Placer County Water Agency

Middle Fork American River Hydroelectric Project

(FERC Project No. 2079)

Draft Terrestrial Technical Studies Development Worksheet

Potential Resource Issue[1]	Project Nexus[2]	Potential Affected License Condition[3]	Information Needs[4]	Technical Studies[5]
Terrestrial Resources				
1. Maintain and protect vegetation communities and wildlife habitat	Project maintenance activities could affect vegetation communities and wildlife habitat	Project maintenance activities	• Determine the extent and location of vegetation communities and wildlife habitats	Vegetation Communities and Wildlife Habitat Study
2. Protect special-status plant populations	Project maintenance could result in removal or disturbance of special-status plant populations	Project maintenance activities	• Determine the location of special status plants	Special-Status Plants Study
3. Reduce the spread or introduction of invasive/noxious weeds	Project maintenance could result in the spread or introduction invasive/noxious weeds	Project maintenance activities	• Determine the location of invasive/noxious weeds	Invasive/Noxious Weeds Study
4. Protect special-status wildlife species and their habitat	Project maintenance could result in disturbance of special-status wildlife species or their habitats	Project maintenance activities	• Determine the location of special-status wildlife species and their habitat	Special-Status Wildlife Study
5. Protect tribal plant and wildlife resources	Project maintenance could result in effects to tribal plant and wildlife species	Project maintenance activities	• Create list of tribal plant and wildlife species of concern to the tribes • Determine the location of tribal plant and wildlife species and their habitat	Tribal Plant and Wildlife Resources Study
6. Protect bald eagles and appropriate nesting and wintering habitat	Project maintenance and operations could result in disturbance of nesting bald eagles and modification of nesting and wintering habitat	Project maintenance activities	• Determine the location of bald eagle nests and nesting and wintering habitat	Bald Eagle Study
7. Protect bald eagles and other raptors from electrocution	Project power and communication lines could result in electrocution of bald eagle and other raptors	Project facilities	• Determine Project communication and power lines that are in compliance with APLIC Guidelines • Compile information on historic raptor electrocution on Project power and communication lines	Bald Eagle Study Special-Status Wildlife Study
8. Protect special-status bat species	Project operation and maintenance could affect roosting special-status bat populations in project and recreation facilities	Project operations and maintenance activities	• Determine the location of special-status bats in Project facilities and recreation facilities	Special-Status Bat Species Study

[1]**Potential Resource Issue:** An environmental or cultural resource objective that may be affected by Project operation or maintenance.

[2]**Project Nexus:** The connection between Project operations or maintenance activities and their potential effect on environmental or cultural resources.

[3]**Potential Affected License Condition:** A potential new requirement given to the Placer County Water Agency (PCWA) by the Federal Energy Regulatory Commission (FERC) as part of relicensing (permitting) to operate and maintain the Project for energy generation.

[4]**Information Needs:** Data necessary to fully evaluate potential Project effects on environmental and cultural resources and develop potential license conditions that balance resource interests.

[5]**Technical Studies:** Information gathering and analysis designed to evaluate the potential effects of the Project on environmental and cultural resources.

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