

**POTENTIAL RESOURCE ISSUE:**

Maintenance of Project roads and trails.

**PROJECT NEXUS:**

Project has the responsibility to maintain Project roads and trails.

**POTENTIAL LICENSE CONDITION:**

- Transportation System Management Plan

**STUDY OBJECTIVES:**

- Identify and describe Project roads and trails including condition and maintenance.
- Identify and describe non-Project roads and trails used by PCWA.
- Identify the locations along Project roads and non-project general access roads that may limit access to Project facilities from natural events.
- Characterize vehicle use of non-Project general access roads.
- Identify new roads or trails necessary to construct or access potential Project betterments.

**EXTENT OF STUDY AREA:**

The study area includes Project roads and trails (Table Land1-1) and non-Project general access roads. Non-Project general access roads are public roads necessary to access Project facilities or developed Project recreation facilities.

**STUDY APPROACH:**

Identify and Describe Project Roads and Trails

- Identify all Project roads and trails used by Placer County Water Agency (PCWA) to access Project facilities, including developed Project recreation facilities. A preliminary list and map of Project roads and trails is provided in the *Placer County Water Agency Middle Fork American River Hydroelectric Project (FERC NO. 2079) Draft Project Description* (PCWA 2006).
- Conduct a road assessment to characterize the current condition of Project roads and trails. The road assessment survey instrument will be developed in consultation with the USDA-FS and may consist of the following:
  - Surface treatment (e.g., paved, gravel, dirt)
  - General condition
  - Drainage features
  - Safety and access features (e.g., signage, gates)

- Identify current maintenance practices, schedules, and responsibilities for Project roads and trails including road and trail maintenance agreements between PCWA and USDA-FS.

#### Identify and Describe Non-Project Roads and Trails

- Identify all non-Project roads and trails used by PCWA to access Project facilities, including those that cross private land.
- Describe PCWA maintenance activities associated with non-Project roads, including snow plowing.

#### Identify Locations that may be at Risk to Damage from Natural Events

- Identify, describe, and map the locations along Project roads and non-Project general access roads that may limit access to Project facilities from natural events (e.g., flooding, landslides, fire).

#### Characterize Vehicle Use of non-Project General Access Roads.

- Describe current vehicle use of non-Project general access roads using relevant information contained in existing traffic studies and vehicle count information developed as part of the recreation visitor counts being conducted as part of REC-1- Recreation Use and Facility Assessment.
- Review data recreation user survey data developed as part of REC-2 to identify and characterize use of non-Project roads by visitors using Project recreation facilities.
- Develop a Daily Travel Log for each PCWA vehicle to document year-round usage of non-Project general access roads by PCWA personnel.

#### Identify New Roads or Trails associated with Project Betterments

- Identify, describe, and develop a GIS map showing the location of any new roads or trails that would be necessary to construct or access potential Project betterments.

#### **SCHEDULE:**

To be developed in early 2007.

#### **REFERENCES:**

Placer County Water Agency (PCWA). 2006. Middle Fork American River Hydroelectric Project (FERC No. 2079) Draft Project Description.