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January 23, 2018

Lisa Orsaba
Project Manager
California Public Utilities Commission
505 Van Ness Avenue
San Francisco, CA 94102

Re: Monthly Report Summary #2 for the Mesa 500-kV Substation Project

Dear Ms. Orsaba,

This report provides a summary of the compliance monitoring activities that occurred during the period from **November 1 to 30, 2017**, for the Mesa 500-kV Substation (Mesa Substation) Project in Los Angeles County, California. Compliance monitoring was performed to ensure that all project-related activities conducted by Southern California Edison (SCE) and their contractors are in compliance with the requirements of the Final Environmental Impact Report (Final EIR) for the Mesa Substation Project, as adopted by the California Public Utilities Commission (CPUC) on February 9, 2017.

The CPUC has issued the following Notices to Proceed (NTPs) for the Mesa Substation Project to SCE:

- NTP #1 (September 27, 2017) – Vegetation removal and grading, waterline relocation, Operating Industries Incorporated (OII) well removal, and various line relocations (transmission, subtransmission, distribution, and telecommunications).
- NTP #2 (November 15, 2017) – Remaining construction components, including vegetation removal and grading, and the removal, replacement, relocation, modification and/or construction of perimeter and retaining walls, Mechanical Electrical Equipment Rooms (MEERs), operations and test and maintenance buildings, storm drains, lattice steel towers, various poles, underground trenches, concrete foundations, and associated components. Equipment modification at 29 satellite substations.

Onsite compliance monitoring by the Ecology and Environment, Inc. (E & E) compliance team during this reporting period focused on spot-checks of ongoing construction activities. Compliance Monitor Vince Semonsen visited the Mesa Substation construction sites on November 3, 7, 14, and 21, 2017. Site inspection reports that summarize observed construction activities and compliance events and verify mitigation measures (MMs) and applicant proposed measures (APMs) were completed for the site visits. These reports are attached below (Attachment 1).

Overall, the Mesa Substation Project has maintained compliance with the Mitigation Monitoring, Compliance, and Reporting Program's (MMCRP) Compliance Plan. Communication between the CPUC/E & E compliance team and SCE has been regular and effective; the correspondence discussed and documented compliance events, upcoming compliance-related surveys and deliverables, and the construction schedule. Agency calls between CPUC/E & E and SCE, along with daily schedule updates and database notifications, provided additional compliance information and construction summaries. Furthermore, SCE's monthly compliance status report for November 2017 provided a compliance

summary and included a description of construction activities from November 1 to 30, 2017, a detailed look-ahead construction schedule, a summary of compliance with Mesa Substation Project commitments (MMs/APMs) for biological resources, cultural and paleontological resources, the Storm Water Pollution Prevention Plan (SWPPP), noise, and the Worker Environmental Awareness Program (WEAP), non-compliance issues and resolutions, and public complaints and notifications.

Compliance Incidents

During the November 2017 reporting period, several compliance incidents occurred. Compliance incidents include:

- November 1, 2017: A Tier 1 drill rig was brought onsite prior to notifying the CPUC. MM AQ-1 states that any equipment that is not compliant with Tier 3 or Tier 4 standards may be allowed onsite on a case-by-case basis, but only after a review of due diligence documentation by the CPUC. Due diligence documentation was procured, but was not provided to the CPUC until January 12, 2018.
- November 6, 2017: A Tier 1 hydraulic power unit was brought onsite prior to notifying the CPUC. MM AQ-1 states that any equipment that is not compliant with Tier 3 or Tier 4 standards may be allowed onsite on a case-by-case basis, but only a after review of due diligence documentation by the CPUC. Due diligence documentation was procured, but was not provided to the CPUC until January 12, 2018.
- November 7, 2017: Kiewit installed inadequate wildlife exclusionary fencing around the Kiewit jack-and-bore pit. There were several large gaps at the bottom of the fence. No wildlife were observed in the pit. This incident conflicts with MM BR-10, which requires wildlife exclusionary fencing to be installed around open trenches and excavations.
- November 7, 2017: Vantage installed an inadequate wildlife cover over a horizontal directional drilling (HDD) pit. There was a large gap between the edge of the plate and the ground. No wildlife were observed in the HDD pit. This incident conflicts with MM BR-10, which requires wildlife exclusionary fencing be installed around open trenches and excavations.
- November 8, 2017: Vantage installed an inadequate wildlife cover over an HDD pit. There were two large gaps between the edge of the plate and the ground. No wildlife were observed in the HDD pit. This incident conflicts with MM BR-10, which requires wildlife exclusionary fencing be installed around open trenches and excavations.
- November 12, 2017: Power Grade conducted unscheduled work within the southeast area of the Mesa Substation Project site (north of the Market Place work area and south of the Existing Mesa Substation), within occupied coastal California gnatcatcher habitat. A front loader, a water truck, and two haul trucks were observed tracking through vegetation and removing gravel from a stock pile in an area that had not receive a pre-construction clearance sweep and was not identified in the Plan of the Day (POD). This incident conflicts with MM BR-1, which requires pre-construction clearance sweeps, and APM BIO-3 and MM BR-9, which require construction monitoring by a biologist.
- November 14, 2017: A Power Grade excavator removed nonnative grass, and a Power Grade bulldozer removed a mulefat shrub and nonnative vegetation at Areas 1G and 1K before the areas had been cleared and without a biological monitor present. The incident was not within any special status species habitat and was completely within approved disturbance limits, with no further impacts visible. This incident conflicts with MM BR-1, which requires pre-construction clearance sweeps, and APM BIO-3 and MM BR-9, which require construction monitoring by a biologist.
- November 15, 2017:Aa Michels (Power Grade subcontractor) bulldozer removed nonnative vegetation prior to a pre-construction clearance sweep at the SCE transmission area north of Potrero Grande Drive, without a biological monitor present. The incident was not within any

special status species habitat and was completely within approved disturbance limits. This incident conflicts with MM BR-1, which requires pre-construction clearance sweeps, and APM BIO-3 and MM BR-9, which require construction monitoring by a biologist.

- November 21, 2017: A Golden State crew removed the wildlife exclusionary fencing around the Kiewit jack-and-bore pit and began working in the pit prior to a pre-construction clearance sweep. The incident was not within any special status species habitat and was completely within approved disturbance limits. This incident conflicts with MM BR-1, which requires pre-construction clearance sweeps, and MM BR-10 which requires a biologist to inspect wildlife exclusionary fencing.
- November 22, 2017: A Power Grade front loader and rock truck removed vegetation piles at the SCE transmission area southeast of the Mesa Substation site prior to a pre-construction clearance sweep and without a biological monitor present. The incident was not within any special status species habitat and was completely within approved disturbance limits. Additionally, the trucks impacted nonnative vegetation surrounding the vegetation piles. This incident conflicts with MM BR-1, which requires pre-construction clearance sweeps, and APM BIO-3 and MM BR-9, which require construction monitoring by a biologist.
- November 30, 2017: A Power Grade excavator removed vegetation at Area 1K prior to a pre-construction clearance sweep and without a biological monitor present. The incident was not within any special status species habitat and was completely within approved disturbance limits. This incident conflicts with MM BR-1, which requires pre-construction clearance sweeps, and APM BIO-3 and MM BR-9, which require construction monitoring by a biologist.

Additionally, 11 minor spills/leaks were self-reported by SCE. These incidents were dealt with in a timely manner.

Public Concerns

SCE received two emails from the same individual inquiring about the scope of the Mesa Substation Project and, specifically, any impacts the Mesa Substation Project may have to their health. SCE responded to the emails in a timely manner and provided information about the Mesa Substation Project and the measures that SCE employs to reduce public exposure to electric and magnetic fields.

Minor Approvals

During November 2017, there were no email or Minor Project Change approvals.

Sincerely,

Jenny Vick
Project Manager, Ecology and Environment, Inc.

cc:
Lori Rangel, SCE
Don Dow, SCE

ATTACHMENT 1

CPUC Site Inspection Report

November 3, 7, 14, and 21 2017

Mesa 500–kV Substation Project
CPUC Site Inspection Form

Project:	Mesa 500-kV Substation Project	**Date:**	November 3, 2017
Project Proponent:	Southern California Edison	**Report #:**	VS007
Lead Agency:	California Public Utilities Commission	**Monitor(s):**	Vince Semonsen
CPUC PM:	Lisa Orsaba, Energy Division	**AM/PM Weather:**	Overcast and cool with a slight breeze
E & E CM:	Jenny Vick	**Start/End Time:**	0830 to 1230
Project NTP(s):	NTP-1, NTP-2		

SITE INSPECTION CHECKLIST (Based on monitor's observations during site visit; responses do not imply that monitor observed all staff, crews, and parts of the project during this inspection)

Worker Environmental Awareness Program (WEAP) Training	Yes	No	N/A
Is the WEAP training in place and does it appear to have been completed by all new hires (construction and monitors)?	X		
Erosion and Dust Control (Air and Water Quality)	Yes	No	N/A
Have temporary erosion and sediment control measures (BMPs) been installed?	X		
Are erosion and sediment control measures (BMPs) properly installed (without apparent deficiencies) and functioning as intended during rain events?	X		
Are measures in place to avoid/minimize mud tracking onto public roadways, in accordance with the project's SWPPP?	X		
Is dust control being implemented (i.e., access roads watered, haul trucks covered, dirt piles are tarped, streets cleaned on a regular basis)?	X		
Are work areas being effectively watered prior to excavation or grading?	X		
Are measures in place to stabilize soils and effectively suppress fugitive dust?	X		
Equipment	Yes	No	N/A
Are observed vehicles maintaining a speed limit of 15 mph on unpaved roads?	X		
Are observed vehicles/equipment arriving onsite clean of sediment or plant debris?	X		
Are observed vehicles/equipment turned off when not in use?	X		
Work Areas	Yes	No	N/A
Is vegetation disturbance within work areas minimized?	X		
Is exclusionary fencing or flagging in place to protect sensitive biological or cultural resources?	X		
Are observed vehicles, equipment, and construction personnel staying within approved work areas and on approved roads?	X		
Are excavations and trenches covered at the end of the day?	X		
Are wildlife escape ramps installed at 100-foot intervals with ramps not exceeding 2:1 slopes?			X

Biology	Yes	No	N/A
Have preconstruction surveys been completed for biological (wildlife, nesting birds, coastal California gnatcatcher, least Bell's vireo) resources, as appropriate?	X		
Are biological monitors present onsite?	X		
Are appropriate measures in place to protect sensitive habitat and/or drainages (i.e., flagging, signage, exclusion fencing, biological monitor, appropriate buffer distance enacted)?	X		
Has wildlife been relocated from work areas? If yes, describe below.		X	
Have impacts occurred to adjacent habitat (sensitive or non-sensitive)? If yes, describe below.		X	
Did you observe any threatened or endangered species? If yes, describe below.		X	
If there are wetlands or water bodies near construction activities, are adequate measures in place to avoid impacts to these features?			X
Have there been any work stoppages for biological resources? If yes, describe below.		X	
Cultural and Paleontological Resources	Yes	No	N/A
Are identified cultural/paleo resources that will not be relocated/salvaged clearly marked for exclusion?			X
Are archaeological and paleontological monitors onsite, if needed?	X		
Are appropriate buffers maintained around sensitive resources (e.g. cultural sites)?			X
Have there been any work stoppages for cultural/paleo resources? If yes, describe below.		X	
Hazardous Materials	Yes	No	N/A
Are hazardous materials that are stored or used on site properly managed?	X		
Are procedures in place to prevent spills and accidental releases?	X		
Are required fire prevention and control measures in place?	X		
Are contaminated soils properly managed for onsite storage or offsite disposal?	X		
Work Hours and Noise	Yes	No	N/A
Are required night lighting reduction measures in place?			X
Is construction occurring within approved hours?	X		
Are required noise control measures in place?			X

AREAS MONITORED (i.e., structure numbers, yards, or substations)

The Mesa 500-kV Substation (Mesa Substation) and the Transmission Corridor north of Potrero Grande Drive.

DESCRIPTION OF OBSERVED ACTIVITIES (i.e., mitigation measures of particular focus or concern, construction activity, any discussions with first-party monitors or construction crews)

I arrived onsite at 0830 and participated in a short tailboard meeting. After the meeting, I walked to the Mesa Substation site.

The old drainage channel runs from east to west and is located just south of the Mesa Substation entrance. Crews were working their way up the old drainage to remove all vegetation and were chipping it onsite (Photo 1). This work requires a morning clearance survey and spot-checking by a biological monitor (APM-BIO-03, MM BR-1, MM BR-9).

At the Kiewit jack-and-bore pit within the Mesa Substation site, crews were excavating the bore pit and using metal plates to cover the hole (Photos 2 and 3). Paleontological monitor Bobby Ebelhar (Paleo Solutions) was onsite and spot-checking this excavation work (MM CR-4).

Extensive earthwork was being conducted within the western portion of the Mesa Substation site. A dozer was moving soil near the northern border, and a water truck was following close behind (APM-AIR-01, MM HY-1) (Photos 4 and 5). Equipment was also being used in the detention basin area (MM HY-3, MM HY-4) (Photo 6). The culvert in the western portion of the Mesa Substation site had been completely backfilled.

New tubular steel poles (TSPs) had been installed along the southern border of the Mesa Substation site, and I observed crews stringing wire onto the new towers and temporary wooden poles (Photo 7).

The SCE crew staging area near the southern border of the Mesa Substation site was being used to stockpile the old tower structures (Photo 8). I saw biological monitor Ben Smith (ICF) near the SCE crew staging area where he had just observed and photographed some coastal California gnatcatchers while spot-checking the various sites within the Mesa Substation site. We discussed buffers for coastal California gnatcatchers and other bird species, if and when they start nesting. Ben Smith has extensive experience with setting up buffers for bird species.

At the MarketPlace storm drain area, crews were installing drain pipes (Photo 9). Biological monitor Matt Daniele (ICF) was monitoring the work due to the presence of the coastal California gnatcatchers in this area, which he said he sees almost every day in this area (APM-BIO-04, MM BR-2). Matt Daniele pointed out a male coastal California gnatcatcher while I was there. Most of the construction equipment was parked when I was at this location, and I assumed it was because it was lunchtime (Photo 10).

The grinding equipment continued to process the old concrete and rocky debris excavated from the Mesa Substation site (Photo 11). A water truck was at this location to control dust (APM-AIR-01).

At the Kiewit jack-and-bore pit exit hole area, located north of Potrero Grande Drive, crews were preparing the site, delivering gravel, and installing metal beams (Photo 12). Kiewit had delivered trailers and numerous pieces of equipment to their staging yard north of Potrero Grande Drive (Photos 13 and 15).

Other activities taking place north of Potrero Grande Drive included the preparation work for the installation of a new tower (Photo 14).

MITIGATION MEASURES VERIFIED (Refer to MMCRP, e.g., MM BR-9. Report only on MMs pertinent to your observations today)

All project personnel appear to have gone through the Worker Environmental Awareness Program (WEAP) training (MM BR-5).
See the mitigation measures (MMs) listed in the observed activities descriptions.

RECOMMENDED FOLLOW-UP (i.e., items to check on next visit, minor issues to resolve)

COMPLIANCE SUGGESTIONS OR ADDITIONAL OBSERVATIONS (i.e., suggestions to improve compliance on-site, environmental observations of note)

COMPLIANCE SUMMARY

Below please describe any non-compliance issues or new biological/cultural discoveries that have occurred since your last visit. If you observe a non-compliance issue in the field, please note this on the monitoring datasheet, and for non-compliance Level 2 or 3 fill out and submit a separate Non-Compliance Report Form to E & E Compliance Manager. Inform E & E CM of any non-compliance incidents.

☐ New biological or cultural discovery requiring compliance with mitigation measures, permit conditions, etc. If checked, please describe discovery and documentation/verification below.

☐ Non-compliance Level 1: An action that deviates from project requirements or results in the partial implementation of the mitigation measures, but has not caused, or has the potential to cause impacts on environmental resources. If you checked this box, describe the incident below and follow-up to ensure correction.

☐ Non-compliance Level 2: An action that deviates from project requirements or mitigation measures that has caused, or has the potential to cause minor impacts on environmental resources. A non-compliance Level 2 situation may occur when Level 1 incidents are repeated, and show a trend toward placing resources at unnecessary risk. If you checked this box, please fill out a Non-Compliance Report.

☐ Non-compliance Level 3: An action that deviates from project requirements and has caused, or has the potential to cause major impacts on environmental resources. These actions are not in compliance with the APMs, mitigation measures, permit conditions, approval requirements (e.g. minor project changes, notice to proceed), and/or violates local, state, or federal law. Examples include irreparable damage to archaeological sites, destruction of active bird nests, and grading of unapproved vegetated areas. A non-compliance Level 3 may also be issued if Level 2 incidents are repeated. If you checked this box, please fill out a Non-Compliance Report.

☐ Non-compliance issues reported by SCE: Were there any new non-compliance issues reported by SCE monitors since your last visit? If so, describe issues and resolution and include SCE report identification number.

Date	Non-compliance Issue and Resolution	Relevant Mitigation Measure	NC Report #

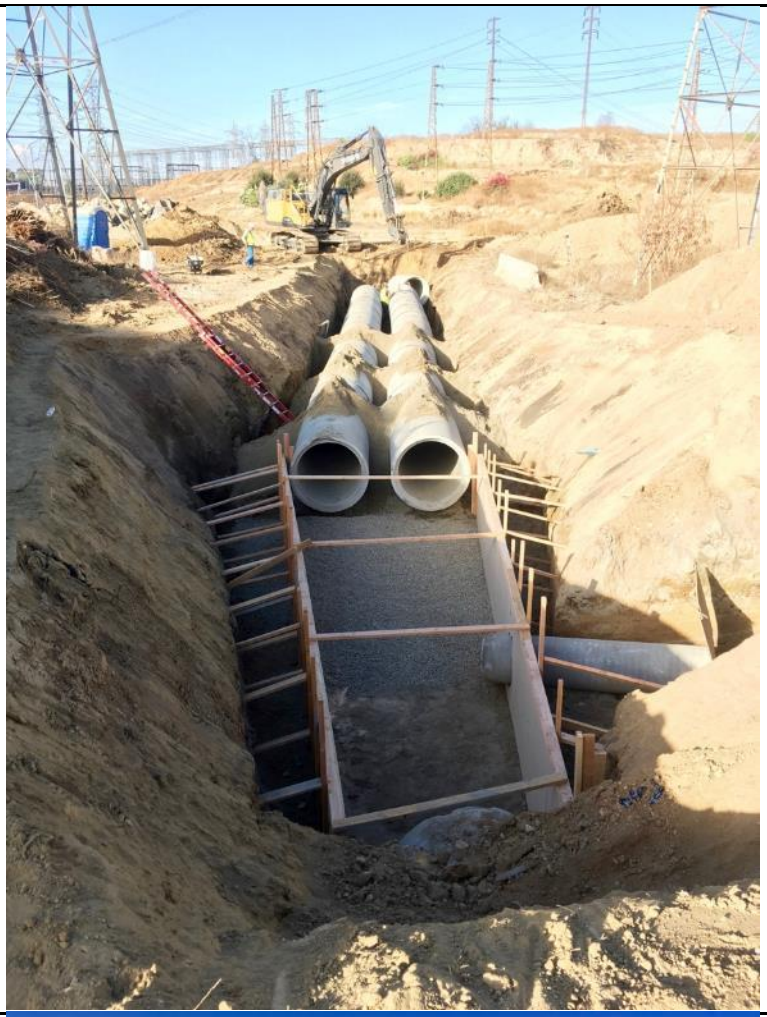
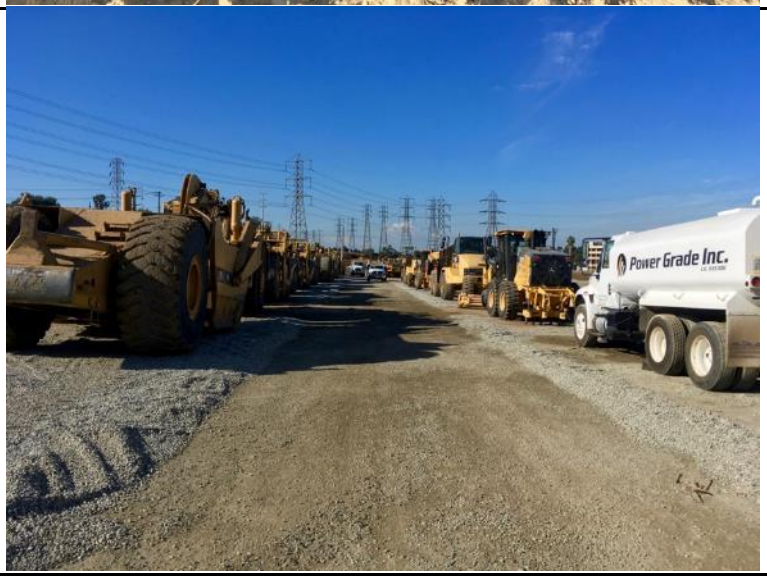
PREVIOUS NON-COMPLIANCE ITEMS REQUIRING FOLLOW-UP OR RESOLVED TODAY:

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
11/03/17	Mesa Substation Site		Photo 1 – Vegetation clearing and chipping in the old drainage channel. Photo facing east.
11/03/17	Mesa Substation Site, Kiewit Jack-and-Bore Pit		Photo 2 – Kiewit boring operation; excavation of the jack-and-bore pit. Photo facing east.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
11/03/17	Mesa Substation Site; Kiewit Jack-and-Bore Pit		Photo 3 – Kiewit jack-and-bore pit.
11/03/17	Mesa Substation Site		Photo 4 – Earthwork taking place near the hotel in the western portion of the Mesa Substation site. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
11/03/17	Mesa Substation Site		Photo 5 – Dust control. Photo facing west.
11/03/17	Mesa Substation Site		Photo 6 – Earthwork within the detention basin. Photo facing south.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
11/03/17	Mesa Substation Site		Photo 7 – Stringing the new poles. Photo facing southeast.
11/03/17	Mesa Substation Site		Photo 8 – SCE crew staging area. Photo facing north.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
11/03/17	Mesa Substation Site; Market Place Storm Drain Area		Photo 9 – Drainage pipes being installed. Photo facing west.
11/03/17	Mesa Substation Site		Photo 10 – Parked equipment. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
11/03/17	Mesa Substation Site		Photo 11 – Grinding equipment and water truck.
11/03/17	Kiewit Jack-and-Bore Pit Exit Hole		Photo 12 – Site preparation. Photo facing west.
11/03/17	Mesa Substation Site		Photo 13 – Kiewit trailers and staging yard north of Potrero Grande Drive. Photo facing south.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
11/03/17	Mesa Substation Site		Photo 14 – Site preparation for a new transmission tower in the area north of Potrero Grande Drive. Photo facing southwest.
11/03/17	Mesa Substation Site, Kiewit Staging Yard		Photo 15 – More equipment and vehicles being delivered into the Kiewit staging yard north of Potrero Grande Drive. Photo facing east.

Mesa 500–kV Substation Project
CPUC Site Inspection Form

Project:	Mesa 500-kV Substation Project	**Date:**	November 7, 2017
Project Proponent:	Southern California Edison	**Report #:**	VS008
Lead Agency:	California Public Utilities Commission	**Monitor(s):**	Vince Semonsen
CPUC PM:	Lisa Orsaba, Energy Division	**AM/PM Weather:**	Partly cloudy and cool with a slight breeze
E & E CM:	Jenny Vick	**Start/End Time:**	0815 to 1100
Project NTP(s):	NTP-1, NTP-2		

SITE INSPECTION CHECKLIST (Based on monitor's observations during site visit; responses do not imply that monitor observed all staff, crews, and parts of the project during this inspection)

Worker Environmental Awareness Program (WEAP) Training	Yes	No	N/A
Is the WEAP training in place and does it appear to have been completed by all new hires (construction and monitors)?	X		
Erosion and Dust Control (Air and Water Quality)	Yes	No	N/A
Have temporary erosion and sediment control measures (BMPs) been installed?	X		
Are erosion and sediment control measures (BMPs) properly installed (without apparent deficiencies) and functioning as intended during rain events?	X		
Are measures in place to avoid/minimize mud tracking onto public roadways, in accordance with the project's SWPPP?	X		
Is dust control being implemented (i.e., access roads watered, haul trucks covered, dirt piles are tarped, streets cleaned on a regular basis)?	X		
Are work areas being effectively watered prior to excavation or grading?	X		
Are measures in place to stabilize soils and effectively suppress fugitive dust?	X		
Equipment	Yes	No	N/A
Are observed vehicles maintaining a speed limit of 15 mph on unpaved roads? ***Except for the scrappers.***	X		
Are observed vehicles/equipment arriving onsite clean of sediment or plant debris?	X		
Are observed vehicles/equipment turned off when not in use?	X		
Work Areas	Yes	No	N/A
Is vegetation disturbance within work areas minimized?	X		
Is exclusionary fencing or flagging in place to protect sensitive biological or cultural resources?	X		
Are observed vehicles, equipment, and construction personnel staying within approved work areas and on approved roads?	X		
Are excavations and trenches covered at the end of the day?		X	

Are wildlife escape ramps installed at 100-foot intervals with ramps not exceeding 2:1 slopes?			X
Biology	Yes	No	N/A
Have preconstruction surveys been completed for biological (wildlife, nesting birds, coastal California gnatcatcher, least Bell's vireo) resources, as appropriate?	X		
Are biological monitors present onsite?	X		
Are appropriate measures in place to protect sensitive habitat and/or drainages (i.e., flagging, signage, exclusion fencing, biological monitor, appropriate buffer distance enacted)?	X		
Has wildlife been relocated from work areas? If yes, describe below.		X	
Have impacts occurred to adjacent habitat (sensitive or non-sensitive)? If yes, describe below.		X	
Did you observe any threatened or endangered species? If yes, describe below.		X	
If there are wetlands or water bodies near construction activities, are adequate measures in place to avoid impacts to these features?			X
Have there been any work stoppages for biological resources? If yes, describe below.		X	
Cultural and Paleontological Resources	Yes	No	N/A
Are identified cultural/paleo resources that will not be relocated/salvaged clearly marked for exclusion?			X
Are archaeological and paleontological monitors onsite, if needed?	X		
Are appropriate buffers maintained around sensitive resources (e.g. cultural sites)?			X
Have there been any work stoppages for cultural/paleo resources? If yes, describe below.		X	
Hazardous Materials	Yes	No	N/A
Are hazardous materials that are stored or used on site properly managed?	X		
Are procedures in place to prevent spills and accidental releases?	X		
Are required fire prevention and control measures in place?	X		
Are contaminated soils properly managed for onsite storage or offsite disposal?	X		
Work Hours and Noise	Yes	No	N/A
Are required night lighting reduction measures in place?			X
Is construction occurring within approved hours?	X		
Are required noise control measures in place?			X

AREAS MONITORED (i.e., structure numbers, yards, or substations)

The Mesa 500-kV Substation (Mesa Substation), the Kiewit jack-and-bore pit, and the Transmission Corridor north of Potrero Grande Drive.

DESCRIPTION OF OBSERVED ACTIVITIES (i.e., mitigation measures of particular focus or concern, construction activity, any discussions with first-party monitors or construction crews)

I arrived onsite at 0815 and walked to the Mesa Substation site. I noted the concrete washout near the site's entry/exit (MM HZ-3). The concrete washout was well labeled, and the plastic bin had been covered overnight to prevent birds from becoming attracted to the water (Photo 1).

Grinding equipment was processing the old concrete and rocky debris excavated from the Mesa Substation site (Photo 2), and a water truck was present for dust control (APM-AIR-01, MM HY-1).

At the Kiewit jack-and-bore pit within the Mesa Substation site, crews were digging out the bore pit and using metal plates to support the sides of the borehole (Photo 3). The Kiewit foreman, Jason Steele, said the crew had reached about 25 feet of the 30-foot depth required for the boring operation. Paleontological monitor Bobby Ebelhar (Paleo Solutions) was onsite and spot-checking the excavation work (MM CR-4). Bobby Ebelhar said the bore pit had reached the old alluvium deposit; therefore, he did not anticipate seeing any paleontological material.

Earthwork appears to have been completed along the northwestern portion of the Mesa Substation site between the Kiewit jack-and-bore pit and the hotel (Photo 4). Work was ongoing just east of the detention basin (Photo 5) and within the detention basin (MM HY-3, MM HY-4) (Photo 7). The earthwork uncovered a deep (approximately 20 feet) and fairly large (3 to 4 feet in diameter) hole (possibly a well) that crews had flagged and covered with plywood (Photo 6). The lining of the hole appeared to be made of brick or concrete block. I spoke with the Mesa Substation Project Coordinator Pete Lubich (ULM Services, Inc.) about this hole and he said that the crew had discovered it the day before. Because they could not identify the structure or determine its use, it would be investigated and eventually dug out. Pete Lubich added that crews had uncovered a similar structure earlier in the project; this structure had been dug out and the material was sent for testing. I asked that the crew seal the edges of the plywood covering the hole to prevent small animals from falling inside and becoming injured or trapped (MM BR-10). Pete Lubich asked if this was necessary, given the lack of any habitat around the hole and the fact that no sensitive species (other than coastal California gnatcatchers) had been observed onsite. I explained that a variety of animals move through the site, and this mitigation measure is in place is to protect all species.

As the new tubular steel poles (TSPs) were being installed along the southern border of the Mesa Substation site, crews were removing the old towers (Photo 8).

At the MarketPlace area, crews were backfilling the drainage pipes they had installed for the storm drain (Photo 9). Biological monitor Matt Daniele (ICF) continued to monitor this work due to the presence of coastal California gnatcatchers in the area (APM-BIO-04, MM BR-2). Matt Daniele said that he expected to be at this location for another two weeks.

Tree removal and vegetation grinding had moved to the eastern portion of the Mesa Substation site (Photos 10 and 11). Biological monitor Eric Willems (ICF) was spot-checking the tree removal and other construction activities (APM-BIO-03, MM BR-1, MM BR-9). I asked the crew member cutting down the trees if he had observed any animals. He replied that he had seen only lizards and spiders.

North of Potrero Grande Drive, where a new tower was being constructed, best management practices (BMPs) had been installed on the newly constructed tower pad (MM HY-1) (Photo 13). The exit/entry onto Potrero Grande Drive from this construction site was very dusty and had no rock or rumble plates installed (APM-AIR-01) (Photo 12).

At the Kiewit jack-and-bore pit exit hole, located north of Potrero Grande Drive, crews continued to prepare the site (Photo 14). Screening material has been installed on the boundary fence (MM AES-1).

MITIGATION MEASURES VERIFIED (Refer to MMCRP, e.g., MM BR-9. Report only on MMs pertinent to your observations today)

All project personnel appear to have been through the Worker Environmental Awareness Program (WEAP) training (MM BR-5). See the mitigation measures (MMs) listed in the observed activities.

RECOMMENDED FOLLOW-UP (i.e., items to check on next visit, minor issues to resolve)

Check on the covering and eventual removal of the potential well discovered in the northwestern portion of the Mesa Substation site.
Check on upgrading the exit/entrance into the Transmission Corridor north of Potrero Grande Drive.

COMPLIANCE SUGGESTIONS OR ADDITIONAL OBSERVATIONS (i.e., suggestions to improve compliance on-site, environmental observations of note)

COMPLIANCE SUMMARY
Below please describe any non-compliance issues or new biological/cultural discoveries that have occurred since your last visit. If you observe a non-compliance issue in the field, please note this on the monitoring datasheet, and for non-compliance Level 2 or 3 fill out and submit a separate Non-Compliance Report Form to E & E Compliance Manager. Inform E & E CM of any non-compliance incidents.

☐ New biological or cultural discovery requiring compliance with mitigation measures, permit conditions, etc. If checked, please describe discovery and documentation/verification below.

☐ Non-compliance Level 1: An action that deviates from project requirements or results in the partial implementation of the mitigation measures, but has not caused, or has the potential to cause impacts on environmental resources. If you checked this box, describe the incident below and follow-up to ensure correction.

☐ Non-compliance Level 2: An action that deviates from project requirements or mitigation measures that has caused, or has the potential to cause minor impacts on environmental resources. A non-compliance Level 2 situation may occur when Level 1 incidents are repeated, and show a trend toward placing resources at unnecessary risk. If you checked this box, please fill out a Non-Compliance Report.

☐ Non-compliance Level 3: An action that deviates from project requirements and has caused, or has the potential to cause major impacts on environmental resources. These actions are not in compliance with the APMs, mitigation measures, permit conditions, approval requirements (e.g. minor project changes, notice to proceed), and/or violates local, state, or federal law. Examples include irreparable damage to archaeological sites, destruction of active bird nests, and grading of unapproved vegetated areas. A non-compliance Level 3 may also be issued if Level 2 incidents are repeated. If you checked this box, please fill out a Non-Compliance Report.

☐ Non-compliance issues reported by SCE: Were there any new non-compliance issues reported by SCE monitors since your last visit? If so, describe issues and resolution and include SCE report identification number.

Date	Non-compliance Issue and Resolution	Relevant Mitigation Measure	NC Report #

PREVIOUS NON-COMPLIANCE ITEMS REQUIRING FOLLOW-UP OR RESOLVED TODAY:

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
11/07/17	Mesa Substation Site		Photo 1 – Labeled concrete washout area.
11/07/17	Mesa Substation Site		Photo 2 – Grinding operation with an excavator and water truck. Photo facing south.
11/07/17	Mesa Substation Site, Kiewit Jack-and-Bore Pit		Photo 3 – Kiewit jack-and-bore pit where crews were getting close to the 30-foot depth.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
11/07/17	Mesa Substation Site		Photo 4 – Earthwork near the hotel in the western portion of the Mesa Substation site appears to be complete. Photo facing west.
11/07/17	Mesa Substation Site		Photo 5 – Earthwork equipment. Photo facing south
11/07/17	Mesa Substation Site		Photo 6 – A potential abandoned well that was discovered by the crew and then flagged and covered.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
11/07/17	Mesa Substation Site		Photo 7 – Equipment working in the detention basin. Photo facing northwest.
11/07/17	Mesa Substation Site		Photo 8 – Removal of old towers.
11/07/17	Mesa Substation Site, Market Place Area		Photo 9 – Drainage pipes being backfilled, with additional concrete pour still to be completed. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
11/07/17	Mesa Substation Site		Photo 10 – Chipping vegetation. Photo facing east.
11/07/17	Mesa Substation Site		Photo 11 – Tree removal along Potrero Grande Drive. Photo facing north.
11/07/17	Kiewit Jack-and-Bore Pit Exit Hole Area		Photo 12 – Entry/exit off of Potrero Grande Drive and into the Transmission Corridor.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
11/07/17	Mesa Substation Site		Photo 13 – A new tower being constructed. Slopes of the new pad have been stabilized with BMPs. Photo facing west.
11/07/17	Mesa Substation Site, Kiewit Jack-and-Bore Pit		Photo 14 – Site preparation for the Kiewit jack-and-bore pit exit hole. Screening has been installed on the fencing. Photo facing west.

Mesa 500–kV Substation Project
CPUC Site Inspection Form

Project:	Mesa 500-kV Substation Project	**Date:**	November 14, 2017
Project Proponent:	Southern California Edison	**Report #:**	VS009
Lead Agency:	California Public Utilities Commission	**Monitor(s):**	Vince Semonsen
CPUC PM:	Lisa Orsaba, Energy Division	**AM/PM Weather:**	Hazy sunshine and mild temperatures with a slight breeze
E & E CM:	Jenny Vick	**Start/End Time:**	1030 to 1300
Project NTP(s):	NTP-1, NTP-2		

SITE INSPECTION CHECKLIST (Based on monitor's observations during site visit; responses do not imply that monitor observed all staff, crews, and parts of the project during this inspection)

Worker Environmental Awareness Program (WEAP) Training	Yes	No	N/A
Is the WEAP training in place and does it appear to have been completed by all new hires (construction and monitors)?	X		
Erosion and Dust Control (Air and Water Quality)	Yes	No	N/A
Have temporary erosion and sediment control measures (BMPs) been installed?	X		
Are erosion and sediment control measures (BMPs) properly installed (without apparent deficiencies) and functioning as intended during rain events?	X		
Are measures in place to avoid/minimize mud tracking onto public roadways, in accordance with the project's SWPPP?	X		
Is dust control being implemented (i.e., access roads watered, haul trucks covered, dirt piles are tarped, streets cleaned on a regular basis)?	X		
Are work areas being effectively watered prior to excavation or grading?	X		
Are measures in place to stabilize soils and effectively suppress fugitive dust?	X		
Equipment	Yes	No	N/A
Are observed vehicles maintaining a speed limit of 15 mph on unpaved roads? ***Except for the scrappers.***	X		
Are observed vehicles/equipment arriving onsite clean of sediment or plant debris?	X		
Are observed vehicles/equipment turned off when not in use?	X		
Work Areas	Yes	No	N/A
Is vegetation disturbance within work areas minimized?	X		
Is exclusionary fencing or flagging in place to protect sensitive biological or cultural resources?	X		
Are observed vehicles, equipment, and construction personnel staying within approved work areas and on approved roads?	X		
Are excavations and trenches covered at the end of the day?	X		

Are wildlife escape ramps installed at 100-foot intervals with ramps not exceeding 2:1 slopes?			X
Biology	Yes	No	N/A
Have preconstruction surveys been completed for biological (wildlife, nesting birds, coastal California gnatcatcher, least Bell's vireo) resources, as appropriate?	X		
Are biological monitors present onsite?	X		
Are appropriate measures in place to protect sensitive habitat and/or drainages (i.e., flagging, signage, exclusion fencing, biological monitor, appropriate buffer distance enacted)?	X		
Has wildlife been relocated from work areas? If yes, describe below.		X	
Have impacts occurred to adjacent habitat (sensitive or non-sensitive)? If yes, describe below.		X	
Did you observe any threatened or endangered species? If yes, describe below.		X	
If there are wetlands or water bodies near construction activities, are adequate measures in place to avoid impacts to these features?			X
Have there been any work stoppages for biological resources? If yes, describe below.		X	
Cultural and Paleontological Resources	Yes	No	N/A
Are identified cultural/paleo resources that will not be relocated/salvaged clearly marked for exclusion?			X
Are archaeological and paleontological monitors onsite, if needed?	X		
Are appropriate buffers maintained around sensitive resources (e.g. cultural sites)?			X
Have there been any work stoppages for cultural/paleo resources? If yes, describe below.		X	
Hazardous Materials	Yes	No	N/A
Are hazardous materials that are stored or used on site properly managed?	X		
Are procedures in place to prevent spills and accidental releases?	X		
Are required fire prevention and control measures in place?	X		
Are contaminated soils properly managed for onsite storage or offsite disposal?	X		
Work Hours and Noise	Yes	No	N/A
Are required night lighting reduction measures in place?			X
Is construction occurring within approved hours?	X		
Are required noise control measures in place?			X

AREAS MONITORED (i.e., structure numbers, yards, or substations)

The Mesa 500-kV Substation (Mesa Substation), the Kiewit jack-and-bore pit, and the Transmission Corridor north of Potrero Grande Drive.

DESCRIPTION OF OBSERVED ACTIVITIES (i.e., mitigation measures of particular focus or concern, construction activity, any discussions with first-party monitors or construction crews)

I arrived onsite at 1030 and walked to the Mesa Substation site. I observed a bulldozer clearing debris out of the old drainage channel (Photo 1). Biological monitor Eric Willems (ICF) was overseeing this work and spot-checking other construction activities (APM-BIO-03, MM BR-1, MM BR-9).

I observed a concrete truck being washed out within the designated area (MM HZ-3) (Photo 2).

At the Kiewit jack-and-bore pit, I signed in on their Job Safety Analysis (JSA) and attended a brief tailboard meeting with several SCE representatives, including their Environmental Project Manager Lori Rangel. Kiewit had brought in some boring equipment (Photo 3) and were nearing their needed drilling depth (Photo 4).

Numerous scrapers continued earthmoving activities in the area just east of the detention basin (Photo 5). Water trucks were following the earthmoving equipment (APM-AIR-01, MM HY-1). Surveyors were staking the detention basin and the crew was using equipment to shape the sides of the basin (MM HY-3, MM HY-4) (Photo 6).

Along the southern border of the Mesa Substation site, crews had removed some of the old tower foundations (Photo 7) and continued to drill, set, and pour the new concrete foundations (Photos 8 and 9). During the pour, plastic was laid down and crews were careful not to spill concrete.

The grinding equipment had been relocated to the SCE crew staging area along with the piles of debris and concrete (Photo 10).

At the MarketPlace storm drain area, crews were preparing the site for riprap below the culverts (Photo 11) and had nearly completed the concrete work at the headwall (Photo 12). Biological monitor Matt Daniele (ICF) continued to monitor the work due to the presence of the coastal California gnatcatchers in this area (APM-BIO-04, MM BR-2). Matt Daniele said it seemed that there were fewer coastal California gnatcatchers in the area; this would make sense, given the amount of vegetation that had been removed.

While crossing Potrero Grande Drive, I noted that a sweeper was working both the length and width of the street. The new tower within the Transmission Corridor was being erected (Photo 13). The access road to this area still did not have any exit/entry best management practices (BMPs) (APM AIR-01); however, a large sign had been painted and installed on the gate instructing vehicles not to exit the site at this location (Photo 14).

At the Kiewit jack-and-bore pit exit hole area, located north of Potrero Grande Drive, crews were preparing the area and digging the exit hole (Photo 15).

Before leaving the Mesa Substation site, I spoke with the Mesa Project Coordinator Peter Lubich (ULM Services, Inc.) about the large bricked hole that had been discovered the previous week. He said that a crew had pumped out the water, excavated the hole, and placed the material onsite in sealed bins for testing.

MITIGATION MEASURES VERIFIED (Refer to MMCRP, e.g., MM BR-9. Report only on MMs pertinent to your observations today)

All project personnel appear to have gone through the Worker Environmental Awareness Program (WEAP) training (MM BR-5).
See the mitigation measures (MMs) listed in the observed activities.

RECOMMENDED FOLLOW-UP (i.e., items to check on next visit, minor issues to resolve)

COMPLIANCE SUGGESTIONS OR ADDITIONAL OBSERVATIONS (i.e., suggestions to improve compliance on-site, environmental observations of note)

Even with much of the vegetation removed from the Mesa Substation site, large amounts of mammal scat are regularly observed, along with a number of bird species including California towhee, white-crowned sparrow, Say's phoebe, lesser goldfinch, red-tailed hawk, mockingbird, and house finch.

COMPLIANCE SUMMARY

Below please describe any non-compliance issues or new biological/cultural discoveries that have occurred since your last visit. If you observe a non-compliance issue in the field, please note this on the monitoring datasheet, and for non-compliance Level 2 or 3 fill out and submit a separate Non-Compliance Report Form to E & E Compliance Manager. Inform E & E CM of any non-compliance incidents.

☐ New biological or cultural discovery requiring compliance with mitigation measures, permit conditions, etc. If checked, please describe discovery and documentation/verification below.

☐ Non-compliance Level 1: An action that deviates from project requirements or results in the partial implementation of the mitigation measures, but has not caused, or has the potential to cause impacts on environmental resources. If you checked this box, describe the incident below and follow-up to ensure correction.

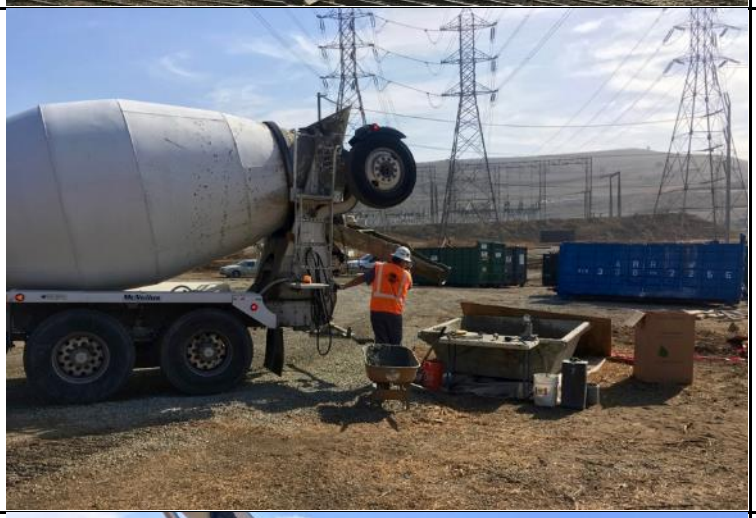
☐ Non-compliance Level 2: An action that deviates from project requirements or mitigation measures that has caused, or has the potential to cause minor impacts on environmental resources. A non-compliance Level 2 situation may occur when Level 1 incidents are repeated, and show a trend toward placing resources at unnecessary risk. If you checked this box, please fill out a Non-Compliance Report.

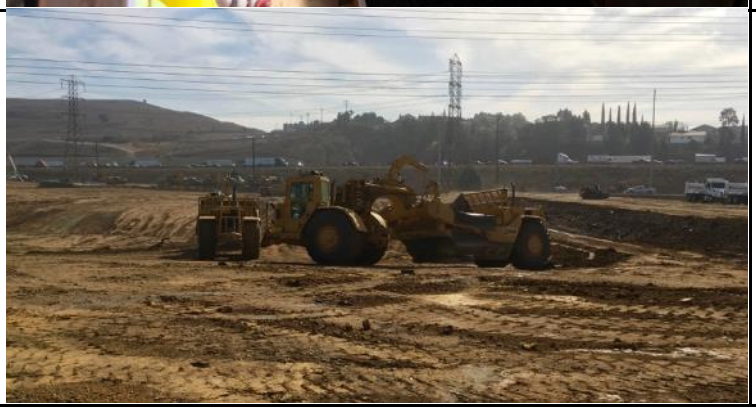
☐ Non-compliance Level 3: An action that deviates from project requirements and has caused, or has the potential to cause major impacts on environmental resources. These actions are not in compliance with the APMs, mitigation measures, permit conditions, approval requirements (e.g. minor project changes, notice to proceed), and/or violates local, state, or federal law. Examples include irreparable damage to archaeological sites, destruction of active bird nests, and grading of unapproved vegetated areas. A non-compliance Level 3 may also be issued if Level 2 incidents are repeated. If you checked this box, please fill out a Non-Compliance Report.

☐ Non-compliance issues reported by SCE: Were there any new non-compliance issues reported by SCE monitors since your last visit? If so, describe issues and resolution and include SCE report identification number.

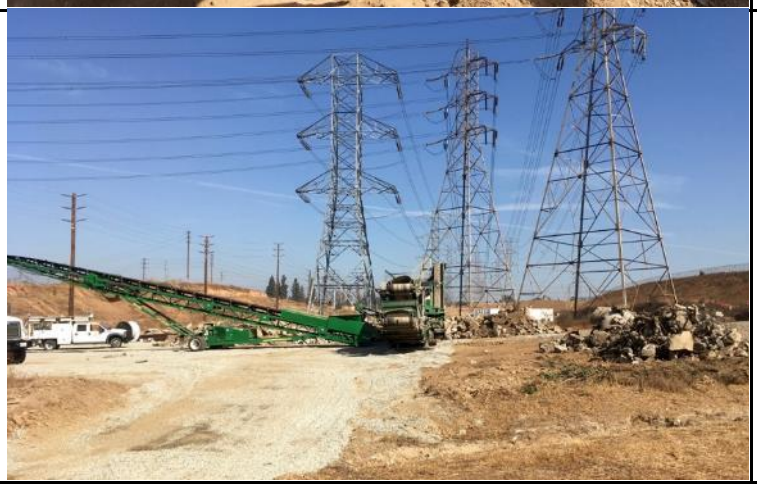
Date	Non-compliance Issue and Resolution	Relevant Mitigation Measure	NC Report #

PREVIOUS NON-COMPLIANCE ITEMS REQUIRING FOLLOW-UP OR RESOLVED TODAY:

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
11/14/17	Mesa Substation Site		Photo 1 – Equipment continues to clear the old drainage channel. Photo facing south.
11/14/17	Mesa Substation Site		Photo 2 – Concrete truck being washed out within the designated area. Photo facing south.
11/14/17	Mesa Substation Site, Kiewit Jack-and-Bore Pit		Photo 3 – Boring equipment has been brought onsite.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
11/14/17	Mesa Substation Site, Entry Pit		Photo 4 – Kiewit jack-and-bore pit; getting close to the 30-foot depth.
11/14/17	Mesa Substation Site		Photo 5 – Equipment moving soil. Photo facing south.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
11/14/17	Mesa Substation Site		Photo 6 – Detention basin. Photo facing east.
11/14/17	Mesa Substation Site		Photo 7 – Removal of the old tower foundations.
11/14/17	Mesa Substation Site		Photo 8 – Crews working on drilling and setting the forms for the new concrete foundations.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
11/14/17	Mesa Substation Site		Photo 9 – A newly poured foundation leg.
11/14/17	Mesa Substation Site		Photo 10 – Grinding operation. Photo facing east.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
11/14/17	Mesa Substation Site, Market Place Storm Drain		Photo 11 – Preparation for riprap installation. Photo facing southwest.
11/14/17	Mesa Substation Site, Market Place Storm Drain		Photo 12 – Culvert headwall coming into the site.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
11/14/17	Mesa Substation Site, Transmission Corridor		Photo 13 – New tower construction continues. Photo facing west.
11/14/17	Mesa Substation Site, Transmission Corridor		Photo 14 – The exit/entry has no BMPs; however, a sign has been posted instructing vehicles not to exit at this site. Photo facing southeast.
11/14/17	Mesa Substation Site, Kiewit Jack-and-Bore Site		Photo 15 – Site preparation and excavation of the Kiewit jack-and-bore exit hole. Photo facing west.

Mesa 500–kV Substation Project
CPUC Site Inspection Form

Project:	Mesa 500-kV Substation Project	**Date:**	November 21, 2017
Project Proponent:	Southern California Edison	**Report #:**	VS010
Lead Agency:	California Public Utilities Commission	**Monitor(s):**	Vince Semonsen
CPUC PM:	Lisa Orsaba, Energy Division	**AM/PM Weather:**	Sunny and warm with a slight breeze
E & E CM:	Jenny Vick	**Start/End Time:**	1100 to 1300
Project NTP(s):	NTP-1, NTP-2		

SITE INSPECTION CHECKLIST (Based on monitor's observations during site visit; responses do not imply that monitor observed all staff, crews, and parts of the project during this inspection)

Worker Environmental Awareness Program (WEAP) Training	Yes	No	N/A
Is the WEAP training in place and does it appear to have been completed by all new hires (construction and monitors)?	X		
Erosion and Dust Control (Air and Water Quality)	Yes	No	N/A
Have temporary erosion and sediment control measures (BMPs) been installed?	X		
Are erosion and sediment control measures (BMPs) properly installed (without apparent deficiencies) and functioning as intended during rain events?	X		
Are measures in place to avoid/minimize mud tracking onto public roadways, in accordance with the project's SWPPP?	X		
Is dust control being implemented (i.e., access roads watered, haul trucks covered, dirt piles are tarped, streets cleaned on a regular basis)?		X	
Are work areas being effectively watered prior to excavation or grading?	X		
Are measures in place to stabilize soils and effectively suppress fugitive dust?		X	
Equipment	Yes	No	N/A
Are observed vehicles maintaining a speed limit of 15 mph on unpaved roads? ***Except for the scrappers.***	X		
Are observed vehicles/equipment arriving onsite clean of sediment or plant debris?	X		
Are observed vehicles/equipment turned off when not in use?	X		
Work Areas	Yes	No	N/A
Is vegetation disturbance within work areas minimized?	X		
Is exclusionary fencing or flagging in place to protect sensitive biological or cultural resources?	X		
Are observed vehicles, equipment, and construction personnel staying within approved work areas and on approved roads?	X		
Are excavations and trenches covered at the end of the day?	X		
Are wildlife escape ramps installed at 100-foot intervals with ramps not exceeding 2:1 slopes?	X		

Biology	Yes	No	N/A
Have preconstruction surveys been completed for biological (wildlife, nesting birds, coastal California gnatcatcher, least Bell's vireo) resources, as appropriate?	X		
Are biological monitors present onsite?	X		
Are appropriate measures in place to protect sensitive habitat and/or drainages (i.e., flagging, signage, exclusion fencing, biological monitor, appropriate buffer distance enacted)?	X		
Has wildlife been relocated from work areas? If yes, describe below.		X	
Have impacts occurred to adjacent habitat (sensitive or non-sensitive)? If yes, describe below.		X	
Did you observe any threatened or endangered species? If yes, describe below.		X	
If there are wetlands or water bodies near construction activities, are adequate measures in place to avoid impacts to these features?			X
Have there been any work stoppages for biological resources? If yes, describe below.		X	
Cultural and Paleontological Resources	Yes	No	N/A
Are identified cultural/paleo resources that will not be relocated/salvaged clearly marked for exclusion?			X
Are archaeological and paleontological monitors onsite, if needed?	X		
Are appropriate buffers maintained around sensitive resources (e.g. cultural sites)?			X
Have there been any work stoppages for cultural/paleo resources? If yes, describe below.		X	
Hazardous Materials	Yes	No	N/A
Are hazardous materials that are stored or used on site properly managed?	X		
Are procedures in place to prevent spills and accidental releases?	X		
Are required fire prevention and control measures in place?	X		
Are contaminated soils properly managed for onsite storage or offsite disposal?	X		
Work Hours and Noise	Yes	No	N/A
Are required night lighting reduction measures in place?			X
Is construction occurring within approved hours?	X		
Are required noise control measures in place?			X

AREAS MONITORED (i.e., structure numbers, yards, or substations)

The Mesa 500-kV Substation (Mesa Substation), the Kiewit jack-and-bore pit, and the Transmission Corridor north of Potrero Grande Drive and south of Highway 60.

DESCRIPTION OF OBSERVED ACTIVITIES (i.e., mitigation measures of particular focus or concern, construction activity, any discussions with first-party monitors or construction crews)

I arrived onsite at 1100. A crew was conducting earthmoving activities just east of the detention basin using four scrapers, two bulldozers, a motorgrader, and several water trucks (APM-AIR-01, MM HY-1) (Photo 1). Some earthmoving was taking place around the detention basin, but it appeared to be nearing completion (MM HY-3, MM HY-4) (Photo 3). ICF biological monitor Jenni Snibbe was onsite and spot-checking all of the construction activities (APM-BIO-03, MM BR-1, MM BR-9). Paleontological monitor Bobby Ebelhar (Paleo Solutions) was spot-checking various excavation work (MM CR-4).

At the Kiewit jack-and-bore pit, crews were setting up to begin the bore (Photo 2). Conditions around the bore site were generating dust and needed to be watered for dust minimization (APM-AIR-01).

Tower foundations were being drilled and poured along the southern border of the Mesa Substation site (Photos 4 and 5). Work in this area was also generating dust and should have been receiving regular watering (APM-AIR-01).

It appeared that the old tower foundations had been brought to the SCE crew staging area where the grinding equipment was located (Photo 6).

At the MarketPlace area, crews were moving soil and working on the drainage piping for the storm drain (Photo 7). Biological monitor Matt Daniele continued to monitor the work and said he was still seeing coastal California gnatcatchers in this area (APM-BIO-04, MM BR-2).

At the Kiewit jack-and-bore pit exit hole area, located north of Potrero Grande Drive, construction materials were being delivered and a box had been recently installed (Photo 8). Crews were working on the exit hole (Photo 9). The entire area was dusty and the crew should have been using dust control best management practices (BMPs). Exit ramps appear adequate at both the exit hole and the newly installed box (MM BR-10).

The new tower located north of Potrero Grande Drive appeared to be completely installed and had wires in place (Photo 10). This area was also dusty.

Southwest of the main Mesa Substation site, across Highway 60 (Photo 11), I noted extensive construction work being conducted. Concrete was being poured for new tower foundations (MM HZ-3) (Photo 12) and crews were removing some of the old towers (Photo 13). This area had several piles of spoil that needed BMPs.

MITIGATION MEASURES VERIFIED (Refer to MMCRP, e.g., MM BR-9. Report only on MMs pertinent to your observations today)

All project personnel appear to have gone through the Worker Environmental Awareness Program (WEAP) training (MM BR-5).
See the mitigation measures (MMs) listed in the observed activities.

RECOMMENDED FOLLOW-UP (i.e., items to check on next visit, minor issues to resolve)

Dust control throughout the Mesa Substation site; I discussed the need for additional "end of the day" dust control with Mesa Project Coordinator Pete Lubich (ULM Services, Inc.), especially with the upcoming holiday weekend.

COMPLIANCE SUGGESTIONS OR ADDITIONAL OBSERVATIONS (i.e., suggestions to improve compliance on-site, environmental observations of note)

At the end of the work day, a the Mesa Substation site should be thoroughly watered for dust control.

COMPLIANCE SUMMARY

Below please describe any non-compliance issues or new biological/cultural discoveries that have occurred since your last visit. If you observe a non-compliance issue in the field, please note this on the monitoring datasheet, and for non-compliance Level 2 or 3 fill out and submit a separate Non-Compliance Report Form to E & E Compliance Manager. Inform E & E CM of any non-compliance incidents.

☐ New biological or cultural discovery requiring compliance with mitigation measures, permit conditions, etc. If checked, please describe discovery and documentation/verification below.

☐ Non-compliance Level 1: An action that deviates from project requirements or results in the partial implementation of the mitigation measures, but has not caused, or has the potential to cause impacts on environmental resources. If you checked this box, describe the incident below and follow-up to ensure correction.

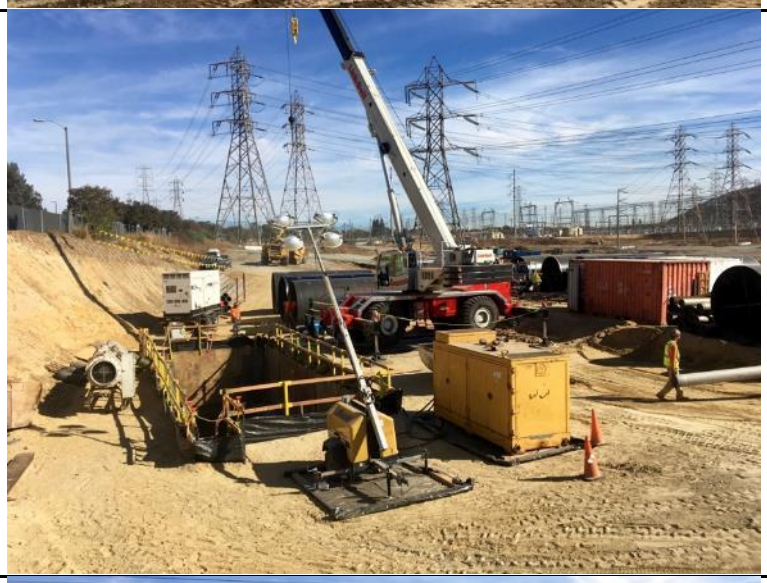
☐ Non-compliance Level 2: An action that deviates from project requirements or mitigation measures that has caused, or has the potential to cause minor impacts on environmental resources. A non-compliance Level 2 situation may occur when Level 1 incidents are repeated, and show a trend toward placing resources at unnecessary risk. If you checked this box, please fill out a Non-Compliance Report.

☐ Non-compliance Level 3: An action that deviates from project requirements and has caused, or has the potential to cause major impacts on environmental resources. These actions are not in compliance with the APMs, mitigation measures, permit conditions, approval requirements (e.g. minor project changes, notice to proceed), and/or violates local, state, or federal law. Examples include irreparable damage to archaeological sites, destruction of active bird nests, and grading of unapproved vegetated areas. A non-compliance Level 3 may also be issued if Level 2 incidents are repeated. If you checked this box, please fill out a Non-Compliance Report.

☐ Non-compliance issues reported by SCE: Were there any new non-compliance issues reported by SCE monitors since your last visit? If so, describe issues and resolution and include SCE report identification number.

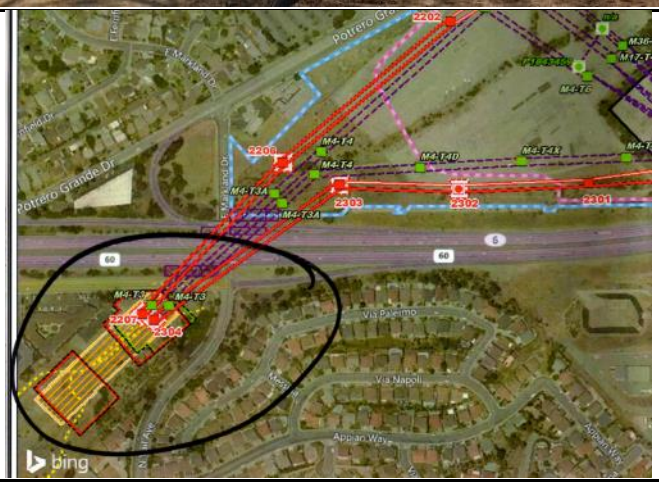
Date	Non-compliance Issue and Resolution	Relevant Mitigation Measure	NC Report #

PREVIOUS NON-COMPLIANCE ITEMS REQUIRING FOLLOW-UP OR RESOLVED TODAY:

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
11/21/17	Mesa Substation Site		Photo 1 – Crews working at the Mesa Substation site. Photo facing south.
11/21/17	Mesa Substation Site, Kiewit Jack-and-Bore Pit		Photo 2 – Boring operation nearly underway. Photo facing east.
11/21/17	Mesa Substation Site		Photo 3 – Detention basin. Photo facing south.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
11/21/17	Mesa Substation Site		Photo 4 – New tower foundations. Photo facing east.
11/21/17	Mesa Substation Site		Photo 5 – Newly poured foundation; note the loose soil generating dust. Photo facing west.
11/21/17	Mesa Substation Site		Photo 6 – Concrete grinding area with stockpiled materials. Photo facing east.
11/21/17	Mesa Substation Site		Photo 7 – Market Place area; installation of drainage pipes.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
11/21/17	Mesa Substation Site, Kiewit Jack-and-Bore Pit Exit Hole		Photo 8 – Newly installed box in the Kiewit jack-and-bore pit exit hole area.
11/21/17	Mesa Substation Site, Kiewit Jack-and-Bore Pit Exit Hole		Photo 9 – Work continues on the boring exit hole. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
11/21/17	Mesa Substation Site		Photo 10 – New tower installation. Photo facing southwest.
11/21/17	Mesa Substation Site, South of Highway 60		Photo 11 – Extensive construction activity is taking place in the circled portion of this photo, which is southwest of the main area of the Mesa Substation site and across Highway 60.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
11/21/17	Mesa Substation Site, South of Highway 60		Photo 12 – Tower foundations are being poured.
11/21/17	Mesa Substation Site South of Highway 60		Photo 13 – Old towers are being removed. Photo facing northeast.