

SECTION 3

Mitigation Monitoring, Reporting, and Compliance Program

3.1 Summary

For informational purposes, this chapter includes a revised list of Applicant Proposed Measures and Table 3-1, Mitigation Monitoring, Reporting, and Compliance Program for the Mascot Substation Project. This table has been reproduced from Table 5-1 in the Draft MND, with a modification to the sixth bullet of Mitigation Measure 3.4-4, to summarize the impacts and mitigations for the Proposed Project. Comment Responses B-2, C-2, and E-2 describe the only changes to the MMRCP.

Applicant Proposed Measures

Biological Resources: No measures were proposed by the applicant to minimize impacts on biological resources resulting from the Proposed Project. Environmental surveys were proposed, however, as part of the applicant's Project Description. The impact analysis in this MND assumes that these environmental surveys would be implemented to reduce impacts on biological resources:

Unsurveyed Areas. For areas disturbed by the Project that have not been surveyed, a desktop review of resources occurring in the area will be conducted to identify potential biological resources that may occur, and a qualified wildlife biologist would conduct a field survey of the areas directly impacted by construction.

Thirty days prior to the start of ground-disturbing activity, the following surveys will be conducted:

Clearance Surveys. A clearance survey will be conducted to identify potential plant and animal species that may be impacted by construction activities. Clearance surveys include a field survey by a qualified botanist and wildlife biologist and would be limited to areas directly impacted by construction activities.

Active nests. Work near nests will be scheduled to take place outside the nesting season when feasible. As of the clearance surveys that take place during nesting season (generally February 1 to ~~August 31~~ September 15), a nesting survey will be conducted within 10 days prior to ground disturbance. If a nest must be removed during the nesting season, SCE will coordinate with CDFG and the USFWS to obtain approval prior to removing the nest.

APM PAL-01: Develop and Implement a Paleontological Monitoring Plan. A project paleontologist meeting the qualifications established by the Society of Vertebrate Paleontologists shall be retained by SCE to develop and implement a Paleontological Monitoring Plan prior to the start of ground disturbing activities for the Proposed Project. As part of the Paleontological Monitoring Plan, the Project paleontologist shall establish a curation agreement with an accredited facility prior to the initiation of ground-disturbing activities. The Paleontological Monitoring Plan shall also include a final monitoring report. If fossils are identified, the final monitoring report shall contain an appropriate description of the fossils, treatment, and curation.

APM PAL-02: Paleontological Monitoring at the Proposed Project Substation Site. A paleontological monitor shall be on site to observe ground-disturbing activities at depths greater than three feet at the Proposed Project substation site. If fossils are found during ground-disturbing activities, the paleontological monitor shall halt the ground-disturbing activities within 25 feet of the find in order to allow evaluation of the find and determination of appropriate treatment.

APM PAL-03: Paleontological Monitoring for Installation of Subtransmission Structures. A paleontological monitor shall be on site to spot check ground-disturbing activities at depths greater than three feet during installation of the 66 kV subtransmission structures. If very few or no fossils remains are found during ground disturbing activities monitoring time can be reduced or suspended entirely as per recommendations of the paleontological field supervisor. If fossils are found during ground-disturbing activities, the paleontological monitor shall halt the ground-disturbing activities within 25 feet of the find in order to allow evaluation of the find and determination of appropriate treatment.

APM PAL-04: Paleontological Monitoring for Installation of Telecommunications Duct Banks. A paleontological monitor shall be on site to spot check ground-disturbing activities at depths greater than three feet during installation of the telecommunications duct banks. If very few or no fossils remains are found during ground disturbing activities monitoring time can be reduced or suspended entirely as per recommendations of the paleontological field supervisor. If fossils are found during ground-disturbing activities, the paleontological monitor shall halt the ground-disturbing activities within 25 feet of the find in order to allow evaluation of the find and determination of appropriate treatment.

APM GEO-1: Perform Site-Specific Geotechnical Study. SCE will conduct a geotechnical study of the substation site and the subtransmission line that will include an evaluation of the soil type, depth to the water table, soil resistivity, and the presence of anthropogenic chemicals, including pesticides.

APM HYD-1: Storm Water Pollution Prevention Plan. SCE will prepare a Storm Water Pollution Prevention Plan (SWPPP) that includes project information; monitoring and reporting procedures; and Best Management Practices (BMPs) such as storm water runoff quality control measures (boundary protection), spill reporting, and concrete waste

management, as applicable to the project. The SWPPP will be based on final engineering design and would include all Project components.

APM HYD-2: Spill Prevention Control and Countermeasure Plan. The substation grading design will incorporate Spill Prevention Control and Countermeasure (SPCC) Plan requirements due to the planned operation of oil-filled transformers at the substation (in accordance with 40 CFR Part 112.1 through Part 112.7). Typical SPCC features include curbs and berms designed and installed to contain spills, should they occur. These features would be part of SCE's final engineering design for the Proposed Project.

**TABLE 3-1
MITIGATION MONITORING, REPORTING AND COMPLIANCE PROGRAM FOR THE MASCOT SUBSTATION PROJECT**

Environmental Impact	Mitigation Measures Proposed in this IS/MND	Implementing Actions	Monitoring/Reporting Requirements	Timing
Aesthetics				
Light and Glare	<p>Mitigation Measure 3.1-1: Reduce construction night lighting impacts. SCE shall design and install all lighting at construction and storage yards and staging areas such that light bulbs and reflectors are not visible from public viewing areas; lighting does not cause reflected glare; and illumination of the project facilities, vicinity, and nighttime sky is minimized. SCE shall submit a Construction Lighting Mitigation Plan to the CPUC for review and approval at least 90 days prior to the start of construction of any exterior lighting fixtures or components. SCE shall not install or operate any exterior lighting fixtures or lighting components for the Proposed Project until the Construction Lighting Mitigation Plan is approved by the CPUC. The Plan shall include but not be limited to the following measures:</p> <ul style="list-style-type: none"> Lighting shall be designed so exterior lighting is hooded, with lights directed downward or toward the area to be illuminated and so that backscatter to the nighttime sky is minimized. The design of the lighting shall be such that the luminescence or light sources are shielded to prevent light trespass outside the project boundary. All lighting shall be of minimum necessary brightness consistent with OSHA requirements. 	SCE and its contractors to implement measure as defined.	<p>SCE to submit Construction Lighting Mitigation Plan to CPUC for review.</p> <p>CPUC mitigation monitor to inspect compliance.</p>	<p>Submit plan to CPUC at least 90 days prior to commencement of construction activities.</p> <p>During all phases of construction activities.</p>
Agricultural and Forestry Resources				
Conversion of Farmland of Statewide Importance	<p>Mitigation Measure 3.2-1: Compensate for conversion of Farmland. SCE will pay a mitigation fee for agricultural land converted to permanent non-agricultural use in accordance with the Kings County General Plan, Table RC-4: Estimated Mitigation Fee, or as modified by the County.</p>	SCE to implement measure as defined.	SCE to pay mitigation fee.	Payment in accordance with Kings County fee schedule.
Loss of Agricultural Use	<p>Mitigation Measure 3.2-2: SCE and/or its contractors shall incorporate the following measures into project construction plans and specifications specific to lands designated as Farmland:</p> <ul style="list-style-type: none"> Ensure that existing drainage systems at Proposed Project sites that are needed for farming activities function as necessary so that agricultural uses are not disrupted. Coordinate with landowners to ensure that construction does not impact irrigation and/or other ancillary farming systems to a degree that farming practices cannot be maintained. Maintain existing levels of water available to landowners via the current irrigation system including but not be limited to implementing re-routing and/or temporary irrigation systems. <p>In lieu of implementing the above requirements, SCE shall have the option of negotiating agreements with any affected landowner(s) that shall enable the landowner(s) to effect their own irrigation and/or drainage system changes in a manner consistent with the landowner's farming practices and plans.</p>	SCE and its contractors to implement measure as defined.	CPUC mitigation monitor to inspect compliance.	During project construction planning and all phases of construction.

TABLE 3-1 (Continued)
MITIGATION MONITORING, REPORTING AND COMPLIANCE PROGRAM FOR THE MASCOT SUBSTATION PROJECT

Environmental Impact	Mitigation Measures Proposed in this IS/MND	Implementing Actions	Monitoring/Reporting Requirements	Timing
Air Quality				
No mitigation required.				
Biological Resources				
Special-Status Species: Western pond turtle	<p>Mitigation Measure 3.4-1: SCE and/or its contractors shall implement the following measures for construction and maintenance areas located in suitable habitat within 0.3 mile of aquatic features:</p> <ul style="list-style-type: none"> • Establish a Worker Environmental Awareness Program (WEAP) for construction personnel. This program shall include a description of western pond turtle, its legal status, suitable habitat in the project area, and mitigation measures being implemented for its protection. • Construction personnel shall observe a 15 mph speed limit on unpaved roads in the Project area. Before operating equipment, workers shall check underneath equipment that has remained in one location for 15 minutes. Any pond turtles located within the construction area shall be relocated, by a biologist, to the nearest safe location. 	SCE and its contractors to implement measure as defined.	<p>SCE to establish a Worker Environmental Awareness Program (WEAP) for construction personnel and restrict speed limits.</p> <p>CPUC mitigation monitor to inspect compliance.</p>	<p>Submit documentation to CPUC prior to commencement of construction activities.</p> <p>During all phases of construction activities.</p>
Special-Status Species: Swainson's hawk	<p>Mitigation Measure 3.4-2: SCE and/or its contractors shall implement the following measures for construction and maintenance areas:</p> <ul style="list-style-type: none"> • Project design, construction, and maintenance shall conform to SCE's corporate Avian Protection Plan and Avian Power Line Interaction Committee (APLIC) Guidelines. • If active nests are not identified during the preconstruction survey, no further action shall be required for breeding birds. • Raptor surveys will comply with survey protocols for Swainson's Hawk in the Central Valley, as outlined in CDFG's May 31, 2000 Recommended Timing and Methodology for Swainson's Hawk Nesting Surveys in California's Central Valley. • If active nests are identified during the preconstruction survey, the following measures shall be implemented to avoid and minimize impacts: <ul style="list-style-type: none"> – The Worker Environmental Awareness Program (WEAP) for construction personnel shall cover the topic of nesting birds, including their legal status, suitable habitat in the project area, and mitigation measures being implemented for their protection. – Buffer zones and avoidance guidelines shall be established in coordination with CDFG. – Construction contractors shall observe CDFG avoidance guidelines and buffer zones shall remain in effect until young have fledged. 	SCE and its contractors to implement measure as defined.	<p>SCE to submit documentation demonstrating conformance with APLIC Guidelines to CPUC for review.</p> <p>CPUC mitigation monitor to inspect compliance.</p>	Submit documentation to CPUC prior to commencement of construction activities.

**TABLE 3-1 (Continued)
MITIGATION MONITORING, REPORTING AND COMPLIANCE PROGRAM FOR THE MASCOT SUBSTATION PROJECT**

Environmental Impact	Mitigation Measures Proposed in this IS/MND	Implementing Actions	Monitoring/Reporting Requirements	Timing
Biological Resources (cont.)				
Special-Status Species: Swainson's hawk (cont.)	<ul style="list-style-type: none"> - Monitoring of the nest by a qualified biologist shall be required if project-related activity has the potential to adversely impact the nest. 			
Special-Status Species: Burrowing owl	<p>Mitigation Measure 3.4-3: SCE and/or its contractors shall implement the following measures for construction and maintenance areas:</p> <ul style="list-style-type: none"> • Within 30 days prior ground disturbance, a qualified biologist shall survey the Project area and all areas within 500 feet according to the survey protocol identified in CDFG's 1995 Guidelines for Burrowing Owl Mitigation. • The Worker Environmental Awareness Program (WEAP) for construction personnel shall cover burrowing owls, their legal status, suitable habitat in the Project area, and mitigation measures being implemented for their protection. • If no active burrows are confirmed or newly-identified, then no further mitigation shall be required for burrowing owls. • If identified, active burrows will be mapped and a qualified biologist shall monitor them for the duration of construction activities. • If active burrowing owl nests are found in project impact areas, CDFG shall be consulted to determine whether such activities can occur without adversely affecting the active nest. Buffer zones and avoidance guidelines shall be established in coordination with CDFG if determined further action is required. • Outside the nesting season, a 160-foot buffer shall be established around all occupied burrows. • If the Proposed Project cannot continue while observing the 160-foot buffer, further Project activities shall be coordinated with CDFG to determine whether a reduced buffer could be accommodated without adversely impacting occupied burrows. 	SCE and its contractors to implement measure as defined.	<p>SCE to submit survey results and, if applicable, documentation showing CDFG consultation to CPUC for review.</p> <p>CPUC mitigation monitor to monitor compliance.</p>	Submit documentation to CPUC prior to commencement of construction activities.
Special-Status Species: San Joaquin kit fox	<p>Mitigation Measure 3.4-4: SCE and/or its contractors shall implement the following measures for construction areas:</p> <ul style="list-style-type: none"> • Preconstruction surveys shall be conducted within 200 feet of work areas to identify potential San Joaquin kit fox dens or other refugia in and surrounding work areas. A qualified biologist shall conduct the survey 14 to 30 days before construction begins. All potential dens shall be monitored for evidence of kit fox use by placing an inert tracking medium at den entrances and monitoring for at least three consecutive nights. If no activity is detected at these sites, they may be closed following guidance established in the 1999 USFWS Standardized Recommendations for Protection of the San Joaquin Kit Fox. 	SCE and its contractors to implement measure as defined.	<p>SCE to submit survey results and, if applicable, documentation showing USFWS consultation to CPUC for review.</p> <p>CPUC mitigation monitor to monitor compliance.</p>	Submit documentation to CPUC prior to commencement of construction activities.

TABLE 3-1 (Continued)
MITIGATION MONITORING, REPORTING AND COMPLIANCE PROGRAM FOR THE MASCOT SUBSTATION PROJECT

Environmental Impact	Mitigation Measures Proposed in this IS/MND	Implementing Actions	Monitoring/Reporting Requirements	Timing
Biological Resources (cont.)				
Special-Status Species: San Joaquin kit fox (cont.)	<ul style="list-style-type: none"> If kit fox occupancy is determined at a given site during preconstruction surveys, as discussed in the bullet above, closure activities shall be halted immediately and the USFWS contacted. Depending on the den type, reasonable and prudent measures to avoid effects to kit fox could include seasonal limitations on project construction at the site (i.e., restricting the construction period to avoid spring-summer pupping season), and/or establishing a construction exclusion zone around the identified site, or resurveying the den a week later to determine species presence or absence. The Worker Environmental Awareness Program (WEAP) for construction personnel shall cover kit fox, their legal status, suitable habitat in the Project area, and mitigation measures being implemented for their protection. To minimize the possibility of inadvertent kit fox mortality, Project-related vehicles shall observe a maximum 20 miles per hour speed limit on private roads in occupied kit fox habitat. Nighttime vehicle traffic shall be kept to a minimum on nonmaintained roads. Off-road SCE construction traffic outside the designated Project area shall be prohibited in areas of occupied kit fox habitat. To prevent accidental entrapment of kit fox or other animals during construction, all excavated holes or trenches greater than two feet deep shall be covered at the end of each work day by suitable materials, or escape routes constructed of earthen materials or wooden planks shall be provided. Before filling, such holes shall be thoroughly inspected for trapped animals. All food-related trash items (such as wrappers, cans, bottles, and food scraps) shall be disposed of in closed containers as frequently as necessary to ensure that trash does not exceed the capacity of the closed containers. To prevent harassment and mortality of kit foxes or destruction of their dens, no pets shall be allowed in the project area. 			
Cultural Resources				
Archaeological Resources	Mitigation Measure 3.5-1: Additional Archaeological Survey. Prior to any ground disturbing activity, those portions of the Project area not previously subject to archaeological survey shall be surveyed by a qualified archaeologist, including a ½-mile segment of the proposed subtransmission line and any newly-proposed staging areas. For those areas that were not surveyed because of low visibility, the additional survey shall occur concurrent with or after vegetation clearance, but before any other ground-disturbing activity. After additional archaeological survey is carried out, the archaeologists shall prepare a report that summarizes the survey efforts, preliminarily evaluates cultural resources for their eligibility for listing in the National Register or California Register, and makes recommendations for treatment of resources if found to be significant.	SCE and its contractors to implement measure as defined.	SCE to submit archaeological surveys to the CPUC and report recommending treatments, if applicable. CPUC mitigation monitor to monitor compliance.	Submit plan to CPUC prior to commencement of ground disturbing activities.

**TABLE 3-1 (Continued)
MITIGATION MONITORING, REPORTING AND COMPLIANCE PROGRAM FOR THE MASCOT SUBSTATION PROJECT**

Environmental Impact	Mitigation Measures Proposed in this IS/MND	Implementing Actions	Monitoring/Reporting Requirements	Timing
Cultural Resources (cont.)				
Archaeological Resources (cont.)	<p>Mitigation Measure 3.5-2: Cease Work if Subsurface Archaeological Resources are Discovered During Ground-Disturbing Activities. If archaeological resources are encountered during Project-related activity, SCE and/or its contractors shall cease all activity within 100 feet of the find until the find can be evaluated by a qualified archaeologist. If the archaeologist determines that the resources may be significant, the archaeologist shall notify the CPUC and shall develop an appropriate Treatment Plan for the resources in consultation with CPUC and with appropriate Native American representatives (if the resources are prehistoric or Native American in nature).</p> <p>In considering any suggested mitigation proposed by the archaeologist in order to mitigate impacts to cultural resources, 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 in accordance with the Treatment Plan. Work may proceed on other parts of the Project area while mitigation measures for cultural resources are being carried out.</p>	SCE and its contractors to implement measure as defined.	<p>SCE to suspend all work and contact CPUC if archaeological resources are discovered.</p> <p>If resource is significant, submit site Treatment Plan and records of consultation with Native American representatives to CPUC.</p> <p>CPUC mitigation monitor to monitor compliance.</p>	During all phases of construction activities.
Human Remains	<p>Mitigation Measure 3.5-3: Halt Work if Human Skeletal Remains are Identified During Construction. If human skeletal remains are uncovered during Project construction, SCE and/or its contractors shall immediately halt all work in the immediate area, contact the County Coroner to evaluate the remains, and follow the procedures and protocols set forth in Section 15064.5 (e)(1) of the CEQA Guidelines. Per Health and Safety Code 7050.5, upon the discovery of human remains there shall be no further excavation or disturbance of the site or any nearby area reasonably suspected to overlie adjacent remains. If the County Coroner determines that the remains are Native American, the coroner shall contact the NAHC, in accordance with Health and Safety Code Section 7050.5(c), and Public Resources Code 5097.98 (as amended by AB 2641). Per Public Resources Code 5097.98, SCE shall ensure that the immediate vicinity, according to generally accepted cultural or archaeological standards or practices, where the Native American human remains are located, is not damaged or disturbed by further development activity until the SCE has discussed and conferred, as prescribed in PRC 5097.98, with the most likely descendents regarding their recommendations, if applicable, taking into account the possibility of multiple human remains.</p>	SCE and its contractors to implement measure as defined.	<p>If human remains are discovered, SCE is to notify the CPUC and Kings County Coroner.</p> <p>CPUC mitigation monitor to monitor compliance.</p>	During all phases of construction activities.
Geology, Soils, and Seismicity				
No mitigation required.				

TABLE 3-1 (Continued)
MITIGATION MONITORING, REPORTING AND COMPLIANCE PROGRAM FOR THE MASCOT SUBSTATION PROJECT

Environmental Impact	Mitigation Measures Proposed in this IS/MND	Implementing Actions	Monitoring/Reporting Requirements	Timing
Hazards and Hazardous Materials				
Hazardous Materials	<p>Mitigation Measure 3.7-1: SCE and/or its contractors shall implement construction best management practices, including but not limited to, the following:</p> <ul style="list-style-type: none"> Follow manufacturer's recommendations on use, storage, and disposal of chemical products used in construction; Avoid overtopping construction equipment fuel gas tanks; Use tarps and adsorbent pads under vehicles when refueling to contain and capture any spilled fuel; During routine maintenance of construction equipment, properly contain and remove grease and oils; Properly dispose of discarded containers of fuels and other chemicals; and If wood poles removed from the Hanford-Liberty subtransmission line are not recycled or reused, they shall be disposed of at a landfill facility that is authorized to accept treated wood pole waste in accordance with HSC 25143.1.4(b). 	SCE and its contractors to implement measure as defined.	CPUC mitigation monitor to monitor compliance.	During all phases of construction activities.
	<p>Mitigation Measure 3.7-2: SCE 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 also shall 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 at least 30 days prior to the commencement of construction activities.</p>	SCE and its contractors to implement measure as defined.	SCE to submit Hazardous Substance Control and Emergency Response Plan to CPUC for review and approval. CPUC mitigation monitor to monitor compliance.	Submit plan to CPUC at least 30 days prior to commencement of construction activities. During all phases of construction activities.
	<p>Mitigation Measure 3.7-3: SCE 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.</p>	SCE and its contractors to implement measure as defined.	SCE to submit Health and Safety Plan to CPUC for review and approval. CPUC mitigation monitor to monitor compliance.	Submit plan to CPUC prior to commencement of construction activities. During all phases of construction activities.
	<p>Mitigation Measure 3.7-4: SCE shall ensure that a Workers Environmental Awareness 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. SCE</p>	SCE and its contractors to implement measure as defined.	CPUC mitigation monitor to attend the first program. SCE to submit copies of sign in sheets from training sessions.	Training to be completed prior to commencement of construction activities.

TABLE 3-1 (Continued)
MITIGATION MONITORING, REPORTING AND COMPLIANCE PROGRAM FOR THE MASCOT SUBSTATION PROJECT

Environmental Impact	Mitigation Measures Proposed in this IS/MND	Implementing Actions	Monitoring/Reporting Requirements	Timing
Hazards and Hazardous Materials (cont.)				
Hazardous Materials (cont.)	shall provide the CPUC mitigation monitor with a one-week advanced notice of the first training session so that the CPUC mitigation monitor has adequate time to plan attendance at the first training. SCE shall submit documentation to the CPUC prior to the commencement of construction activities that each worker on the project has undergone this training program.			Submit sign-in sheets to CPUC prior to commencement of construction activities.
	Mitigation Measure 3.7-5: SCE 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 3.7-2), which shall be implemented during construction.	SCE and its contractors to implement measure as defined.	CPUC mitigation monitor to monitor compliance.	During all phases of construction activities.
Accidental Release	Mitigation Measure 3.7-6: SCE's Hazardous Substance Control and Emergency Response Plan (Mitigation Measure 3.7-2) 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 at least 30 days prior to the commencement of construction activities.	SCE and its contractors to implement measure as defined.	CPUC mitigation monitor to monitor compliance.	Submit plan to CPUC at least 30 days prior to commencement of construction activities. During all phases of construction activities.
	Mitigation Measure 3.7-7: SCE shall develop and implement a Soil Sampling and Analysis Plan to determine the presence and extent of any residual herbicides, pesticides, and fumigants on currently or historically-farmed land in agricultural areas that would be disturbed during construction of the Proposed Project. The Plan shall be prepared and executed under the direction of an appropriate California-licensed professional. At a minimum, the Plan shall document the areas proposed for sampling, the procedures for sample collection, the laboratory analytical methods to be used, and the pertinent regulatory threshold levels for determining proper excavation, handling, and, if necessary, treatment or disposal of any contaminated soils. The Plan shall be submitted to the CPUC for review and approval at least 30 days before the commencement of construction. Results of the laboratory testing and recommended resolutions for excavation, handling, dust control, and treatment/disposal of material found to exceed regulatory requirements shall be submitted to the CPUC at least one week prior to construction activities in the area to be disturbed. The analytical results of the soil sampling investigation shall be evaluated with regard to California/USEPA's California Human Health Screening Levels (CHHSLs)	SCE and its contractors to implement measure as defined.	SCE to submit Soil Sampling and Analysis Plan to CPUC for review and approval. SCE to submit results of soil sampling and recommended resolutions to CPUC. CPUC mitigation monitor to monitor compliance.	Submit plan to CPUC for review at least 30 days prior to commencement of construction activities. Submit results of soil sampling and recommended resolutions to CPUC for review at least one week prior to commencement of construction activities in the area to be disturbed.

TABLE 3-1 (Continued)
MITIGATION MONITORING, REPORTING AND COMPLIANCE PROGRAM FOR THE MASCOT SUBSTATION PROJECT

Environmental Impact	Mitigation Measures Proposed in this IS/MND	Implementing Actions	Monitoring/Reporting Requirements	Timing
Hazards and Hazardous Materials (cont.)				
Accidental Release (cont.)	for industrial/commercial land use. If soil contaminants exceed these preliminary screening levels, further site characterization, risk assessment, or remediation would be necessary, as described in the Department of Toxic Substances Control Preliminary Endangerment Assessment Guidance Manual. SCE shall implement appropriate handling and disposal procedures for any excavated materials containing elevated levels of contaminants. Prior to disturbing additional contaminated soil, SCE shall prepare and submit a health and safety plan that is approved by a certified industrial hygienist to address handling, treatment, and/or disposal options. Personnel working around, handling, and disposing of contaminated soil shall meet the federal Occupational Health and Safety Administration (OSHA) requirement for the 40-hour Hazardous Waste Operations and Emergency Response Standards as specified in Title 29, Section 1910.120, of the Code of Federal Regulations. The investigation results, and health and safety plan if needed, shall be submitted for review and approval by the appropriate regulatory agencies i.e., Department of Toxic Substances Control and/or Regional Water Quality Control Board). SCE shall submit to the CPUC copies of correspondence with regulatory agencies including the health and safety plan and any approvals.			During excavation and treatment/disposal of contaminated soil/material.
Hydrology and Water Quality				
	No mitigation required.			
Land Use and Planning				
	No mitigation required.			
Mineral Resources				
	No mitigation required.			
Noise				
Construction Noise	Mitigation Measure 3.11-1: Construction activity shall be limited to between the hours of 7:00 a.m. and 7:00 p.m., Monday through Friday and limited to between the hours of 8:00 a.m. and 7:00 p.m., on Saturdays, with some exceptions (as approved by the CPUC and Kings County) as required for safety considerations or certain construction procedures that cannot be interrupted.	SCE and its contractors to implement measure as defined.	CPUC mitigation monitor to monitor compliance.	During all phases of construction activities.
	Mitigation Measure 3.11-2: In the event that nighttime (i.e., between 7:00 p.m. and 7:00 a.m. on weekdays and between 8:00 p.m. and 7:00 a.m. on Saturdays) construction activity is determined to be necessary within 500 feet of an occupied residential dwelling unit, a nighttime noise reduction plan shall be developed by	SCE and its contractors to implement measure as defined.	SCE to submit nighttime noise reduction plan to CPUC and Kings County for review and approval.	Submit plan to CPUC and Kings County prior to commencing any nighttime construction activities.

TABLE 3-1 (Continued)
MITIGATION MONITORING, REPORTING AND COMPLIANCE PROGRAM FOR THE MASCOT SUBSTATION PROJECT

Environmental Impact	Mitigation Measures Proposed in this IS/MND	Implementing Actions	Monitoring/Reporting Requirements	Timing
Noise (cont.)				
Construction Noise (cont.)	<p>SCE and submitted to the CPUC and the County for review and approval. The noise reduction plan shall include a set of site-specific noise attenuation measures that apply state of the art noise reduction technology to ensure that nighttime construction noise levels and associated nuisance are reduced to the most extent feasible. The attenuation measures may include, but not be limited to, the control strategies and methods for implementation that are listed below. If any of the following strategies are found by SCE to not be feasible or warranted, an explanation as to why the specific strategy is not feasible or warranted shall be included in the nighttime noise reduction plan.</p> <ul style="list-style-type: none"> • Plan construction activities to minimize the amount of nighttime construction. • Offer temporary relocation of residents within 200 feet of nighttime construction areas. • Temporary noise barriers, such as shields and/or blankets, shall be installed immediately adjacent to all nighttime stationary noise sources (e.g., auger rigs, generators, pumps, etc.) that block the line of sight between nighttime activities and the closest residences. 		CPUC mitigation monitor to monitor compliance.	During all phases of construction that include nighttime construction activities.
Population and Housing				
No mitigation required.				
Public Services				
No mitigation required.				
Recreation				
No mitigation required				
Transportation and Traffic				
Construction Traffic	<p>Mitigation Measure 3.15-1: SCE shall prepare a Traffic Management and Control Plan that shall include, at a minimum, the measures listed below. The Plan shall be submitted to the CPUC for approval at least 30 days prior to the start of construction and shall be distributed to all construction crew members prior to commencement of construction activities. The Plan shall:</p> <ul style="list-style-type: none"> • Include descriptions of work hours, haul routes, work area delineation, any traffic detour routes, bicyclists and pedestrian detour routes, traffic control, and flagging; • Identify all access and parking restriction and signage requirements; 	SCE and its contractors to implement measure as defined.	SCE to submit Traffic Management Plan and documentation showing agency approval to CPUC. CPUC mitigation monitor to monitor compliance.	Prior to commencement of construction activities. During all phases of construction.

TABLE 3-1 (Continued)
MITIGATION MONITORING, REPORTING AND COMPLIANCE PROGRAM FOR THE MASCOT SUBSTATION PROJECT

Environmental Impact	Mitigation Measures Proposed in this IS/MND	Implementing Actions	Monitoring/Reporting Requirements	Timing
Transportation and Traffic (cont.)				
Construction Traffic (cont.)	<ul style="list-style-type: none"> Require workers to park personal vehicles at the approved staging areas and take only necessary project vehicles to the work sites; Lay out plans for notifications of all lane and road closures and a process for communication with affected road users, including truckers, residents, and landowners prior to the start of construction. Advance public notification shall be provided at least one to two weeks in advance of each lane and road closure and 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/parking areas would be blocked on which days and for how long), and a toll-free telephone number for receiving questions or complaints; Include plans to coordinate all construction activities with emergency service providers in the area. Emergency service providers would be notified of the timing, location, and duration of construction activities at least one week in advance of each lane and road closure. All roads would remain passable to emergency service vehicles at all times; and <p>Identify all roadway locations where special construction techniques (e.g., night construction) would be used to minimize impacts to traffic flow.</p>			
	<p>Mitigation Measure 3.15-2: Coordination with San Joaquin Valley Railroad. SCE shall coordinate all construction activities with the San Joaquin Valley Railroad Company to avoid delays in freight train service in the vicinity of the proposed subtransmission line crossing. SCE shall implement, at a minimum, all San Joaquin Valley Railroad Company safety and engineering guidelines when installing the subtransmission line over the railroad right-of-way (ROW). All construction crews and project personnel shall be trained on San Joaquin Valley Railroad Company safety guidelines prior to commencing work within or over the railroad ROW.</p>	SCE and its contractors to implement measure as defined.	SCE to submit documentation to CPUC showing compliance with San Joaquin Valley Railroad Company safety and engineering guidelines. CPUC mitigation monitor to monitor compliance.	During all phases of construction involving wire installation within or over the railroad ROW.
Utilities and Service Systems				
No mitigation required.				