
State of California
The Resources Agency
Department of Water Resources

**MATRIX OF LIFE HISTORY AND
HABITAT REQUIREMENTS FOR
FEATHER RIVER FISH SPECIES
SP-F15 TASK 1
SP-F21 TASK 1
SP-F3.2 TASK 2**

**Oroville Facilities Relicensing
FERC Project No. 2100**



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State of California

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INTRODUCTION

Ongoing operations of the Oroville Facilities Influences water temperatures and surface water elevation fluctuations in the lower Feather River, Thermalito Forebay, Thermalito Diversion Pool, Thermalito Afterbay and Oroville Wildlife area. Additionally, the Oroville Facilities prohibit upstream passage of anadromous fishes to the upper Feather River tributaries to Lake Oroville. Water temperature and surface water elevation are important factors influencing the availability of fish habitat. As a component of study plans (SP)-F3.2, F15, and F21 the Matrices of Life History and Habitat Requirements for fish species within the Oroville Project Area provide documentation of the life histories and habitat requirements of fish species with the potential to occur within the FERC project boundary.

The difference between the Interim matrices and Final matrices includes the addition of new information where applicable. In addition to the incorporation of new information describing the life history or habitat requirements of Chinook salmon, steelhead, and green sturgeon, the matrices associated with SP-F15 Task 1, include information relating to upstream fish passage.

Preliminary Information – Subject to Revision – For Collaborative Process Purposes Only