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Filer:	Sabrina Savala
Organization:	Mission Rock Energy Center, LLC
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Environmental Analysis

This chapter contains 16 individual sections. The sections represent the standard environmental, public health and safety, and local impact assessment disciplines for which the CEC Energy Facilities Siting Regulations (Title 20, CCR, Section 1704, Appendix B) require information in an AFC. Most of the sections use a standardized format under the following headings and associated content:

- **Affected Environment** includes relevant background information about the project's environmental, social, and regulatory settings.
- **Environmental Analysis** addresses the potential environmental consequences of the construction and operation of the MREC. The section begins with a list of the criteria used to determine whether environmental effects of the MREC qualify as significant adverse environmental impacts.
- **Cumulative Effects** discusses potential effects of the MREC that are not significant adverse impacts, but that could reach significance cumulatively in combination with other projects.
- **Mitigation Measures** describes any mitigation measures necessary to reduce potential impacts below the level of significance.
- **Laws, Ordinances, Regulations, and Standards** lists the LORS that pertain to the MREC for a given discipline and includes a demonstration that the MREC, as designed, would comply with all applicable LORS.
- **Agencies and Agency Contacts** is a list of federal agencies with permitting authority over the MREC, and state and local regulatory agencies that would have such permitting authority, but for the exclusive purview of the CEC to license thermal power plants with a capacity of 50 MW or more in California. This section also contains a list of regulatory agency staff and their locations.
- **Permits and Permit Schedules** identifies applicable permits and their schedules.