

# APPENDIX A

## Mitigation Monitoring, Reporting and Compliance Program

**PUBLIC UTILITIES COMMISSION**

505 VAN NESS AVENUE  
SAN FRANCISCO, CA 94102-3298



# **MITIGATION MONITORING, REPORTING AND COMPLIANCE PROGRAM**

## **PACIFICORP'S YREKA-WEED 115 KV TRANSMISSION LINE UPGRADE PROJECT SOUTHERN PORTION AND WEED SEGMENT (APPLICATION NOS. A.05-12-011 AND A.07-01-046)**

### **INTRODUCTION**

This document describes the mitigation monitoring, reporting and compliance program (MMRCP) for ensuring the effective implementation of the mitigation measures required for the California Public Utilities Commission (CPUC, or Commission) approval of the PacifiCorp application to construct and operate approximately 4 miles (total) of upgraded and/or new 115 kV transmission line (a combination of single and double circuits) and a rebuild of the Weed Substation. All mitigations for the Environmentally Superior Alternative (Mackintosh/ALJ Variation A) are presented in Table A-1 provided at the end of this MMRCP.

If the Proposed Project (with Mackintosh/ALJ Variation A) and Weed Segment are approved, this MMRCP would serve as a self-contained general reference for the Mitigation Monitoring Program adopted by the Commission for the project. If and when the Proposed Project and Weed Segment have been approved by the Commission, the CPUC will compile the Final Plan from the Mitigation Monitoring Program in the Final Environmental Impact Report (EIR), as adopted.

### **California Public Utilities Commission – MMRCP Authority**

The California Public Utilities Code in numerous places confers authority upon the CPUC to regulate the terms of service and the safety, practices and equipment of utilities subject to its jurisdiction. It is the standard practice of the CPUC, pursuant to its statutory responsibility to protect the environment, to require that mitigation measures stipulated as conditions of approval be implemented properly, monitored, and reported on. In 1989, this requirement was codified statewide as Section 21081.6 of the Public Resources Code. Section 21081.6 requires a public agency to adopt a MMRCP when it approves a project that is subject to preparation of a EIR and where the EIR for the project identifies potentially significant environmental effects. California Environmental Quality Act (CEQA) Guidelines Section 15097 was added in 1999 to further clarify agency requirements for mitigation monitoring and reporting.

The purpose of a MMRCP is to ensure that measures adopted to mitigate or avoid significant impacts of a project are implemented. The CPUC views the MMRCP as a working guide to facilitate not only the implementation of mitigation measures by the project proponent, but also the monitoring, compliance and reporting activities of the CPUC and any monitors it may designate.

The Commission will address its responsibility under Public Resources Code Section 21081.6 when it takes action on PacifiCorp's applications. If the Commission approves the applications, it will also adopt a Mitigation Monitoring, Compliance, and Reporting Program that includes the mitigation measures ultimately made a condition of approval by the Commission.

Because the CPUC must decide whether or not to approve the PacifiCorp applications and because the application may cause either direct or reasonably foreseeable indirect effects on the environment, CEQA requires the CPUC to consider the potential environmental impacts that could occur as the result of its decisions and to consider mitigation for any identified significant environmental impacts.

If the CPUC approves PacifiCorp's applications for authority to construct and operate the transmission line and modify its substation, PacifiCorp would be responsible for implementation of any mitigation measures governing both construction and future operation of the transmission line and substation. Though other state and local agencies would have permit and approval authority over construction of the transmission line, the CPUC would continue to act as the lead agency for monitoring compliance with all mitigation measures required by this EIR. All approvals and permits obtained by PacifiCorp would be submitted to the CPUC for mitigation compliance prior to commencing the activity for which the permits and approvals were obtained.

In accordance with CEQA, the CPUC reviewed the impacts that would result from approval of the applications. The activities considered include the construction of the upgraded and new transmission lines and rebuild of the Weed Substation, and the future operation of the transmission line and substation. The CPUC review concluded that all potential impacts could be mitigated to less than significant levels. PacifiCorp has agreed to incorporate all the proposed mitigation measures into the project. The CPUC has included the stipulated mitigation measures as conditions of approval of the applications and has circulated a Draft EIR.

The attached EIR presents and analyzes potential environmental impacts that would result from construction and operation of the new transmission line and substation modifications, and proposes mitigation measures, as appropriate. Based on the EIR, approval of the application would have no impact or less than significant impacts in the following areas:

- Geology, Soils, and Seismicity
- Mineral Resources
- Population and Housing

The EIR indicates that approval of the applications would result in potentially significant impacts in the areas of:

- Aesthetics
- Agriculture Resources
- Hydrology and Water Quality
- Land Use, Plans, and Policies

- Air Quality
- Biological Resources
- Cultural Resources
- Hazards and Hazardous Materials
- Noise
- Public Services and Recreation
- Transportation and Traffic
- Utilities and Services

## **Roles and Responsibilities**

As the lead agency under CEQA, the CPUC is required to monitor this project to ensure that the required mitigation measures and any Applicant Proposed Measures are implemented. The CPUC will be responsible for ensuring full compliance with the provisions of this MMRCPP and has primary responsibility for implementation of the monitoring program. The purpose of the monitoring program is to document that the mitigation measures required by the CPUC are implemented and that mitigated environmental impacts are reduced to the level identified in the Program. The CPUC has the authority to halt any activity associated with the proposed project if the activity is determined to be a deviation from the approved project or the adopted mitigation measures.

The CPUC may delegate duties and responsibilities for monitoring to other mitigation monitors or consultants as deemed necessary. The CPUC will ensure that the person(s) delegated any duties or responsibilities are qualified to monitor compliance.

The CPUC, along with its mitigation monitor, will ensure that any variance process, which will be designed specifically for the proposed project, or deviation from the procedures identified under the monitoring program is consistent with CEQA requirements; no project variance will be approved by the CPUC if it creates new significant environmental impacts. As defined in this MMRCPP, a variance should be strictly limited to minor project changes that will not trigger other permit requirements, that does not increase the severity of an impact or create a new impact, and that clearly and strictly complies with the intent of the mitigation measure. A proposed project change that has the potential for creating significant environmental effects will be evaluated to determine whether supplemental CEQA review is required. Any proposed deviation from the approved project and adopted mitigation measures, including correction of such deviation, shall be reported immediately to the CPUC and the mitigation monitor assigned to the construction for their review and approval. In some cases, a variance may also require approval by a CEQA responsible agency.

## **Enforcement and Responsibility**

The CPUC is responsible for enforcing the procedures for monitoring through the environmental monitor. The environmental monitor shall note problems with monitoring, notify appropriate agencies or individuals about any problems, and report the problems to the CPUC. The CPUC has the authority to halt any construction, operation, or maintenance activity associated with the project if the activity is determined to be a deviation from the approved project or adopted mitigation measures. The CPUC may assign its authority to their environmental monitor.

## **Mitigation Compliance Responsibility**

PacifiCorp is responsible for successfully implementing all the adopted mitigation measures in this MMRCPP. The MMRCPP contains criteria that define whether mitigation is successful. Standards for successful mitigation also are implicit in many mitigation measures that include such requirements as obtaining permits or avoiding a specific impact entirely. Additional mitigation success thresholds will be established by applicable agencies with jurisdiction through the permit process and through the review and approval of specific plans for the implementation of mitigation measures.

PacifiCorp shall inform the CPUC and its mitigation monitor in writing of any mitigation measures that are not or cannot be successfully implemented. The CPUC in coordination with its mitigation monitor will assess whether alternative mitigation is appropriate and specify to PacifiCorp the subsequent actions required.

## ***Dispute Resolution Process***

This MMRCPP is expected to reduce or eliminate many of the potential disputes concerning the implementation of the adopted measures. However, in the event that a dispute occurs, the following procedure will be observed:

- **Step 1.** Disputes and complaints (including those of the public) should be directed first to the CPUC's designated Project Manager for resolution. The Project Manager will attempt to resolve the dispute.
- **Step 2.** Should this informal process fail, the CPUC Project Manager may initiate enforcement or compliance action to address deviations from the Proposed Project or adopted Mitigation Monitoring Program.
- **Step 3.** If a dispute or complaint regarding the implementation or evaluation of the MMRCPP or the mitigation measures cannot be resolved informally or through enforcement or compliance action by the CPUC, any affected participant in the dispute or complaint may file a written "notice of dispute" with the CPUC's Executive Director. This notice should be filed in order to resolve the dispute in a timely manner, with copies concurrently served on other affected participants. Within 10 days of receipt, the Executive Director or designee(s) shall meet or confer with the filer and other affected participants for purposes of resolving the dispute. The Executive Director shall issue an Executive Resolution describing his/her decision, and serve it on the filer and other affected participants.
- **Step 4.** If one or more of the affected parties is not satisfied with the decision as described in the Resolution, such party(ies) may appeal it to the Commission via a procedure to be specified by the Commission.

Parties may also seek review by the Commission through existing procedures specified in the Commission's Rules of Practice and Procedure for formal and expedited.

## **General Monitoring Procedures**

### ***Mitigation Monitor***

Many of the monitoring procedures will be conducted during the construction phase of the project. The CPUC and the mitigation monitor are responsible for integrating the mitigation monitoring procedures into the construction process in coordination with PacifiCorp. To oversee the monitoring procedures and to ensure success, the mitigation monitor assigned to the construction must be on site during that portion of construction that has the potential to create a significant environmental impact or other impact for which mitigation is required. The mitigation monitor is responsible for ensuring that all procedures specified in the monitoring program are followed.

### ***Construction Personnel***

A key feature contributing to the success of mitigation monitoring will be obtaining the full cooperation of construction personnel and supervisors. Many of the mitigation measures require action on the part of the construction supervisors or crews for successful implementation. To ensure success, the following actions, detailed in specific mitigation measures included in the MMRCP, will be taken:

- Procedures to be followed by construction companies hired to do the work will be written into contracts between PacifiCorp and any construction contractors. Procedures to be followed by construction crews will be written into a separate agreement that all construction personnel will be asked to sign, denoting agreement.
- One or more pre-construction meetings will be held to inform all and train construction personnel about the requirements of the MMRCP.
- A written summary of mitigation monitoring procedures will be provided to construction supervisors for all mitigation measures requiring their attention.

### ***General Reporting Procedures***

Site visits and specified monitoring procedures performed by other individuals will be reported to the mitigation monitor assigned to the construction. A monitoring record form will be submitted to the mitigation monitor by the individual conducting the visit or procedure so that details of the visit can be recorded and progress tracked by the mitigation monitor. A checklist will be developed and maintained by the mitigation monitor to track all procedures required for each mitigation measure and to ensure that the timing specified for the procedures is adhered to. The mitigation monitor will note any problems that may occur and take appropriate action to rectify the problems. PacifiCorp shall provide the CPUC with written quarterly reports of the project, which shall include progress of construction, resulting impacts, mitigation implemented, and all other noteworthy elements of the project. Quarterly reports shall be required as long as mitigation measures are applicable.

***Public Access to Records***

The public is allowed access to records and reports used to track the monitoring program. Monitoring records and reports will be made available for public inspection by the CPUC on request. The CPUC and PacifiCorp will develop a filing and tracking system.

***Condition Effectiveness Review***

In order to fulfill its statutory mandates to mitigate or avoid significant effects on the environment and to design a MMRCPP to ensure compliance during project implementation (CEQA 21081.6):

- The CPUC may conduct a comprehensive review of conditions which are not effectively mitigating impacts at any time it deems appropriate, including as a result of the Dispute Resolution procedure outlined above; and
- If in either review, the CPUC determines that any conditions are not adequately mitigating significant environmental impacts caused by the project, or that recent proven technological advances could provide more effective mitigation, then the CPUC may impose additional reasonable conditions to effectively mitigate these impacts.

These reviews will be conducted in a manner consistent with the CPUC's rules and practices.

**Mitigation Monitoring, Reporting and Compliance Program**

The table attached to this program presents a compilation of the mitigation measures in the EIR for the Environmentally Superior Alternative (i.e., Mackintosh/ALJ Variation A). The purpose of the table is to provide a single comprehensive list of impacts, mitigation measures, monitoring and reporting requirements, and timing.

**TABLE A-1**  
**MITIGATION MONITORING, REPORTING AND COMPLIANCE PROGRAM FOR YREKA-WEED 115 kV TRANSMISSION LINE UPGRADE PROJECT,**  
**SOUTHERN PORTION AND THE WEED SEGMENT**

Environmental Impact	Mitigation Measures Proposed in this EIR	Implementing Actions	Monitoring/Reporting Requirements	Timing
<b>Aesthetics</b>				
<b>AES-VAR/A-1:</b> The Mackintosh/ALJ Variation A alternative would affect scenic views from an approximately 1/2-mile portion of Highway 97. <i>Less than significant with mitigation</i> (Class II).	<p><b>AES-VAR/A-1:</b> In consultation with the Siskiyou County Public Works Department, Caltrans, and the Volcanic Legacy Community Partnership, PacifiCorp shall have a landscape plan prepared by a licensed landscape architect or certified arborist. This plan shall including the planting of trees and/or shrubs individually or in informal groupings to partially screen close range unobstructed views of Pole 15/47, Pole 18/47, Pole 19/47, Pole 20/47, Pole 3/48, Pole 4/48 and Pole 5/48; as well as long range unobstructed views of Pole 16/47, Poles 17/47 and Poles 2/48 from Highway 97.</p> <p>Planting shall be designed to substantially preserve scenic mountain vistas seen in the backdrop. While it is not expected that new trees and/or shrubs will fully screen views of the replacement transmission structures, this mitigation will introduce additional landscape elements in the foreground that provide partial screening and effectively reduce this alternative's overall visibility.</p> <p>Plant material shall be appropriate to the local/natural landscape setting and shall be consistent with Public Resources Code Section 4292 for vegetation located in proximity to transmission facilities. The landscape plan will show the location, suggested species and size at planting for all proposed plant material. The plan shall show proposed landscaping in relation to the final placement of the route alignment and replacement poles. The plan shall be submitted to, reviewed and approved by the CPUC prior to commencement of construction.</p>	PacifiCorp and its contractors shall implement measure as defined.	<p>PacifiCorp to submit plan to the CPUC.</p> <p>CPUC mitigation monitor to inspect compliance.</p>	<p>At least one month prior to construction of the transmission line.</p> <p>During construction of the transmission line.</p>



**TABLE A-1 (continued)**  
**MITIGATION MONITORING, REPORTING AND COMPLIANCE PROGRAM FOR YREKA-WEED 115 kV TRANSMISSION LINE UPGRADE PROJECT,**  
**SOUTHERN PORTION AND THE WEED SEGMENT**

Environmental Impact	Mitigation Measures Proposed in this EIR	Implementing Actions	Monitoring/Reporting Requirements	Timing
Aesthetics (cont.)				
<b>AES-VAR/A-2:</b> Rebuild of the Weed Substation and new poles at the Weed Junction Substation would affect views from a limited portion of Highway 97, a designated National Scenic Byway, designated County Scenic Highway, and an Eligible State Scenic Highway. <i>Less than significant with mitigation</i> (Class II).	<b>AES-VAR/A-2a:</b> Landscaping shall be installed outside the perimeter fence at the Weed Junction Substation to partially screen views from Highway 97 and to integrate the Weed Junction Substation's appearance with the surrounding landscape. Additional landscaping shall also be installed along the roadside, south of the substation, to partially enclose roadway views and to partially screen views toward the transmission poles seen in the foreground.  Plant material shall be appropriate to the local/natural landscape setting and shall be consistent with Public Resources Code Section 4292 for vegetation located in proximity to transmission facilities. A landscape plan prepared by a licensed landscape architect or certified arborist shall be submitted to the CPUC. The landscape plan will show the location, suggested species and size at planting for all proposed plant material. The plan shall show proposed landscaping in relation to the final placement of the route alignment replacement poles, and substation perimeter fence. The plan shall be submitted to, reviewed and approved by the CPUC prior to commencement of construction.	PacifiCorp and its contractors shall implement measure as defined.	PacifiCorp to submit plan to the CPUC.  CPUC mitigation monitor to inspect compliance.	At least one month prior to construction at the Weed Junction Substation.  During construction at the Weed Junction Substation.
	<b>AES-VAR/A-2b:</b> Perimeter fencing at the Weed Junction Substation shall incorporate aesthetic treatment through use of appropriate, non-reflective materials, such as chain link fence with light brown vinyl slats.	PacifiCorp and its contractors shall implement measure as defined.	CPUC mitigation monitor to inspect compliance.	During construction at the Weed Junction Substation.
	<b>AES-VAR/A-2c:</b> Landscaping shall be installed outside the perimeter fence at the Weed Substation to partially screen views from Highway 97 and to integrate the Weed Substation's appearance with the surrounding landscape. Additional landscaping shall also be installed along the roadside, south and east of the substation, to partially enclose roadway views and to partially screen views toward the transmission poles seen along the skyline.	PacifiCorp and its contractors shall implement measure as defined.	PacifiCorp to submit plan to the CPUC.  CPUC mitigation monitor to inspect compliance.	At least one month prior to construction at the Weed Junction Substation.  During construction at the Weed Junction Substation.

**TABLE A-1 (continued)**  
**MITIGATION MONITORING, REPORTING AND COMPLIANCE PROGRAM FOR YREKA-WEED 115 kV TRANSMISSION LINE UPGRADE PROJECT,**  
**SOUTHERN PORTION AND THE WEED SEGMENT**

Environmental Impact	Mitigation Measures Proposed in this EIR	Implementing Actions	Monitoring/Reporting Requirements	Timing
Aesthetics (cont.)				
<b>AES-VAR/A-2</b> (cont.)	Plant material shall be appropriate to the local/natural landscape setting and shall be consistent with Public Resources Code Section 4292 for vegetation located in proximity to transmission facilities. A landscape plan prepared by a licensed landscape architect or certified arborist shall be submitted to the CPUC. The landscape plan will show the location, suggested species and size at planting for all proposed plant material. The plan shall show proposed landscaping in relation to the final placement of the route alignment replacement poles, and substation perimeter fence. The plan shall be submitted to, reviewed and approved by the CPUC prior to commencement of construction.			
	<b>AES-VAR/A-2d:</b> Where visible from Highway 97, perimeter fencing at the Weed Substation shall incorporate aesthetic treatment through use of attractive, non-reflective materials, such as chain link fence with light brown vinyl slats; in order enhance its aesthetic appearance.	PacifiCorp and its contractors shall implement measure as defined.	CPUC mitigation monitor to inspect compliance.	During construction at the Weed Substation.
<b>AES-VAR/A-3:</b> The Mackintosh/ALJ Variation A alternative would adversely affect the visual character within an approximately 1/2-mile portion of Highway 97 corridor, a designated National Scenic Byway, designated County Scenic Highway, and an Eligible State Scenic Highway. <i>Significant</i> (Class I).	<b>AES-VAR/A-3a:</b> Implement Mitigation Measure AES-VAR/A-1. <i>See above.</i>	PacifiCorp and its contractors shall implement measure as defined.	PacifiCorp to submit plan to the CPUC.  CPUC mitigation monitor to inspect compliance.	At least one month prior to construction of the transmission line.  During construction of the transmission line.
	<b>AES-VAR/A-3b:</b> PacifiCorp shall <u>redesign and construct Poles 17/47 and 5/48 as double-circuit horizontal arm TF285 structures to reduce the visual impact of those structures from Highway 97.</u>	<u>PacifiCorp and its contractors shall implement measure as defined.</u>	<u>CPUC mitigation monitor to inspect compliance.</u>	<u>During construction of the transmission line.</u>
<b>AES-VAR/A-4:</b> The Weed Segment would affect views from a limited portion of the Lincoln Heights residential area. <i>Less than significant with mitigation</i> (Class II).	<b>AES-VAR/A-4a:</b> During final design, Pole 3/46 shall be sited to minimize potential effects on close range unobstructed residential views in the Lincoln Heights area. To the extent feasible the replacement pole shall be located to take advantage of available opportunities for screening provided by existing vegetation.	PacifiCorp and its contractors shall implement measure as defined.	CPUC mitigation monitor to inspect compliance.	During construction of Pole 3/46.

**TABLE A-1 (continued)**  
**MITIGATION MONITORING, REPORTING AND COMPLIANCE PROGRAM FOR YREKA-WEED 115 kV TRANSMISSION LINE UPGRADE PROJECT,**  
**SOUTHERN PORTION AND THE WEED SEGMENT**

Environmental Impact	Mitigation Measures Proposed in this EIR	Implementing Actions	Monitoring/Reporting Requirements	Timing
Aesthetics (cont.)				
	<p><b>AES-VAR/A-4b:</b> Pole 3/46 shall be redesigned to utilize a self-supporting steel TF285 structure which has a horizontal rather than vertical arm configuration and is lower in height compared to the proposed pole at that location. <del>Final design and siting of Pole 3/46 shall be submitted, reviewed and approved by the CPUC prior to the commencement of construction.</del> To lessen the degree of visual impact of Pole 3/46 in the Lincoln Heights neighborhood, PacifiCorp shall develop a landscape plan prepared by a licensed landscape architect or certified arborist and in consultation with property owners with unobstructed views of Pole 3/46. The plan shall include planting of trees and/or shrubs either individually or in informal groupings to partially screen close range unobstructed views of the new pole. Plant material shall be appropriate to the local/natural landscape setting and shall be consistent with Public Resources Code Section 4292 for vegetation located in proximity to transmission facilities. The landscape plan shall show the location, suggested species and size at planting for all proposed plant material, and shall show proposed landscaping in relation to the final placement of the pole. The plan shall be submitted to, reviewed and approved by the CPUC prior to commencement of construction.</p>	PacifiCorp and its contractors shall implement measure as defined.	PacifiCorp to submit plan to the CPUC.	At least one month prior to construction at Pole 3/46..
<b>AES-VAR/A-5:</b> The transmission lines under the Mackintosh/ALJ Variation A alternative could create new sources of glare. <i>Less than significant with mitigation</i> (Class II).	<b>AES-VAR/A-5:</b> Non-specular conductors shall be installed to reduce the potential glare effects and the level of visual contrast between the transmission line and its landscape setting.	PacifiCorp and its contractors shall implement measure as defined.	CPUC mitigation monitor to inspect compliance at least once weekly.	During construction of the transmission line.
<b>AES-VAR/A-6:</b> The Weed Segment substation upgrades could create new sources of glare. <i>Less than significant with mitigation</i> (Class II).	<b>AES-VAR/A-6:</b> A non-reflective or weathered finish shall be applied to all new structures and equipment installed at the Weed Substation to reduce potential glare effects.	PacifiCorp and its contractors shall implement measure as defined.	CPUC mitigation monitor to inspect compliance.	During construction at the Weed Substation.

**TABLE A-1 (continued)**  
**MITIGATION MONITORING, REPORTING AND COMPLIANCE PROGRAM FOR YREKA-WEED 115 kV TRANSMISSION LINE UPGRADE PROJECT,**  
**SOUTHERN PORTION AND THE WEED SEGMENT**

Environmental Impact	Mitigation Measures Proposed in this EIR	Implementing Actions	Monitoring/Reporting Requirements	Timing
<b>Agricultural Resources</b>				
<b>AG-VAR/A-1:</b> Construction activities would result in the temporary removal of farmland that is designated <i>Farmland of Statewide Importance</i> , or <i>Farmland of Local Importance</i> . <i>Less than significant with mitigation</i> (Class II).	<b>AG-VAR/A-1:</b> Implement Mitigation Measure BIO-VAR/A-2b. <i>See below</i> .	PacifiCorp and its contractor(s) to implement measure as defined.	CPUC mitigation monitor to inspect to ensure that soils are being properly protected and that site is fully restored to preconstruction conditions.	CPCU mitigation monitor to inspect compliance at least once after installation of soil protection and once after restoration is complete.
<b>Air Quality</b>				
<b>AIR-VAR/A-1:</b> Construction activities would generate emissions of criteria pollutants, including suspended and inhalable particulate matter and equipment exhaust emissions. <i>Less than significant with mitigation</i> (Class II).	<b>AIR-VAR/A-1:</b> During construction, PacifiCorp shall ensure that its employees and contractors implement the following measures: <ul style="list-style-type: none"> <li>For all active construction areas, water as needed or apply soil stabilizers to control dust.</li> <li>Cover all trucks hauling soil, sand, and other loose materials or require all trucks to maintain at least two feet of freeboard.<sup>1</sup></li> <li>Sweep daily (with water sweepers) all paved access roads, parking areas and staging areas at or nearby construction sites if visible soil material is carried onto adjacent public streets.</li> <li>Sweep streets daily (with water sweepers) if visible soil material is carried onto adjacent public streets.</li> <li>Apply (non-toxic) soil stabilizers to previously graded inactive (for more than 10 days) construction areas.</li> <li>Enclose, cover, water twice daily, or apply (non-toxic) soil binders to exposed stockpiles (dirt, sand, etc.)</li> <li>Limit traffic speeds on unpaved roads to 15 mph.</li> </ul>	PacifiCorp and its contractor(s) to implement measure as defined.	CPUC mitigation monitor to inspect compliance at least once per week.	During all phases of construction.

<sup>1</sup> Freeboard is the distance between the material and the top of the haul truck. This mitigation measure reduces the overtopping and slippage of material, and thus, fugitive dust.

**TABLE A-1 (continued)**  
**MITIGATION MONITORING, REPORTING AND COMPLIANCE PROGRAM FOR YREKA-WEED 115 kV TRANSMISSION LINE UPGRADE PROJECT,**  
**SOUTHERN PORTION AND THE WEED SEGMENT**

Environmental Impact	Mitigation Measures Proposed in this EIR	Implementing Actions	Monitoring/Reporting Requirements	Timing
Air Quality (cont.)				
<b>AIR-VAR/A-2:</b> Construction activities would generate emissions of criteria pollutants, potentially exposing sensitive receptors to pollutant concentrations. <i>Less than significant with mitigation</i> (Class II).	<b>AIR-VAR/A-2:</b> Implement Mitigation Measure AIR-VAR/A-1. <i>See above.</i>	See Mitigation Measure AIR-VAR/A-1.	See Mitigation Measure AIR-VAR/A-1.	See Mitigation Measure AIR-VAR/A-1.
Biological Resources				
<b>BIO-VAR/A-1:</b> Construction activities would impact habitat and may potentially impact habitat elements such as dens and burrows and transient wildlife. <i>Less than significant with mitigation</i> (Class II).	<p><b>BIO-VAR/A-1:</b> PacifiCorp shall apply the following general measures to avoid or minimize impacts to biological resources:</p> <ul style="list-style-type: none"> <li>An ongoing environmental education program for construction crews shall be conducted before beginning the site work and during construction activities. Sessions shall include information about the federal and State endangered species acts, the consequences of noncompliance with these acts, identification of special-status species and wetland habitats (including waterways), and review of mitigation requirements.</li> <li>Vehicles shall be restricted to established roadways and identified overland access routes, and to speeds less than 10 mph when traveling overland.</li> <li>A biological monitor shall be on site during construction activity to provide preconstruction clearance wherever ground is disturbed, as well as to ensure implementation of, and compliance with, mitigation measures as described below. The monitor shall have the authority to stop activities and determine alternative work practices in consultation with construction personnel, if construction activities are likely to impact special-status species or other sensitive biological resources.</li> </ul>	<p>PacifiCorp to provide environmental education program as defined (may be consolidated with other training under Mitigation Measure HAZ-VAR/A-1d).</p> <p>PacifiCorp and its contractors shall implement measure as defined.</p>	<p>PacifiCorp to submit a description of the education program to CPUC, and shall submit copies of sign-in sheets to CPUC to verify compliance.</p> <p>CPUC mitigation monitor to inspect compliance at least once weekly.</p>	<p>Initial training to be completed at least one week prior to start of construction, and whenever new crews are added.</p> <p>During all phases of construction.</p>

**TABLE A-1 (continued)**  
**MITIGATION MONITORING, REPORTING AND COMPLIANCE PROGRAM FOR YREKA-WEED 115 kV TRANSMISSION LINE UPGRADE PROJECT,**  
**SOUTHERN PORTION AND THE WEED SEGMENT**

Environmental Impact	Mitigation Measures Proposed in this EIR	Implementing Actions	Monitoring/Reporting Requirements	Timing
Biological Resources (cont.)				
BIO-VAR/A-1 (cont.)	<ul style="list-style-type: none"> <li>The biological monitor shall delineate and mark for avoidance in the field all known sensitive resource locations. In addition, <u>any newly-observed</u> areas considered suitable habitat for special-status plant species shall also be marked for avoidance during the spring preceding construction. The marker shall be coordinates obtained from a Global Position System (GPS) with sub-meter accuracy, presuming the special-status plant species may be present but not visible at the time installation occurs. If special-status species are located immediately prior to or during work activities, construction personnel shall contact the biological monitor. If the monitor determines that the project activities may adversely affect a species, a <del>60</del> 10-foot buffer shall be established around <del>any those</del> sensitive resources <del>unless it can be shown that no individual plants or animals are at risk (e.g., in the case of a burrow, probing with an endoscope to ensure the burrow is unoccupied, then closing with a sandbag until project work is complete in the area).</del></li> <li>All disturbed areas will be restored to pre-project conditions including re-contouring and replanting, as described in Section 2.7.1.9 Cleanup and Post Construction Restoration. To ensure this is the case, photo documentation of preconstruction habitat conditions shall occur at all construction locations within sensitive habitat prior to the start of work, as well as immediately after construction activities.</li> <li>Trash, dumping, firearms, open fires, hunting, and pets shall be prohibited in the project area.</li> </ul>			

**TABLE A-1 (continued)**  
**MITIGATION MONITORING, REPORTING AND COMPLIANCE PROGRAM FOR YREKA-WEED 115 kV TRANSMISSION LINE UPGRADE PROJECT,**  
**SOUTHERN PORTION AND THE WEED SEGMENT**

Environmental Impact	Mitigation Measures Proposed in this EIR	Implementing Actions	Monitoring/Reporting Requirements	Timing
<b>Biological Resources (cont.)</b>				
<b>BIO-VAR/A-2:</b> Construction activities would impact habitat and may result in direct or indirect loss of known (e.g., ten locations of Pickering's ivesia) and unknown populations of special-status plant species. <i>Less than significant with mitigation</i> (Class II).	<b>BIO-VAR/A-2a:</b> For known locations of Pickering's ivesia, PacifiCorp shall establish an appropriate exclusion zone (at least 10 feet) around the perimeter of the habitat where feasible. The exclusion zone shall be staked and flagged in the field by a trained professional botanist prior to construction.  Any changes in location or additions, outside of the survey corridor, pertaining to access roads (i.e., new permanent and/or overland), or disturbance areas necessary for construction activities (e.g., work areas, pull and tension sites, etc.), or the transmission line route, that occur after Project approval shall require an additional field survey prior to construction activities to identify locations of special-status plant species and to establish additional exclusion zones, if required, as described above.	PacifiCorp and its contractors shall implement measure as defined.	CPUC mitigation monitor to inspect compliance at least once weekly.	At least 2 days prior to and during construction.
	<b>BIO-VAR/A-2b:</b> To reduce potential impacts to less than significant, for any project-related activity that disturbs soil below the root zone (e.g., pole installation, grading, etc.), PacifiCorp shall salvage the topsoil, store topsoil separately from subsoil, and spread the topsoil either at the disturbance site or during the restoration process.	PacifiCorp and its contractor(s) to implement measure as defined.	CPUC mitigation monitor to inspect to ensure that soils are being properly protected and that site is fully restored to preconstruction conditions.	CPCU mitigation monitor to inspect compliance at least once after installation of soil protection and once after restoration is complete
<b>BIO-VAR/A-3:</b> Construction activities could potentially spread noxious or invasive weeds into areas where noxious or invasive weeds may or may not currently exist. <i>Less than significant with mitigation</i> (Class II).	<b>BIO-VAR/A-3:</b> PacifiCorp shall develop and implement a Noxious Weed and Invasive Plant Control Plan, consistent with standard Best Management Practices (see for example: Department of Transportation, State of California (2003); Storm Water Quality Handbooks; and Project Planning and Design Guide Construction Site Best Management Practices Manual). The plan shall be reviewed and approved by Siskiyou County and by the CPUC and shall at a minimum address any required cleaning of construction vehicles to minimize spread of noxious weeds and invasive plants.	PacifiCorp and its contractors shall implement measure as defined.	PacifiCorp shall submit a Noxious Weed and Invasive Plant Control Plan to Siskiyou County and CPUC for review and approval.  CPUC mitigation monitor to inspect compliance at least once weekly.	At least one week prior to start of construction.  During all phases of construction.

**TABLE A-1 (continued)**  
**MITIGATION MONITORING, REPORTING AND COMPLIANCE PROGRAM FOR YREKA-WEED 115 kV TRANSMISSION LINE UPGRADE PROJECT,**  
**SOUTHERN PORTION AND THE WEED SEGMENT**

Environmental Impact	Mitigation Measures Proposed in this EIR	Implementing Actions	Monitoring/Reporting Requirements	Timing
Biological Resources (cont.)				
<b>BIO-VAR/A-4:</b> Construction activities may impact active nest sites. <i>Less than significant with mitigation</i> (Class II).	<p><b>BIO-VAR/A-4:</b> <u>PacifiCorp shall avoid disturbing active nests of raptors and other nesting birds by performing preconstruction surveys and creating no-disturbance buffers.</u></p> <p><u>If construction activities are scheduled to occur during the nonbreeding season (defined for this project as August 16 through February 14), no mitigation is required.</u></p> <p><u>If construction activities are scheduled to occur during the breeding season (February 15 through August 15), PacifiCorp shall implement the following measures to avoid potential adverse effects on nesting raptors and other nesting birds:</u></p> <ul style="list-style-type: none"> <li><u>During the breeding season, and no more than two weeks prior to construction, PacifiCorp shall use a qualified wildlife biologist to conduct preconstruction surveys of all potential nesting habitat within 500 feet of project areas where active construction is scheduled to occur (i.e., transmission line corridors, pole sites, access roads and work areas).</u></li> <li><u>If active nests are found during preconstruction surveys, PacifiCorp shall record nest location coordinates using GPS and shall create a no-disturbance buffer (acceptable in size to the CDFG) around active raptor nests and other nesting birds for the duration of the breeding season, or until it is determined by a qualified wildlife biologist that all young have fledged. Typical buffers include 500 feet for raptors and 250 feet for other nesting birds. The size of these buffer zones and types of construction activities restricted in these areas may be further modified through consultation with the CDFG and will be based on existing noise and human disturbance levels in the project area site.</u></li> </ul>	PacifiCorp and its contractors shall implement measure as defined.	<p>PacifiCorp shall submit construction schedule to the CPUC.</p> <p>CPUC mitigation monitor to inspect compliance at least once weekly.</p>	<p>At least one week prior to start of construction.</p> <p>During all phases of construction.</p>



**TABLE A-1 (continued)**  
**MITIGATION MONITORING, REPORTING AND COMPLIANCE PROGRAM FOR YREKA-WEED 115 kV TRANSMISSION LINE UPGRADE PROJECT,**  
**SOUTHERN PORTION AND THE WEED SEGMENT**

Environmental Impact	Mitigation Measures Proposed in this EIR	Implementing Actions	Monitoring/Reporting Requirements	Timing
Biological Resources (cont.)				
<b>BIO-VAR/A-4</b> (cont.)	<ul style="list-style-type: none"> <li>If preconstruction surveys indicate that nests are inactive during the construction period, no further mitigation is required.</li> </ul> <p>PacifiCorp shall implement the project during the non-nesting season, which for purposes of this project shall be deemed to be September 15 through February 15. In the event that construction cannot be completed during this period, the work shall stop until such time as pre construction nest surveys are conducted by a qualified biologist. Pre construction nest surveys must occur within 1000 feet of the project areas (i.e., transmission line corridors, pole sites, access roads and work areas) with all nests identified during these surveys to be located by GPS. No construction activities shall occur within 500 feet of active nests from February 15 through July 15. Any nest site disturbance between July 15 and August 15 must be approved by CDFG.</p>			
<b>BIO-VAR/A-5:</b> Construction activities could potentially disturb foraging bald eagles: <i>Less than significant with mitigation</i> (Class II).	<b>BIO-VAR/A-5:</b> Construction crews shall halt activities whenever a bald eagle is observed within 100 yards of the construction area. Construction activities shall not be permitted to resume until the bald eagle leaves the area.	PacifiCorp and its contractors shall implement measure as defined, and shall contact CPUC mitigation monitor if a bald eagle is observed.	CPUC mitigation monitor to verify that work is not resumed until the bald eagle leaves the area.	During all phases of construction.
<b>BIO-VAR/A-6:</b> Construction activities associated with the Mackintosh/ALJ Variation A alternative could result in loss of habitat within the mule deer winter range. <i>Less than significant with mitigation</i> (Class II).	<b>BIO-VAR/A-6:</b> Construction activities within mule deer winter range (i.e., from Pole 15/44 south to Pole 1/45 and the Weed Segment) shall not be permitted between November 15 and March 15 to minimize the potential for mule deer disturbance and/or displacement. This seasonal restriction may be modified or removed with approval from CDFG.	PacifiCorp and its contractors shall implement measure as defined.	<p>PacifiCorp shall submit construction schedule to the CPUC.</p> <p>CPUC mitigation monitor to inspect compliance at least once weekly.</p>	<p>At least one week prior to start of construction.</p> <p>During all phases of construction.</p>

**TABLE A-1 (continued)**  
**MITIGATION MONITORING, REPORTING AND COMPLIANCE PROGRAM FOR YREKA-WEED 115 kV TRANSMISSION LINE UPGRADE PROJECT,**  
**SOUTHERN PORTION AND THE WEED SEGMENT**

Environmental Impact	Mitigation Measures Proposed in this EIR	Implementing Actions	Monitoring/Reporting Requirements	Timing
<b>Biological Resources (cont.)</b>				
<b>BIO-VAR/A-7:</b> Construction would impact jurisdictional waters of the United States, including small drainages and seasonal wetlands. <i>Less than significant with mitigation</i> (Class II).	<b>BIO-VAR/A-7:</b> In order to avoid impacts to wetland areas, final design of the transmission line and access roads shall incorporate the results of the wetland delineation and the conditions of the extant permit and the project shall be modified to minimize disturbance of any wetland as feasible. Impact from temporary access across wetlands shall be avoided by the use of driving mats (e.g., 8' x 14' high density polyethylene mats). In the event of any project changes that involve ground disturbance outside of the boundary of the extant delineation, a new wetland delineation shall be performed.	PacifiCorp and its contractors shall implement measure as defined.	CPUC mitigation monitor to inspect compliance at least once weekly.	During all phases of construction.
<b>Cultural Resources</b>				
<b>CUL-VAR/A-1:</b> Adverse impacts to CA-SIS-345H, an historical resource, may occur with the implementation of the proposed alternative. <i>Less than significant with mitigation</i> (Class II).	<b>CUL-VAR/A-1:</b> PacifiCorp will retain the services of a qualified archaeological consultant who meets the <i>Secretary of the Interior's Standards</i> , to monitor ground-disturbing or vegetation removal activity within 500-feet of poles 20/45, 21/45, 9/47, 10/47, and 11/47. Prior to construction, the consulting archaeologist shall also cordon the boundaries of CA-SIS-345H, as defined by SCWA (2007), as an <i>environmentally sensitive area</i> . Also prior to construction, the consulting archaeologist will work with contractor to avoid direct impacts to known components of CA-SIS-345H by adjusting the siting of the individual poles and access roads, where feasible. The consulting archaeologist shall perform minor shovel probes or auger tests to determine whether archaeological deposits exist within the proposed locations for pole excavation or road construction. The findings will be used to adjust the location of either the poles or road placement, where feasible.	PacifiCorp shall provide CPUC staff with the name(s), statement(s) of qualifications, and signed contract(s) of its environmental monitor and designated cultural resources specialist(s) who will be responsible for implementation of all project-related cultural resources mitigation measures.  PacifiCorp and its contractors shall implement measure as defined.	Receipt by the CPUC of the described documentation.  Submission of avoidance recommendation/plan to the CPUC.	At least one week prior to the commencement of construction activities.  At least one week prior to the commencement of construction activities near CA-SIS-345H.

**TABLE A-1 (continued)**  
**MITIGATION MONITORING, REPORTING AND COMPLIANCE PROGRAM FOR YREKA-WEED 115 kV TRANSMISSION LINE UPGRADE PROJECT,**  
**SOUTHERN PORTION AND THE WEED SEGMENT**

Environmental Impact	Mitigation Measures Proposed in this EIR	Implementing Actions	Monitoring/Reporting Requirements	Timing
Cultural Resources (cont.)				
CUL-VAR/A-1 (cont.)	<p>If an intact archaeological deposit is encountered, all soil-disturbing activities in the vicinity of the deposit will cease. The archaeological monitor will be empowered to redirect crews and construction equipment until the deposit is evaluated. The monitor will immediately notify CPUC of the encountered archaeological deposit. The monitor will, after making a reasonable effort to assess the identity, integrity, and significance of the encountered archaeological deposit, present the findings of this assessment to the CPUC and other agencies as required. If the archaeological monitor determines that the area being excavated does not contain archaeological materials, the monitor will modify the level of monitoring as needed.</p>	PacifiCorp and its contractors shall implement measure as defined.	CPUC mitigation monitor to inspect to ensure compliance with agreed upon measures	During all phases of construction.
	<p>If CPUC, in consultation with the archaeological monitor, determines that a significant archaeological resource is present and that the resource could be adversely affected by the proposed project, the CPUC shall require PacifiCorp to:</p> <ul style="list-style-type: none"> <li>• Redesign the project to avoid any adverse effects on the significant archaeological resource; or</li> <li>• Implement an archaeological data recovery program (ADRP) (unless the archaeologist determines that the resource is of greater interpretive than research significance, and that interpretive use of the resource is feasible). If the circumstances warrant an archaeological data recovery program, an ADRP will be conducted. The project archaeologist and CPUC will meet and consult to determine the scope of the ADRP. The archaeologist will prepare a draft ADRP that will be submitted to CPUC for review and approval. The ADRP will identify how the proposed data recovery program would preserve the significant information the archaeological resource is expected to contain (i.e., the ADRP will identify the scientific/historical research questions that are applicable to the</li> </ul>	PacifiCorp to coordinate with the CPUC to implement measure as defined	CPUC mitigation monitor to inspect to ensure compliance with agreed upon measures	At least once a week during all phases of construction, if cultural resources are found

**TABLE A-1 (continued)**  
**MITIGATION MONITORING, REPORTING AND COMPLIANCE PROGRAM FOR YREKA-WEED 115 kV TRANSMISSION LINE UPGRADE PROJECT,**  
**SOUTHERN PORTION AND THE WEED SEGMENT**

Environmental Impact	Mitigation Measures Proposed in this EIR	Implementing Actions	Monitoring/Reporting Requirements	Timing
Cultural Resources (cont.)				
<b>CUL-VAR/A-1</b> (cont.)	expected resource, the data classes the resource is expected to possess, and how the expected data classes would address the applicable research questions). Data recovery, in general, should be limited to the portions of the historical property that could be adversely affected by the proposed project. Destructive data recovery methods will not be applied to portions of the archaeological resources if nondestructive methods are practical.			
<b>CUL-VAR/A-2:</b> Inadvertent impacts to PE-#2 (historic refuse deposit) may result from the expansion of the Weed substation. <i>Less than significant with mitigation</i> (Class II).	<b>CUL-VAR/A-2:</b> Prior to construction, the consulting archaeologist (as designated by implementation of Mitigation Measure CUL-VAR/A-1) shall also cordon the boundaries of PE#2, as defined by SCWA (2007), as an <i>environmentally sensitive area</i> . No additional testing or monitoring of the site is necessary during construction.	PacifiCorp and its contractors shall implement measure as defined.	CPUC mitigation monitor to inspect to ensure compliance with agreed upon measures.	At least 2 days prior to construction in the vicinity of PE#2.
<b>CUL-VAR/A-3:</b> If construction of the Mackintosh/ALJ Variation A alternative encounters currently unknown cultural resources, either prehistoric or historic, pursuant to CEQA Guidelines Section 15064.5 or CEQA Section 21083.2(g), this could cause substantial adverse changes to the significance of the resource. <i>Less than significant with mitigation</i> (Class II).	<b>CUL-VAR/A-3:</b> In the event that any prehistoric or historic subsurface cultural resources are discovered during ground disturbing activities, all work within 50 feet of the resources shall be halted, PacifiCorp shall notify the CPUC, and PacifiCorp and the CPUC shall consult with a qualified archaeologist to assess the significance of the find. If any find is determined to be significant, representatives of PacifiCorp and/or the CPUC and a Cultural Resources Specialist shall meet to determine the appropriate avoidance measures or other appropriate mitigation, with the ultimate determination to be made by the CPUC. All significant cultural materials recovered shall be, as necessary, subject to scientific analysis, professional museum curation, and a report prepared by a Specialist according to current professional standards.	PacifiCorp to submit contact information and qualifications of a Specialist to be notified of any unanticipated discoveries during construction to the CPUC.	Receipt by the CPUC of the described documentation.	At least one week prior to the commencement of construction activities.

**TABLE A-1 (continued)**  
**MITIGATION MONITORING, REPORTING AND COMPLIANCE PROGRAM FOR YREKA-WEED 115 kV TRANSMISSION LINE UPGRADE PROJECT,**  
**SOUTHERN PORTION AND THE WEED SEGMENT**

Environmental Impact	Mitigation Measures Proposed in this EIR	Implementing Actions	Monitoring/Reporting Requirements	Timing
Cultural Resources (cont.)				
<b>CUL-VAR/A-3</b> (cont.)	<p>In considering any suggested mitigation proposed by the consulting archaeologist in order to mitigate impacts to historical resources or unique archaeological resources, the CPUC shall determine whether avoidance is necessary and feasible in light of factors such as the nature of the find, project design, costs, and other considerations. If avoidance is infeasible, other appropriate measures (e.g., data recovery) shall be instituted. Work may proceed on other parts of the project site while mitigation for historical resources or unique archaeological resources is carried out.</p> <p>If the CPUC, in consultation with the Specialist, determines that a significant archeological resource is present and that the resource could be adversely affected by the proposed project, the CPUC shall require PacifiCorp to:</p> <ul style="list-style-type: none"> <li>• Re-design the project to avoid any adverse effect on the significant archeological resource, if feasible; or</li> <li>• Implement an archeological data recovery program (ADRP) (unless the archaeologist determines that the archeological resource is of greater interpretive use than research significance and that interpretive use of the resource is feasible). If the circumstances warrant an ADRP, such a program shall be conducted. The project archaeologist and the CPUC shall meet and consult to determine the scope of the ADRP. The archaeologist shall prepare a draft ADRP that shall be submitted to the CPUC for review and</li> </ul>	<p>PacifiCorp to implement measure as defined.</p> <p>PacifiCorp to coordinate with the CPUC to implement measure as defined</p>	<p>PacifiCorp and/or its contractor(s) to provide immediate verbal notification to the paleontologist and the CPUC of any discovered cultural resources; with follow up written documentation noting date of discovery, type of discovery and actions taken to protect the resource(s).</p> <p>CPUC mitigation monitor to monitor compliance.</p> <p>CPUC mitigation monitor to inspect to ensure compliance with agreed upon measures</p>	<p>Immediately upon discovery.</p> <p>During all phases of construction.</p> <p>At least once a week during all phases of construction, if cultural resources are found</p>

**TABLE A-1 (continued)**  
**MITIGATION MONITORING, REPORTING AND COMPLIANCE PROGRAM FOR YREKA-WEED 115 kV TRANSMISSION LINE UPGRADE PROJECT,**  
**SOUTHERN PORTION AND THE WEED SEGMENT**

Environmental Impact	Mitigation Measures Proposed in this EIR	Implementing Actions	Monitoring/Reporting Requirements	Timing
Cultural Resources (cont.)				
<b>CUL-VAR/A-3</b> (cont.)	approval. The ADRP shall identify how the proposed data recovery program would preserve the significant information the archeological resource is expected to contain. That is, the ADRP shall identify the scientific/historical research questions that are applicable to the expected resource, the data classes the resource is expected to possess, and how the expected data classes would address the applicable research questions. Data recovery, in general, should be limited to the portions of the historical property that could be adversely affected by the proposed project. Destructive data recovery methods shall not be applied to portions of the archeological resources if nondestructive methods are practical.			
<b>CUL-VAR/A-4:</b> Construction activities under the Mackintosh/ALJ Variation A alternative could adversely affect unidentified paleontologic resources. <i>Less than significant with mitigation</i> (Class II).	<b>CUL-VAR/A-4:</b> In the event of unanticipated paleontologic discoveries, PacifiCorp shall notify the CPUC and a qualified paleontologist (per Society of Vertebrate Paleontology standards (SVP, 1995) who shall document the discovery as needed, evaluate the potential resource, and assess the significance of the find under the criteria set forth in CEQA Guidelines Section 15064.5. In the event of an unanticipated paleontological discovery during construction, excavations within 50 feet of the find shall be temporarily halted or diverted until the discovery is examined by the qualified paleontologist. The paleontologist shall notify the appropriate agencies to determine procedures that would be followed before construction is allowed to resume at the location of the find. If the CPUC determines that avoidance is not feasible, then the paleontologist shall prepare an excavation plan for mitigating the effect of the project on the qualities that make the resource important, and such plan shall be implemented. The plan shall be submitted to the CPUC for review and approval.	PacifiCorp to submit contact information and qualifications of a Specialist to be notified of any unanticipated discoveries during construction to the CPUC.  PacifiCorp to implement measure as defined.	Receipt by the CPUC of the described documentation.  PacifiCorp and/or its contractor(s) to provide immediate verbal notification to the paleontologist and the CPUC of any discovered cultural resources; with follow up written documentation noting date of discovery, type of discovery and actions taken to protect the resource(s).	At least one week prior to the commencement of construction activities.  Immediately upon discovery.

**TABLE A-1 (continued)**  
**MITIGATION MONITORING, REPORTING AND COMPLIANCE PROGRAM FOR YREKA-WEED 115 kV TRANSMISSION LINE UPGRADE PROJECT,**  
**SOUTHERN PORTION AND THE WEED SEGMENT**

Environmental Impact	Mitigation Measures Proposed in this EIR	Implementing Actions	Monitoring/Reporting Requirements	Timing
Cultural Resources (cont.)				
<b>CUL-VAR/A-4</b> (cont.)			CPUC mitigation monitor to monitor compliance.	During all phases of construction.
<b>CUL-VAR/A-5:</b> Project construction could result in damage to previously unidentified human remains. <i>Less than significant with mitigation</i> (Class II).	<b>CUL-VAR/A-5:</b> In the event that human skeletal remains are uncovered during construction activities for the project, PacifiCorp shall immediately halt all work, contact the Siskiyou County Coroner to evaluate the remains, and follow the procedures and protocols pursuant to Section 15064.5 (e)(1) of the CEQA Guidelines. If the County Coroner determines that the remains are Native American, PacifiCorp shall contact the California Native American Heritage Commission, pursuant to subdivision (c) of Section 7050.5 of the Health and Safety Code, and all excavation and site preparation activities shall cease until appropriate arrangements are made.	PacifiCorp and its contractor(s) to implement measure as defined.	<p>PacifiCorp and/or its contractor(s) to provide immediate verbal notification to the Siskiyou County Coroner and the CPUC of any discovered human remains; with follow up written documentation noting date of discovery, type of discovery and actions taken to protect the resource(s).</p> <p>PacifiCorp to contract Native American Heritage Commission if Coroner determines remains are Native American.</p> <p>CPUC mitigation monitor to monitor compliance</p>	<p>Immediately upon discovery.</p> <p>Upon notification that remains are Native American remains by the Siskiyou County Coroner.</p> <p>During all phases of construction</p>
Geology, Soils, and Seismicity				
No mitigation required				

**TABLE A-1 (continued)**  
**MITIGATION MONITORING, REPORTING AND COMPLIANCE PROGRAM FOR YREKA-WEED 115 kV TRANSMISSION LINE UPGRADE PROJECT,**  
**SOUTHERN PORTION AND THE WEED SEGMENT**

Environmental Impact	Mitigation Measures Proposed in this EIR	Implementing Actions	Monitoring/Reporting Requirements	Timing
<b>Hazards and Hazardous Materials</b>				
<b>HAZ-VAR/A-1:</b> Construction would require the use of certain materials such as fuels, oils, solvents, and other chemical products that, in large quantities, could pose a potential hazard to the public or the environment if improperly used or inadvertently released. <i>Less than significant with mitigation</i> (Class II).	<b>HAZ-VAR/A-1a:</b> <i>Implement Best Management Practices.</i> PacifiCorp and/or its contractor(s) shall implement construction best management practices including but not limited to the following: <ul style="list-style-type: none"> <li>Follow manufacturer's recommendations on use, storage, and disposal of chemical products used in construction;</li> <li>Avoid overtopping construction equipment fuel gas tanks;</li> <li>Use tarps and adsorbent pads under vehicles when refueling to contain and capture any spilled fuel;</li> <li>During routine maintenance of construction equipment, properly contain and remove grease and oils; and</li> <li>Properly dispose of discarded containers of fuels and other chemicals.</li> </ul>	PacifiCorp and its contractor(s) to implement measure as defined.	CPUC mitigation monitor to monitor compliance.	During all phases of construction.
	<b>HAZ-VAR/A-1b:</b> <i>Hazardous Substance Control and Emergency Response Plan.</i> PacifiCorp shall prepare a Hazardous Substance Control and Emergency Response Plan (Plan) and implement it during construction to ensure compliance with all applicable federal, State, and local laws and guidelines regarding the handling of hazardous materials. The Plan shall prescribe hazardous material handling procedures to reduce the potential for a spill during construction, or exposure of the workers or public to hazardous materials. The Plan shall also include a discussion of appropriate response actions in the event that hazardous materials are released or encountered during excavation activities. The Plan shall be submitted to the CPUC for review and approval prior to the commencement of construction activities.	PacifiCorp and its contractor(s) to implement measure as defined.	PacifiCorp to submit the Plan to the Siskiyou County Department of Emergency Services, Hazardous Materials Division, the County's Certified Unified Program Agency, and the CPUC for review and approval.  CPUC mitigation monitor to inspect compliance at least once weekly.	Submit final plan to CPUC at least one week prior to start of construction.  During all phases of construction.



**TABLE A-1 (continued)**  
**MITIGATION MONITORING, REPORTING AND COMPLIANCE PROGRAM FOR YREKA-WEED 115 kV TRANSMISSION LINE UPGRADE PROJECT,**  
**SOUTHERN PORTION AND THE WEED SEGMENT**

Environmental Impact	Mitigation Measures Proposed in this EIR	Implementing Actions	Monitoring/Reporting Requirements	Timing
Hazards and Hazardous Materials (cont.)				
HAZ-VAR/A-1 (cont.)	<b>HAZ-VAR/A-1c:</b> <i>Health and Safety Plan.</i> PacifiCorp shall prepare and implement a Health and Safety Plan to ensure the health and safety of construction workers and the public during construction. The plan shall include information on the appropriate personal protective equipment to be used during construction.	PacifiCorp and its contractor(s) to implement measure as defined.	PacifiCorp to submit the Plan to the CPUC for review and approval.  CPUC mitigation monitor to inspect compliance at least once weekly.	Submit final plan to CPUC one week prior to start of construction.  During all phases of construction.
	<b>HAZ-VAR/A-1d:</b> <i>Worker Environmental Awareness Program (WEAP).</i> PacifiCorp shall ensure that an environmental training program is established and implemented to communicate environmental concerns and appropriate work practices to all construction field personnel. The training program shall emphasize site-specific physical conditions to improve hazard prevention, and shall include a review of the Health and Safety Plan and the Hazardous Substance Control and Emergency Response Plan. PacifiCorp shall submit documentation to the CPUC mitigation monitor prior to the commencement of construction activities that each foreman and field supervisor <del>worker</del> on the project has undergone this training program. <u>Each field crew member shall also participate in the WEAP training, either prior to or within 48 hours of starting work on the project, and such documentation shall be submitted to the CPUC mitigation monitor. An abbreviated (approximately 20-minute) safety and environmental awareness "tail gate" training shall be required on their first day for any field crew member who does not participate in a pre-construction WEAP training, followed by the full WEAP training within 48 hours of starting work on the project.</u>	PacifiCorp and its contractor(s) to implement measure as defined.	PacifiCorp and/or its contractor(s) to submit a description of the training.   PacifiCorp shall submit copies of sign-in sheets from the training session(s) to CPUC to verify compliance.	Training to be completed at least one week prior to start of construction.   Sign-in sheets to be submitted prior to start <del>and during of</del> construction.

**TABLE A-1 (continued)**  
**MITIGATION MONITORING, REPORTING AND COMPLIANCE PROGRAM FOR YREKA-WEED 115 kV TRANSMISSION LINE UPGRADE PROJECT,**  
**SOUTHERN PORTION AND THE WEED SEGMENT**

Environmental Impact	Mitigation Measures Proposed in this EIR	Implementing Actions	Monitoring/Reporting Requirements	Timing
Hazards and Hazardous Materials (cont.)				
<b>HAZ-VAR/A-1</b> (cont.)	<b>HAZ-VAR/A-1e:</b> <i>Emergency Spill Supplies and Equipment.</i> PacifiCorp shall ensure that oil-absorbent material, tarps, and storage drums shall be used to contain and control any minor releases. Emergency spill supplies and equipment shall be kept at the project staging area and adjacent to all areas of work, and shall be clearly marked. Detailed information for responding to accidental spills and for handling any resulting hazardous materials shall be provided in the project's Hazardous Substance Control and Emergency Response Plan (see Mitigation Measure HAZ-VAR/A-1b), which shall be implemented during construction.	PacifiCorp and its contractor(s) to implement measure as defined.	CPUC mitigation monitor to inspect compliance at least once weekly.	During all phases of construction.
<b>HAZ-VAR/A-2:</b> Construction activities could release previously unidentified hazardous materials into the environment. <i>Less than significant with mitigation</i> (Class II).	<b>HAZ-VAR/A-2:</b> PacifiCorp's Hazardous Substance Control and Emergency Response Plan shall include provisions that would be implemented if any subsurface hazardous materials are encountered during construction. Provisions outlined in the plan shall include immediately stopping work in the contaminated area and contacting appropriate resource agencies, including the CPUC designated monitor, upon discovery of subsurface hazardous materials. The plan shall include the phone numbers of County and State agencies and primary, secondary, and final cleanup procedures. The Hazardous Substance Control and Emergency Response Plan shall be submitted to the CPUC for review and approval prior to the commencement of construction activities.	PacifiCorp and its contractor(s) to implement measure as defined.	CPUC mitigation monitor to inspect compliance at least once weekly.	During all phases of construction.
<b>HAZ-VAR/A-3:</b> The handling of hazardous or acutely hazardous materials, substances, or waste at the proposed staging area would occur within one-quarter mile of an existing school. <i>Less than significant with mitigation</i> (Class II).	<b>HAZ-VAR/A-3:</b> Implement Mitigation Measures HAZ-VAR/A-1a through HAZ-VAR/A-1e. <i>See above.</i>	See Mitigation Measures HAZ-VAR/A-1a through HAZ-VAR/A-1e.	See Mitigation Measures HAZ-VAR/A-1a through HAZ-VAR/A-1e.	See Mitigation Measures HAZ-VAR/A-1a through HAZ-VAR/A-1e.

**TABLE A-1 (continued)**  
**MITIGATION MONITORING, REPORTING AND COMPLIANCE PROGRAM FOR YREKA-WEED 115 kV TRANSMISSION LINE UPGRADE PROJECT,**  
**SOUTHERN PORTION AND THE WEED SEGMENT**

Environmental Impact	Mitigation Measures Proposed in this EIR	Implementing Actions	Monitoring/Reporting Requirements	Timing
Hydrology and Water Quality				
<b>HYD-VAR/A-1:</b> Construction activities could exacerbate the processes of soil erosion and entrainment of sediment in stormwater runoff, increasing the turbidity levels within local streams, and/or release fuel-based pollutants to local streams: <i>Less than significant with mitigation</i> (Class II).	<p><b>HYD-VAR/A-1:</b> The applicant, in preparing the SWPPP for the project shall include the following measures:</p> <p><b>Measures applicable to all sites:</b></p> <ul style="list-style-type: none"> <li>Silt fencing, straw wattles, and/or hay bales <u>or other appropriate sediment control</u> shall be placed at all construction site boundaries (work areas, the staging area, pull and tension sites, and areas for the substation modification work).</li> <li><u>New, permanent and temporary</u> access roads shall be sloped to provide effective overland flow pathways (i.e., convex in cross section) and avoid formation of erosive gullies caused by concentrated runoff. Where necessary, all-weather roads shall be covered with gravel base material.</li> <li>Grading activities: <ul style="list-style-type: none"> <li>Grading areas shall be clearly marked and no equipment or vehicles shall disturb slopes or drainages outside of the grading area.</li> <li>For grading related to the staging area and pull and tension sites: surfaces of these areas shall be graveled during the wet season (October through April). Upon completion of construction activities, these areas shall be returned to pre-project conditions and re-vegetated (i.e., re-seeded using a County-approved seed mix).</li> </ul> </li> </ul>	PacifiCorp shall submit all approved permits to the CPUC prior to commencing construction.	<p>Receipt by the CPUC of the described documentation.</p> <p>CPUC mitigation monitor to monitor compliance.</p>	<p>Prior to the commencement of construction by PacifiCorp.</p> <p>During all phases of construction</p>

**TABLE A-1 (continued)**  
**MITIGATION MONITORING, REPORTING AND COMPLIANCE PROGRAM FOR YREKA-WEED 115 kV TRANSMISSION LINE UPGRADE PROJECT,**  
**SOUTHERN PORTION AND THE WEED SEGMENT**

Environmental Impact	Mitigation Measures Proposed in this EIR	Implementing Actions	Monitoring/Reporting Requirements	Timing
Hydrology and Water Quality (cont.)				
HYD-VAR/A-1 (cont.)	<ul style="list-style-type: none"> <li>• General stockpiling: <ul style="list-style-type: none"> <li>– Soil excavated from boreholes or for substation modifications/upgrades shall not be left at work areas where slopes exceed 10 percent or where the work area is within 100 feet of a natural stream or waterbody (receiving water). In these situations: Loose soil shall be loaded and used elsewhere or stockpiled at the staging area. Soil stockpiled at the staging area shall be managed as required in other sections of the SWPPP and be appropriately covered, vegetated, or protected by berms during the wet season (October through April) and, as appropriate, during spring and summer thunderstorms.</li> <li>– No stockpiling or spreading of excavated soil or other materials shall occur within stream channels.</li> </ul> </li> <li>• Waste management: <ul style="list-style-type: none"> <li>– The NPDES requires that the SWPPP show BMPs for control of discharges from waste handling and disposal areas and methods of on-site storage and disposal of construction materials and waste. The SWPPP also must describe the BMPs designed to minimize or eliminate the exposure of stormwater to construction materials, equipment, vehicles, waste storage or service areas. The SWPPP would require PacifiCorp to identify equipment storage, cleaning and maintenance areas.</li> <li>– Changing of oil or other fluids for equipment and heavy machinery shall not be performed within, or on the banks of, natural stream channels.</li> </ul> </li> </ul>			

**TABLE A-1 (continued)**  
**MITIGATION MONITORING, REPORTING AND COMPLIANCE PROGRAM FOR YREKA-WEED 115 kV TRANSMISSION LINE UPGRADE PROJECT,**  
**SOUTHERN PORTION AND THE WEED SEGMENT**

Environmental Impact	Mitigation Measures Proposed in this EIR	Implementing Actions	Monitoring/Reporting Requirements	Timing
Hydrology and Water Quality (cont.)				
HYD-VAR/A-1 (cont.)	<p><b>Measures applicable to the 5 side hill sites (between Poles 4/46 to 11/46) and the new road installation on the erosive soil type(s) (as identified above):</b></p> <ul style="list-style-type: none"> <li>For all instances where runoff is altered by a BMP design (i.e., concentrated, re-directed, etc.): filter runoff on-site using silt fences, desiltation ponds, baker tanks, and/or other appropriate control measures prior to off-site discharge.</li> <li>Upon completion of slope-grading activities, erosion protection shall be provided and must include slope revegetation, if appropriate (i.e., where vegetation was cleared or removed). Revegetation shall be facilitated by mulching, hydroseeding, or other methods, and shall be initiated as soon as possible after completion of grading and prior to October 15<sup>th</sup>. Selection of plant materials shall consider native plantings and shall encourage shrubs and trees as a long-term erosion control feature.</li> <li>For construction activities (i.e., work areas and pull and tension sites) and access road installation on slopes between 10 and 30 percent, or within 100 feet of a natural stream or waterbody (receiving water): <ul style="list-style-type: none"> <li>Waterbars shall be installed on all temporary and permanent access roads.</li> <li>Diversion swales and/or roadside ditches shall be constructed to convey and filter runoff (i.e., cross-slope diversions steep hillsides) away from a natural stream or waterbody (receiving water). Swales shall be vegetated (i.e., grass) or lined with rock; roadside ditches shall be lined with rock.</li> </ul> </li> </ul>			

**TABLE A-1 (continued)**  
**MITIGATION MONITORING, REPORTING AND COMPLIANCE PROGRAM FOR YREKA-WEED 115 kV TRANSMISSION LINE UPGRADE PROJECT,**  
**SOUTHERN PORTION AND THE WEED SEGMENT**

Environmental Impact	Mitigation Measures Proposed in this EIR	Implementing Actions	Monitoring/Reporting Requirements	Timing
Hydrology and Water Quality (cont.)				
<b>HYD-VAR/A-1</b> (cont.)	<ul style="list-style-type: none"> <li>For construction activities (i.e., work areas and pull and tension sites) on slopes exceeding 30 percent: <ul style="list-style-type: none"> <li>Same as above (for 10 to 30 percent slopes); and</li> <li>Implement terracing or other, similar slope-roughening techniques.</li> </ul> </li> <li>No permanent road installation shall occur on slopes exceeding 30 percent.</li> </ul>			
<b>HYD-VAR/A-2:</b> Dewatering during construction activities could release previously contaminated groundwater to surface water channels or features: <i>Less than significant with mitigation</i> (Class II).	<p><b>HYD-VAR/A-2:</b> The applicant, in preparing the SWPPP for the project shall include the following measures:</p> <ul style="list-style-type: none"> <li>If degraded soil or groundwater is encountered during excavation (e.g., there is an obvious sheen, odor, or unnatural color to the soil or groundwater), the applicant's contractor shall excavate, segregate, test, and dispose of degraded soil or groundwater in accordance with state hazardous waste disposal requirements.</li> <li>If dewatering is necessary in an area requiring storm sewer discharge, obtain a discharge permit from the local Publicly Owned Treatment Works (POTW); otherwise, if discharging to a stream or open ground, acquire any necessary permits from the NCRWQCB.</li> </ul>	PacifiCorp shall submit all approved permits to the CPUC prior to commencing construction.	<p>Receipt by the CPUC of the described documentation.</p> <p>CPUC mitigation monitor to monitor compliance.</p>	<p>Prior to the commencement of construction by PacifiCorp.</p> <p>During all phases of construction</p>
<b>HYD-VAR/A-3:</b> Pole installation could affect the flow of nearby springs or the flow of shallow groundwater, both of which supply cold water to streams: <i>Less than significant with mitigation</i> (Class II).	<b>HYD-VAR/A-3:</b> Implement Mitigation Measure HYD-VAR/A-4a. <i>See below.</i>	See Mitigation Measures HYD-VAR/A-4a and HYD-VAR/A-4b.	See Mitigation Measures HYD-VAR/A-4a and HYD-VAR/A-4b.	See Mitigation Measures HYD-VAR/A-4a and HYD-VAR/A-4b.

**TABLE A-1 (continued)**  
**MITIGATION MONITORING, REPORTING AND COMPLIANCE PROGRAM FOR YREKA-WEED 115 kV TRANSMISSION LINE UPGRADE PROJECT,**  
**SOUTHERN PORTION AND THE WEED SEGMENT**

Environmental Impact	Mitigation Measures Proposed in this EIR	Implementing Actions	Monitoring/Reporting Requirements	Timing
Hydrology and Water Quality (cont.)				
<b>HYD-VAR/A-4:</b> Pole installation could affect the production of nearby domestic or irrigation water sources and/or the flow of nearby springs and shallow groundwater, both of which supply cold water to streams. <i>Less than significant with mitigation</i> (Class II).	<p><b>HYD-VAR/A-4a:</b> Steel pole installation at Pole 19/45 shall adhere to the following measures:</p> <ul style="list-style-type: none"> <li>If groundwater is encountered during the auger or excavation process, then 1) the depth to first water shall be recorded, and 2) completion of the hole to final depth shall proceed by means of auger only (or other such means that results in a cylindrical hole). The depth to water shall then be recorded at <u>(a) the end of the augering process, and (b) the end of a 24-hour period.</u></li> <li>If the water level drops by less than five feet over the 24-hour period, then pole installation can proceed as described in Section 2, <i>Project Description</i>.</li> <li>If the water level has fallen by more than five feet before or at the end of the 24 hour period, or is continuing to drop after the 24 hour period, then upon pole installation the auger hole shall be backfilled with an appropriate sealant material (e.g., a bentonite/cement mixture) to a depth of six inches below ground surface, or completely to ground surface if the boring was started by means of excavation. This would seal any potential conduit created by installation of the pole; this method is similar to the long-standing and continuing practice of creating a sanitary seal upon installation of groundwater wells. The bentonite/cement mixture shall be formulated and placed by a water well driller with a California license (C57 License); the bentonite/cement mixture shall be formulated to avoid shrinkage and cracking. The process of backfilling and sealing the auger hole shall be supervised by a Professional Geologist who is also a Certified Hydrogeologist, or other similarly qualified individual.</li> </ul>	<p>PacifiCorp to submit contact information and qualifications of a water well driller with a California license (C57 License) and a Professional Geologist who is also a Certified Hydrogeologist, or other similarly qualified individual.</p> <p>PacifiCorp and its contractor(s) to implement measure as defined.</p>	<p>Receipt by the CPUC of the described documentation.</p> <p>CPUC mitigation monitor to monitor compliance.</p>	<p>At least one week prior to the commencement of construction activities at Pole 19/45.</p> <p>During construction of Pole 19/45</p>

**TABLE A-1 (continued)**  
**MITIGATION MONITORING, REPORTING AND COMPLIANCE PROGRAM FOR YREKA-WEED 115 kV TRANSMISSION LINE UPGRADE PROJECT,**  
**SOUTHERN PORTION AND THE WEED SEGMENT**

Environmental Impact	Mitigation Measures Proposed in this EIR	Implementing Actions	Monitoring/Reporting Requirements	Timing
<b>Hydrology and Water Quality (cont.)</b>				
<b>HYD-VAR/A-5:</b> Construction activities could impact local drainage patterns, or the course of a given stream, resulting in substantial on- or off-site erosion or sedimentation. <i>Less than significant with mitigation</i> (Class II).	<b>HYD-VAR/A-5:</b> Implement Mitigation Measure HYD-VAR/A-1. <i>See above.</i>	See Mitigation Measure HYD-VAR/A-1.	See Mitigation Measure HYD-VAR/A-1.	See Mitigation Measure HYD-VAR/A-1.
<b>Land Use, Plans, and Policies</b>				
<b>LU-VAR/A-1:</b> The Mackintosh/ALJ Variation A alternative could conflict with constraints identified in the Siskiyou County General Plan.	<b>LU-VAR/A-1:</b> Implement Mitigation Measures BIO-VAR/A-2, BIO-VAR/A-6, and HYD-VAR/A-1. <i>See above.</i>	See Mitigation Measures BIO-VAR/A-2, BIO-VAR/A-6, and HYD-VAR/A-1.	See Mitigation Measures BIO-VAR/A-2, BIO-VAR/A-6, and HYD-VAR/A-1.	See Mitigation Measures BIO-VAR/A-2, BIO-VAR/A-6, and HYD-VAR/A-1.
<b>Mineral Resources</b>				
No mitigation required				
<b>Population and Housing</b>				
No mitigation required				
<b>Noise</b>				
<b>NOI-VAR/A-1:</b> Adverse noise levels could be generated during project construction. <i>Less than significant with mitigation</i> (Class II).	<b>NOI-VAR/A-1a:</b> Construction activity within 2,000 feet of residences shall be limited to the least noise-sensitive daytime hours between 7:00 a.m. and 7:00 p.m., with some exceptions (as approved by the CPUC) as required for safety considerations or certain construction procedures that cannot be interrupted.	PacifiCorp and its contractor(s) to implement measure as defined.	CPUC mitigation monitor to monitor compliance.	During all phases of construction.
	<b>NOI-VAR/A-1b:</b> The following noise reduction and suppression techniques shall be employed during project construction to minimize the impact of temporary construction-related noise on nearby sensitive receptors: <ul style="list-style-type: none"> <li>Comply with manufacturers' muffler requirements.</li> </ul>	PacifiCorp and its contractor(s) to implement measure as defined.	CPUC mitigation monitor to periodically inspect equipment.	Prior to and during construction.



**TABLE A-1 (continued)**  
**MITIGATION MONITORING, REPORTING AND COMPLIANCE PROGRAM FOR YREKA-WEED 115 kV TRANSMISSION LINE UPGRADE PROJECT,**  
**SOUTHERN PORTION AND THE WEED SEGMENT**

Environmental Impact	Mitigation Measures Proposed in this EIR	Implementing Actions	Monitoring/Reporting Requirements	Timing
Noise (cont.)				
<b>NOI-VAR/A-1</b> (cont.)	<ul style="list-style-type: none"> <li>Notify residences in advance of the construction schedule and how many days they may be affected. Provide a phone number for a construction supervisor who would handle construction noise questions and complaints.</li> <li>Minimize idling of engines; turn off engines when not in use, where applicable.</li> <li>Shield compressors and other small stationary equipment with portable barriers when within 100 feet of residences.</li> <li>Route truck traffic away from noise-sensitive areas where feasible.</li> </ul>			
Public Services and Recreation				
<b>PS-VAR/A-1:</b> Construction activities could temporarily increase the demand for fire protection services. <i>Less than significant with mitigation (Class II).</i>	<b>PS-VAR/A-1a:</b> PacifiCorp shall implement Mitigation Measure HAZ-VAR/A-1c (see Section 4.06, <i>Hazards and Hazardous Materials</i> ) which requires preparation of a Health and Safety Plan. In addition, this Plan shall address emergency medical services in the case of an emergency. The Plan shall list procedures and specific emergency response and evacuation measures that would be required to be followed during emergency situations. PacifiCorp shall prepare this Plan and distribute it to all construction crew members involved in the project prior to construction and operation of the project.	PacifiCorp to implement measure as defined.	<p>PacifiCorp to submit the Plan to the CPUC for review and approval.</p> <p>PacifiCorp to distribute approved plan to all PacifiCorp and contract workers involved in project construction and operations.</p> <p>CPUC mitigation monitor to inspect compliance with the Health and Safety Plan at least once weekly.</p>	<p>Submit final plan to CPUC one week prior to start of construction.</p> <p>Prior to start of construction.</p> <p>During all phases of construction.</p>

**TABLE A-1 (continued)**  
**MITIGATION MONITORING, REPORTING AND COMPLIANCE PROGRAM FOR YREKA-WEED 115 kV TRANSMISSION LINE UPGRADE PROJECT,**  
**SOUTHERN PORTION AND THE WEED SEGMENT**

Environmental Impact	Mitigation Measures Proposed in this EIR	Implementing Actions	Monitoring/Reporting Requirements	Timing
Public Services (cont.)				
<b>PS-VAR/A-1</b> (cont.)	<b>PS-VAR/A-1b:</b> <del>Water tanks shall be sited in project areas and be available for fire protection. All construction vehicles shall carry fire suppression equipment. PacifiCorp shall contact and coordinate with the CDF and Weed City Volunteer Fire Department to determine reasonable and prudent minimum amounts of fire prevention and control equipment to be carried on the project vehicles, and to determine the need for and, if needed, appropriate locations for the of stationary water tanks to be installed and maintained by PacifiCorp. PacifiCorp shall restrict driving in tall, dry vegetation, restrict smoking to cleared areas and vehicles, and require spark shields to be used during welding or other spark-producing activity. PacifiCorp shall submit verification of its consultation with the CDF and Weed City Volunteer Fire Department local fire departments to the CPUC.</del>	PacifiCorp and its contractor(s) to implement measure as defined.	PacifiCorp to submit written summary of discussion with CDF and City of Weed fire departments staff to the CPUC.  CPUC mitigation monitor to monitor compliance	Prior to start of construction.  During all phases of construction.
<b>PS-VAR/A-2:</b> Construction activities could occur in proximity to public roadways and potentially affect vehicle access and fire department response times. <i>Less than significant with mitigation (Class II).</i>	<b>PS-VAR/A-2:</b> PacifiCorp shall coordinate with the Siskiyou County and the City of Weed emergency service providers prior to construction to ensure that construction activities and associated lane closures would not significantly affect emergency response vehicles. PacifiCorp shall submit verification of its consultation with emergency service providers to the CPUC.	PacifiCorp and its contractor(s) to implement measure as defined.	PacifiCorp to submit written summary of discussion with City of Yreka, City of Weed and Siskiyou County emergency personal to the CPUC.  CPUC mitigation monitor to monitor compliance	Prior to start of construction.  During all phases of construction
<b>PS-VAR/A-3:</b> Construction activities could temporarily increase the demand for police services. <i>Less than significant with mitigation (Class II).</i>	<b>PS-VAR/A-3a:</b> PacifiCorp shall implement standard precautionary measures, such as securing equipment when left unattended to minimize theft and vandalism.	PacifiCorp and its contractor(s) to implement measure as defined.	PacifiCorp to submit written summary of discussion with City of Yreka, City of Weed and Siskiyou County police personal to the CPUC.  CPUC mitigation monitor to monitor compliance	Prior to start of construction.  During all phases of construction.

**TABLE A-1 (continued)**  
**MITIGATION MONITORING, REPORTING AND COMPLIANCE PROGRAM FOR YREKA-WEED 115 kV TRANSMISSION LINE UPGRADE PROJECT,**  
**SOUTHERN PORTION AND THE WEED SEGMENT**

Environmental Impact	Mitigation Measures Proposed in this EIR	Implementing Actions	Monitoring/Reporting Requirements	Timing
Public Services (cont.)				
<b>PS-VAR/A-3</b> (cont.)	<b>PS-VAR/A-3b:</b> PacifiCorp shall provide traffic control, if necessary, in coordination with the appropriate police agency. For the crossing of any private or public roadways, safety measures such as barriers, flagmen, or other traffic control would be used for public protection during wire installation.	PacifiCorp and its contractor(s) to implement measure as defined.	PacifiCorp to submit written summary of discussion with City of Yreka, City of Weed and Siskiyou County police personal to the CPUC.  CPUC mitigation monitor to monitor compliance.	Prior to start of construction.  During all phases of construction.
	<b>PS-VAR/A-3c:</b> PacifiCorp shall implement public safety measures, including the covering and securing all open holes once activity at that location is stopped (after hours), and the placement of safety structures adjacent to roadways during overhead wire installation activity to protect vehicles and pedestrians.	PacifiCorp and its contractor(s) to implement measure as defined.	PacifiCorp to submit written summary of discussion with City of Yreka, City of Weed and Siskiyou County police personal to the CPUC.  CPUC mitigation monitor to monitor compliance.	Prior to start of construction.  During all phases of construction
Transportation / Traffic				
<b>TRA-VAR/A-1:</b> Construction activities could adversely affect traffic and transportation conditions in the study area. <i>Less than significant with mitigation</i> (Class II).	<b>TRA-VAR/A-1a:</b> PacifiCorp shall obtain and comply with local road encroachment permits for public roads that are crossed by the approved transmission line. PacifiCorp shall also coordinate short-term construction activities at private road crossings with the applicable private property owners. Copies of all encroachment permits and evidence of private property coordination shall be provided to the CPUC prior to the commencement of construction activities.	PacifiCorp to implement measure as defined.	PacifiCorp and/or its contractor(s) to attain, comply with, and submit copies of acquired permits to the CPUC.	Attain and submit permits to the CPUC one week prior to start of construction.  Comply with permits during all phases of construction.

**TABLE A-1 (continued)**  
**MITIGATION MONITORING, REPORTING AND COMPLIANCE PROGRAM FOR YREKA-WEED 115 kV TRANSMISSION LINE UPGRADE PROJECT,**  
**SOUTHERN PORTION AND THE WEED SEGMENT**

Environmental Impact	Mitigation Measures Proposed in this EIR	Implementing Actions	Monitoring/Reporting Requirements	Timing
Transportation/Traffic (cont.)				
<b>TRA-VAR/A-1</b> (cont.)	<p><b>TRA-VAR/A-1b:</b> PacifiCorp shall prepare and implement a Traffic Management Plan subject to approval of the appropriate state agency and/or local government(s). The approved Traffic Management Plan and documentation of agency approvals shall be submitted to the CPUC prior to the commencement of construction activities. The plan shall:</p> <ul style="list-style-type: none"> <li>• Include a discussion of work hours, haul routes, work area delineation, traffic control and flagging;</li> <li>• Identify all access and parking restriction and signage requirements;</li> <li>• Require workers to park personal vehicles at the approved staging area and take only necessary project vehicles to the work sites;</li> <li>• Lay out plans for notifications and a process for communication with affected residents and landowners prior to the start of construction. Advance public notification shall include posting of notices and appropriate signage of construction activities. The written notification shall include the construction schedule, the exact location and duration of activities within each street (i.e., which road/lanes and access point/driveways would be blocked on which days and for how long), and a toll-free telephone number for receiving questions or complaints; and</li> <li>• Include plans to coordinate all construction activities with emergency service providers in the area, consistent with Mitigation Measure PS-VAR/A-2 (see Section 4.10, <i>Public Services</i>). Emergency service providers would be notified of the timing, location, and duration of construction activities. All roads would remain passable to emergency service vehicles at all times.</li> </ul>	PacifiCorp to implement measure as defined.	<p>CPUC and the appropriate local jurisdiction (i.e., Siskiyou County or City of Yreka or City of Weed) to review and approve submitted Traffic Management Plan.</p> <p>CPUC mitigation monitor to inspect compliance at least once weekly.</p>	<p>Submit final plan to CPUC and the appropriate local jurisdiction (i.e., Siskiyou County or City of Yreka or City of Weed) one month prior to start of construction.</p> <p>During all phases of construction.</p>

**TABLE A-1 (continued)**  
**MITIGATION MONITORING, REPORTING AND COMPLIANCE PROGRAM FOR YREKA-WEED 115 kV TRANSMISSION LINE UPGRADE PROJECT,**  
**SOUTHERN PORTION AND THE WEED SEGMENT**

Environmental Impact	Mitigation Measures Proposed in this EIR	Implementing Actions	Monitoring/Reporting Requirements	Timing
Transportation / Traffic (cont.)				
<b>TRA-VAR/A-1</b> (cont.)	<ul style="list-style-type: none"> <li>Identify all roadway locations where special construction techniques (e.g., night construction) would be used to minimize impacts to traffic flow.</li> </ul>			
	<b>TRA-VAR/A-1c:</b> PacifiCorp shall coordinate with the appropriate state agency, local government(s), and/or any other appropriate entity, regarding measures to minimize the cumulative effect of simultaneous construction activities in overlapping areas.	PacifiCorp to implement measure as defined.	PacifiCorp and/or its contractor(s) to submit circulation and detour plans to the CPUC to review and approve.  CPUC mitigation monitor to inspect compliance at least once weekly.	Submit to final plans to CPUC one week prior to start of construction.  During all phases of construction.
<b>TRA-VAR/A-2:</b> Project construction activities could increase potential traffic safety hazards for vehicles, bicyclists and pedestrians on public roadways. <i>Less than significant with mitigation</i> (Class II).	<b>TRA-VAR/A-2:</b> Implement Mitigation Measure TRA-VAR/A-1b. <i>See above.</i>	See Mitigation Measure TRA-VAR/A-1b.	See Mitigation Measure TRA-VAR/A-1b.	See Mitigation Measure TRA-VAR/A-1b.
<b>TRA-VAR/A-3:</b> Construction activities could result in delays for emergency vehicles on study area roadways. <i>Less than significant with mitigation</i> (Class II).	<b>TRA-VAR/A-3:</b> Implement Mitigation Measures TRA-VAR/A-1b and PS-VAR/A-2. <i>See above.</i>	See Mitigation Measures TRA-VAR/A-1b and PS-VAR/A-2	See Mitigation Measures TRA-VAR/A-1b and PS-VAR/A-2	See Mitigation Measures TRA-VAR/A-1b and PS-VAR/A-2
Utilities and Services				
<b>USS-VAR/A-1:</b> Construction activities could inadvertently contact underground utility lines and/or facilities during excavation and other ground disturbance, possibly leading to short-term utility service interruptions. <i>Less than significant with mitigation</i> (Class II).	<b>USS-VAR/A-1:</b> PacifiCorp shall ensure that Underground Service Alert is notified at least 2 working days prior to initiation of construction activities with ground disturbance. PacifiCorp shall also delineate the area to be excavated, and hand expose to the point of no conflict within the tolerance zone of any utility (i.e., 24 inches on either side of the buried utility).	PacifiCorp and its contractor(s) to implement measure as defined.	PacifiCorp to submit written summary of discussion with Underground Service Alert to the CPUC.	Prior to and during all phases of construction.

**(END OF APPENDIX A)**