4.8)
- Hazards and Hazardous Materials (Section 4.9)
- Hydrology and Water Quality (Section 4.10)
- Land Use and Planning (Section 4.11)
- Noise (Section 4.12)
- Population and Housing (Section 4.13)
- Public Services (Section 4.14)
- Recreation (Section 4.15)
- Transportation (Section 4.16)
- Tribal Cultural Resources (Section 4.17)
- Utilities and Service Systems (Section 4.18)
- Wildfire (Section 4.19)

The discussions of each environmental issue area include the following subsections:

- Existing Conditions
- Relevant Plans, Policies, and Ordinances
- Thresholds of Significance
- Project Design Features (if applicable)
- Impacts Analysis
- Mitigation Measures
- Level of Significance After Mitigation
- Cumulative Impacts
- References

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