

LVFPD, and the MLFPD prior to construction. In consultation with the local agencies, the USFS will determine any additional BMPs that shall be implemented. The Fire Protection and Prevention Plan shall include, but not be limited to, the following:

1. Requirement for the number and size of water trucks equipped with 50 feet of fast response hose with fog nozzles that shall be maintained on-site during construction for immediate response to fire incidents
2. Training of all construction workers on fire prevention methods, the proper use of firefighting equipment and procedures to be followed in the event of a fire.
3. Maintenance of fire extinguishers and fire-fighting equipment at each construction site sufficient to extinguish small fires.
4. Definition of appropriate defensible spaces that shall be maintained around permanent structures for acceptable wildland fire protection

There would be no adverse secondary impacts of **Mitigation Measures PHS-1** and **PHS-2**.

Recreation

Mitigation Measure REC-1: ORNI 50, LLC shall post informational materials about the CD-IV Project at, but not limited to: nearby recreation sites / campgrounds, access points, the Mammoth Lakes Trail System website, and the Mammoth Welcome Center. This material shall include construction schedules and safety information regarding trucks and other heavy equipment use on local roads and NFSRs, and identify route closures. Signage shall be designed to function during winter and non-winter conditions, and shall be consistent with USFS and Town of Mammoth signage requirements, as appropriate. In addition, construction vehicle speed shall be limited to 15 miles per hour; with temporary signage warning construction vehicles to reduce speeds in areas with blind corners, narrow roads, or hills.

Mitigation Measure REC-2: ORNI 50, LLC shall monitor all pipeline routes for evidence of OHV use and if such use is identified, further OHV use shall be prevented through posting of signs and the physical blocking of access, or other restriction measures. ORNI 50, LLC shall also monitor revegetation of pipeline alignments and replant vegetation if necessary.

Mitigation Measure REC-3: ORNI 50, LLC shall provide information regarding pipeline crossing locations and road closures at, but not limited to: nearby recreation sites / campgrounds, access points, the Mammoth Lakes Trail System website, and the Mammoth Lakes Visitor Center. Signage shall be designed to function during winter and non-winter conditions, and shall be consistent with USFS and Town of Mammoth signage requirements, as appropriate. In addition, operational vehicle speed shall be limited to 15 miles per hour road and signage shall be installed, consistent with USFS and County requirements. ORNI 50, LLC shall also coordinate with the Town of Mammoth and the USFS to ensure that a Shady Rest OSV staging area and access to the staging area is plowed to provide winter access. In addition, banks formed by road plowing shall be shaped such that crossing grade changes are gradual in areas where cross country use is prevalent.

In addition, implement **Mitigation Measures VIS-1** through **VIS-3**.

Socioeconomics and Environmental Justice

None required.

Traffic/Access/Circulation

Mitigation Measure TRA-1: Prior to construction and/or decommissioning, ORNI 50, LLC shall develop a Coordinated Transportation Management Plan and work with Mono County to prepare and implement a transportation management plan for roadways adjacent to and directly affected by the planned CD-IV Project facilities, and to address the transportation impact of the overlapping construction projects within the vicinity of the CD-IV Project in the region. The transportation management plan shall include, but not be limited to, the following requirements:

1. Coordination of individual traffic control plans for the Project and nearby projects.
2. Coordination between the contractor and Mono County in developing circulation and detour plans that include safety features (e.g., signage and flaggers). The circulation and detour plans shall address:
 - a. Full and partial roadways closures
 - b. Circulation and detour plans to include the use of signage and flagging to guide vehicles through and/or around the construction zone, as well as any temporary traffic control devices
 - c. Bicycle/Pedestrian detour plans, where applicable
 - d. Parking along public roadways
 - e. Haul routes for construction trucks and staging areas for instances when multiple trucks arrive at the work sites
 - f. Repairing and restoring affected roadway rights-of way to their original condition or better after construction and decommissioning are completed, where applicable.
3. Protocols for updating the transportation management plan to account for delays or changes in the schedules of individual projects.

Utilities and Public Services

None required.

Visual/Aesthetics

Mitigation Measure VIS-1: Landscape Plan. Prior to construction, ORNI 50, LLC shall prepare, submit for approval by the USFS, and implement a landscape plan that includes planting of native trees and shrub vegetation at select locations to further screen well site facilities and the geothermal pipeline from view from Sawmill Cutoff Road (NFSR 03S08), Sawmill Road (03S25), Shady Rest Park, U.S. Highway 395, SR 203, and Knolls Loop. The landscape plan shall be coordinated with the revegetation plan (refer to **Mitigation Measure VEG-1**) including a monitoring and reporting plan. Permanent fencing shall be precluded to reduce potential barriers to wildlife. To minimize adverse visual effects from