

4. ENVIRONMENTAL IMPACT ANALYSIS

This chapter contains an analysis of each issue that has been identified through preliminary environmental analysis and the public scoping session for the Crystal Springs Upland School Draft EIR.

Chapters 4.1 through 4.7 of this section describe the environmental setting of the project as it relates to each specific environmental issue evaluated in the Draft EIR and the impacts resulting from implementation of the project. Proposed mitigation measures to reduce potential impacts are recommended where appropriate.

4.1 DETERMINATION OF SIGNIFICANCE

As defined by CEQA (Public Resources Code 21068), a significant effect is defined as a substantial, or potentially substantial, adverse change in the environment. 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.

4.2 ISSUES ADDRESSED IN THE DRAFT EIR

The following environmental issues are addressed in this Draft EIR:

- Aesthetics
- Agricultural and Forestry Resources
- Air Quality and Greenhouse Gas
- Biological Resources
- Cultural Resources
- Geology, Soils and Seismicity
- Hazards and Hazardous Materials
- Hydrology and Water Quality
- Land Use and Planning Policy
- Mineral Resources
- Noise
- Population and Housing
- Public Services and Utilities
- Recreation
- Transportation and Circulation

4.3 FORMAT OF ISSUE SECTIONS

The discussion of each environmental topic considered in this chapter is comprised of two primary sections: (1) setting, and (2) impacts and mitigation measures. An overview of the general organization and the information provided in the two sections is provided below:

- **Setting.** The setting section for each environmental topic generally provides a description of the applicable physical setting for the project site and its surroundings at the beginning of the environmental review process (e.g., existing land uses, existing soil conditions, existing traffic conditions). An overview of regulatory considerations that are applicable to the specific environmental topic is also provided.
- **Impacts and Mitigation Measures.** The impacts and mitigation measures section for each environmental topic presents a discussion of the impacts that could result from implementation of the proposed project. The section begins with the criteria of significance, establishing the thresholds to determine whether an impact is significant. The latter part of the section presents the impacts from the proposed project and mitigation measures, if required. The impacts of the proposed project are organized into separate categories based on their significance according to the criteria listed in each topical section: less-than-significant impacts, which do not require mitigation measures, and significant impacts, which do require mitigation measures. Lastly, cumulative impacts are discussed.

Significant 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 and begin with an acronymic reference to the impact section (e.g., LU, for Land Use).

These notations are found following each impact and each mitigation measure to identify its significance before and after mitigation:

- LTS: Less than Significant
- S: Significant
- SU: Significant and Unavoidable