

## 4. *Environmental Analysis*

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This chapter of the Draft EIR is made up of the 14 following subsections, which evaluate the direct, indirect, and cumulative environmental impacts of the proposed Plan:

- Aesthetics and Visual Resources
- Air Quality
- Biological Resources
- Cultural Resources
- Geology, Soils, and Seismicity
- Greenhouse Gas Emissions and Climate Change
- Hazards and Hazardous Materials
- Hydrology and Water Quality
- Land Use and Planning
- Noise
- Population and Housing
- Public Services and Recreation
- Transportation and Traffic
- Utilities and Service Systems

The evaluation of potential environmental effects of the proposed Plan in this chapter are analyzed using the same significance criteria used in the February 2016 Draft EIR.

### CHAPTER ORGANIZATION

Each subsection is organized into the following sections:

- **Environmental Setting** provides a description of the existing environmental conditions and an overview of applicable laws, regulations, and plans relevant to each environmental issue. Changes to the environmental setting in the February 2016 Draft EIR are shown in ~~strike through~~ and underline. Where no changes are necessary, please consult the February 2016 Draft EIR for environmental setting information.
- **Thresholds of Significance** refer to the quantitative or qualitative standards, performance levels, or criteria used to compare the existing setting with and without the proposed Plan to determine whether the impact is significant. This Supplement to the Draft EIR uses the same thresholds of significance used in the February 2016 Draft EIR.

## ENVIRONMENTAL ANALYSIS

- **Impact Discussion** describes the potential impacts of Scenarios 5 and 6 and explains why impacts were found to be significant or less than significant prior to mitigation. Impacts and mitigation measures are numbered to correspond with an individual threshold of significance. Mitigation Measures are introduced by an abbreviated reference to the impact section and the significance of the impact after mitigation is presented. Some sections of this chapter provide a more detailed discussion and analysis of the effectiveness of proposed mitigation measures than others. These discussions are provided in the Air Quality, Greenhouse Gas Emissions and Climate Change, Noise, and Transportation sections, where a quantitative analysis was completed to demonstrate the effectiveness of the proposed mitigation measures.
- **Cumulative Impacts** analyzes cumulative impacts when considering Scenarios 5 and 6 along with other projects. The basis of the cumulative impact analysis is described in greater detail in Chapter 4 of the February 2016 Draft EIR.

## TABLE AND FIGURE NUMBERING

Some tables and figures from the February 2016 Draft EIR have been revised to include Scenarios 5 and 6. These tables and figures retain the same number as in the February 2016 Draft EIR (e.g., Table 4.10-6) for clarity and continuity. Where new tables have been added in this Supplement to the Draft EIR, they have sequential lettering (e.g., Table 4.10-A, Table 4.10-B, etc.).