

3.0 ENVIRONMENTAL ASSESSMENT

The following Sections provide environmental setting information for the proposed Project area, identify potential environmental impacts from the proposed survey activities and identify what measures will be implemented as part of the Project to minimize these potential impacts to the greatest extent feasible. This information is intended to assist the Bureau of Ocean Energy Management (BOEM) and the National Oceanic and Atmospheric Administration (NOAA) Fisheries, (also known as the National Marine Fisheries Service [NMFS]) (as the Federal lead agencies) in reviewing the potential environmental impacts of the proposed Project. Resource areas that have the potential to be affected by the proposed survey activities include the following:

- Geology
- Air Emissions
- Marine Biological Resources
- Archaeological Resources
- Recreational Resources
- Water Quality
- Transportation
- Commercial and Recreational Fishing
- Hazardous Materials and Risk of Upset

For the purposes of this assessment, the Project area includes the offshore geophysical survey site, as well as the associated staging area (Port of Los Angeles and Port of Long Beach [POLA/POLB]), offshore transportation corridors to/from the POLA/POLB, as well as the regional air districts. Potential impacts associated with the Project are addressed within Sections 3.1 through 3.9. As demonstrated within the assessment, any short-term impacts to environmental resources that would result from the proposed survey have been mitigated through Project design and/or implementation of Applicant Proposed Measures (APMs).

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