
TABLE OF CONTENTS

	Page
7.0 Affected Environment	7-1

7.0 AFFECTED ENVIRONMENT

This section follows the Federal Energy Regulatory Commission's (FERC or Commission) content requirements at Title 18 of the Code of Federal Regulations (CFR) § 5.18(b)(5)(ii)(A) which specify that, "the applicant must provide a detailed description of the affected environment or area(s) to be affected by the proposed project by each resource area. This description must include the information on the affected environment filed in the Pre-Application Document (PAD) provided for in § 5.6, developed under the applicant's approved study plan, and otherwise developed or obtained by the applicant. The section must include a general description of socio-economic conditions in the vicinity of the project including general land use patterns (e.g., urban, agricultural, forested), population patterns, and sources of employment in the project vicinity." In addition, as required under § 5.18(b), this section follows the Commission's "Preparing Environmental Documents: Guidelines for Applicants, Contractors, and Staff" (FERC 2008).

The affected environment was developed from information included in Placer County Water Agency's PAD and collected during implementation of 28 FERC-approved Technical Study Plans (TSP) developed for the relicensing of the Middle Fork American River Project (MFP or Project). Results of these studies are provided in Technical Study Reports (TSR) included in Supporting Document (SD) B. The affected environment descriptions identify existing resource conditions under current operations and maintenance of the MFP (baseline conditions).

This section is organized as follows:

- 7.1 – General Description of the River Basin
- 7.2 – Geology and Soils Affected Environment
- 7.3 – Water Use Affected Environment
- 7.4 – Water Quality Affected Environment
- 7.5 – Fish and Aquatics Resources Affected Environment
- 7.6 – Botanical and Wildlife Resources Affected Environment
- 7.7 – Geomorphology Resources Affected Environment
- 7.8 – Riparian Resources Affected Environment
- 7.9 – Recreation Resources Affected Environment
- 7.10 – Land Use Affected Environment
- 7.11 – Aesthetic Resources Affected Environment

- 7.12 – Cultural Resources Affected Environment
- 7.13 – Tribal Resources Affected Environment
- 7.14 – Socioeconomic Conditions Affected Environment
- 7.15 – Air Quality Affected Environment

LITERATURE CITED

Federal Energy Regulatory Commission (FERC). 2008. Preparing Environmental Documents: Guidelines for Applicants, Contractors, and Staff.