

## Chapter 4.0

# Environmental Analysis

The following sections analyze the potential environmental impacts that may occur through implementation of the project. Buildout of the project is anticipated to occur over an approximately 20-year horizon. Potential impacts are assessed against the current on-the-ground condition; therefore, due to the long-term buildout horizon, circumstances, and in-turn potential impacts, have the potential to change over time. The environmental issues subject to detailed analysis in the following sections include those identified as potentially significant during the environmental review process. Fifteen environmental issues are addressed in the following sections, in accordance with the California Environmental Quality Act Guidelines and Statutes. The remaining three environmental issues were found to be less than significant and are addressed in a more abbreviated manner in Chapter 6.0. Each issue analysis section is formatted to include a summary of existing conditions, including the regulatory context; the significance determination thresholds and methodology; an evaluation of potential project impacts; mitigation measures to address potentially significant impacts; and a conclusion of significance after mitigation.