ecology and environment, inc.
Global Environmental Specialists
505 Sansome Street, Suite 300
San Francisco, California 94111
Tel: (415) 398-5326, Fax (415) 398-5326

October 8, 2018

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

Re: Monthly Report Summary #10 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 **August 1 to 31, 2018**, for the Mesa 500-kilovolt (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 comply 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, water line 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 **August 8, 16, 21, and 28, 2018**. 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 the 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 August 2018 provided a compliance summary and included a description of construction activities from August 1 to 31, 2018, 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 August 2018 reporting period, SCE did not self-report any compliance incidents. CPUC issued one Level 2 Non-Compliance Report (NCR).

- On August 20, 2018, CPUC issued a Level 2 NCR for the following incidents related to compliance with MM BR-3. On March 6, 2018, SCE received delivery of the B-bank transformers for the 66-kV switchracks, which were already oil-filled. The week of July 24, 2018, SCE contractors oiled the A-bank transformers for the 66-kV switchracks. MM HZ-3 requires SCE to submit the Spill Prevention, Countermeasure, and Control (SPCC) plan to CPUC at least 30 days prior to delivery of any additional transformer oil to the site. SCE failed to submit the SPCC plan to CPUC at least 30 days prior to delivery of the oiled B-bank transformers and the oiling of the A-bank transformers. Since these events constituted the arrival of "additional transformer oil to the site," and SCE failed to provide the SPCC plan to CPUC within 30 days prior to each event, SCE was in noncompliance with MM HZ-3. In response to this NCR, SCE updated their SPCC plan and submitted a revised version to CPUC for review. CPUC approved the updated plan on September 7, 2018.

In addition, the following minor compliance incidents were documented by the CPUC Compliance Monitor:

- On August 8, 2018, the CPUC Compliance Monitor observed trash in the area of the Transmission Corridor north of Potrero Grande Drive. There was also no trash bin in the area.
- On August 16 and 21, 2018, the CPUC Compliance Monitor observed that the wooden escape ramps installed within the trench for the Potrero Grande Drive horizontal directional drilling (HDD) were too narrow and positioned at too steep an angle to be effective. Other portions of the same trench had no escape ramps. The trench was backfilled shortly after this situation was brought to SCE's attention.

Noise Compliance

During the August 2018 reporting period, there were no exceedances of the stipulated noise levels.

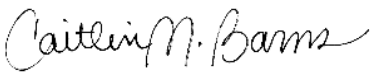
Public Concerns

There were no public concerns during August 2018.

Minor Approvals

During August 2018, there were no email or Minor Project Change approvals.

Sincerely,



Caitlin Barns
Project Manager, Ecology and Environment, Inc.

cc:
Lori Rangel, SCE
Don Dow, SCE

ATTACHMENT 1

CPUC Site Inspection Reports

August 8, 16, 21, and 28, 2018

Mesa 500-kV Substation Project
CPUC Site Inspection Form

Project:	Mesa 500-kV Substation Project	**Date:**	August 8, 2018
Project Proponent:	Southern California Edison	**Report #:**	VS035
Lead Agency:	California Public Utilities Commission	**Monitor(s):**	Vince Semonsen
CPUC PM:	Lisa Orsaba, Energy Division	**AM/PM Weather:**	Clear, hot, and breezy
E & E CM:	Caitlin Barns	**Start/End Time:**	0930 to 1200
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 scrapers.***	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 Substation site, the storm drainage pipe, the Market Place horizontal directional drilling (HDD), 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 at the Mesa Substation site at 0930. I informed Mesa Project Coordinator Pete Lubich (ULM Services, Inc.) that I was onsite.

At the Senior Mechanical Electrical Equipment Room (MEER), steel girders were being installed within the building (Photo 1).

A concrete pour was taking place for the 220-kV switchrack foundations, with trucks washing out in the approved bins (Photos 2 and 4). Additional switchrack foundations were excavated and had earthen escape ramps in place (MM BR-10) (Photo 3).

Work was being conducted on the storm drain system, with a focus on the installation of the manholes (Photos 5 and 7). Drainage pipes were covered and the escape ramps were maintained while the trenches were open.

Construction was ongoing within the 66-kV switchrack area (Photo 6).

Water trucks were regularly spraying the Mesa Substation site to control dust (APM-AIR-01, MM HY-1).

Riprap was being brought into the detention basin and placed near the main culvert coming into the detention basin (Photo 8). The riprap was coming from the Market Place storm drain outfall area, and removal was being completed with an excavator (Photo 10).

Weed growth on the banks of the detention basin is a concern, as the weeds are becoming established and beginning to set seed. It is an optimal time of year for weed removal, since it is outside of the nesting bird season.

A storm drain lateral line was being installed near the western end of the Mesa Substation site near the Markland Drive area (Photo 9).

At the Market Place HDD, a small drilling rig was set up to pull the conduit through a large plastic pipe. All equipment was well contained (Photos 11 and 12).

The partially covered hole noted during a previous site visit had been sealed with plywood, rock, and pieces of asphalt (Photo 13).

At the Mesa Operations Building Site, the installation of pipe/conduit continued (Photo 14). I observed paleontological monitor Olivia Terk (Paleo Solutions) monitoring the excavation activities in this area.

Trenching and conduit installation was being conducted along the Transmission Corridor north of Potrero Grande Drive (Photo 15). I noted a lot of trash in the area, and there was no trash bin to collect it in. In addition, the work area needed dust control, and there were no escape ramps in the trenches. I sent a text to Mesa Project Coordinator Pete Lubich (ULM Services, Inc.) about my concerns with work in this area. According to the biological monitors, wooden escape ramps were installed before the end of the day.

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)

Escape ramps and dust control.

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

Weed removal on the banks of the detention basin.

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.

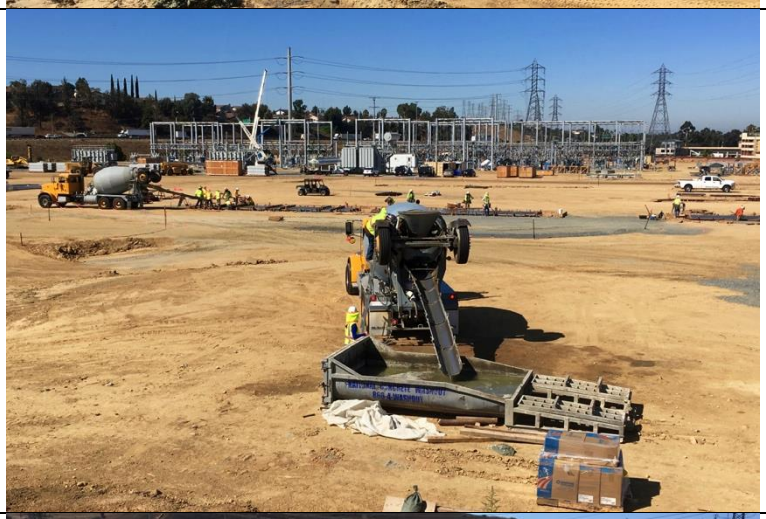
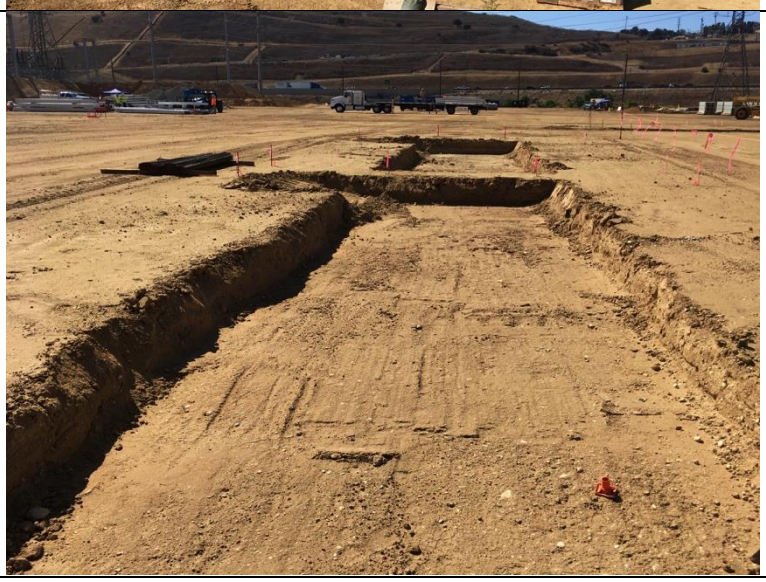
☐ Non-Compliance Level 2: An action that deviates from project requirements or mitigation measures that has caused, or has the potential to cause minor impacts on environmental resources. A non-compliance Level 2 situation may occur when Level 1 incidents are repeated, and show a trend toward placing 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**
08/08/18	Mesa Substation		Photo 1 – The Senior MEER with steel beams going in. Photo facing south.
08/08/18	Mesa Substation		Photo 2 – Concrete trucks are washing out after pouring the 220-kV switchrack foundations. Photo facing west.
08/08/18	Mesa Substation		Photo 3 – Excavations for additional 220-kV switchrack foundations. Photo facing south.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
08/08/18	Mesa Substation		Photo 4 – Crews pouring the 220-kV switchrack foundations. Photo facing south.
08/08/18	Mesa Substation		Photo 5 – Storm drain trench remains open. Photo facing north.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
08/08/18	Mesa Substation		Photo 6 – 66-kV switchrack area. Photo facing south.
08/08/18	Mesa Substation		Photo 7 – Manhole work. Photo facing south.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
08/08/18	Mesa Substation		Photo 8 – Detention basin with riprap being brought in. Weeds on the slopes are becoming established and setting seed. Photo facing west.
08/08/18	Mesa Substation		Photo 9 – Storm drain lateral lines being installed near Markland Drive.
08/08/18	Mesa Substation		Photo 10 – Removal of riprap from the Market Place storm drain outfall. Photo facing southwest.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
08/08/18	Mesa Substation		Photo 11 – Market Place HDD work pulling conduit. Photo facing east.
08/08/18	Mesa Substation		Photo 12 – Market Place HDD operation, with a small drilling rig pulling conduit. Photo facing south.
08/08/18	Mesa Substation		Photo 13 – Covered hole near the eastern project entrance now sealed. Photo facing north.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
08/08/18	Mesa Substation		Photo 14 – Mesa Operations Building Site, excavating trenches, installing conduit and rebar. Photo facing north.
08/08/18	Mesa Substation		Photo 15 – Conduit trenching and installation within the Transmission Corridor north of Potrero Grande Drive. Photo facing west.

Mesa 500–kV Substation Project
CPUC Site Inspection Form

Project:	Mesa 500-kV Substation Project	**Date:**	August 16, 2018
Project Proponent:	Southern California Edison	**Report #:**	VS036
Lead Agency:	California Public Utilities Commission	**Monitor(s):**	Vince Semonsen
CPUC PM:	Lisa Orsaba, Energy Division	**AM/PM Weather:**	Clear, hot, and breezy
E & E CM:	Caitlin Barns	**Start/End Time:**	1400 to 1600
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 scrapers.***	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 Substation site, the storm drainage pipe, the Market Place horizontal directional drilling (HDD), 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 at the Mesa Substation site at 1400. I informed Mesa Project Coordinator Pete Lubich (ULM Services, Inc.) that I was onsite.

Construction on the Senior Mechanical Electrical Equipment Room (MEER) continues (Photo 1).

After my arrival, the wind had picked up and was gusting up to 10 miles per hour (mph); water trucks were providing dust control at the Mesa Substation site, including the spoil piles (APM-AIR-01, MM HY-1).

Work was being conducted on the storm drain manholes (Photo 2).

Excavation was being conducted for the conduit lines coming in from the Potrero Grande Drive HDD (Photo 3). Most of the conduit trenches were excavated with a large ditch witch that digs a deep, straight-walled trench (Photo 5). It is difficult to install earthen escape ramps in these trenches; therefore, boards were used in a variety of configurations to create an escape ramp (Photo 4). These boards may not work very well for a number of animal species; however, fewer animals have been observed utilizing the Mesa Substation site. The monitors have been checking the trenches every morning and they have not observed any animals; therefore, at this point in the project, the boards are adequate (MM BR-10).

The detention basin remained in the same condition as my last site visit, with some riprap installed and weeds remaining on the slopes (Photo 6).

Installation work was being conducted at the 66-kV switchrack area (Photo 7) and excavation and foundation work was being conducted on the 220-kV switchrack area (Photo 9).

A geotechnical company was onsite and installing new water monitoring wells (Photo 8). A drilling crew was operating near the western end of the Mesa Substation site. The oversight geologist said they were down to 165 feet.

Crews were working on the storm drain manholes (Photo 10).

With the riprap gone, the Market Place rainwater runoff had entered the Mesa Substation site and had drained into an earthen catch basin (Photos 11 and 12). It appeared that the water and mud had filled the catch basin and was then pumped out. Floats had been attached to the intake hose to keep the hose out of the mud. Water hoses were still connected to the Market Place HDD conduit, but they were not currently circulating water through the storm drain (Photo 13).

Work at the Mesa Operations Building Site was continuing, with installation of the pipe and conduit.

Crews were trenching and installing conduit along the Transmission Corridor north of Potrero Grande Drive (Photo 14). There were no escape ramps in the trenches or in the conduit vault excavation (Photo 15), and the area needed dust control.

A street drain near the Potrero Grande Drive HDD exit hole remained filled with dirt and debris, and the slope above the drain needed to be recontoured (Photo 16).

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)

Escape ramps, dust control, and BMP maintenance.

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

Weed removal on the banks of the detention basin.

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.

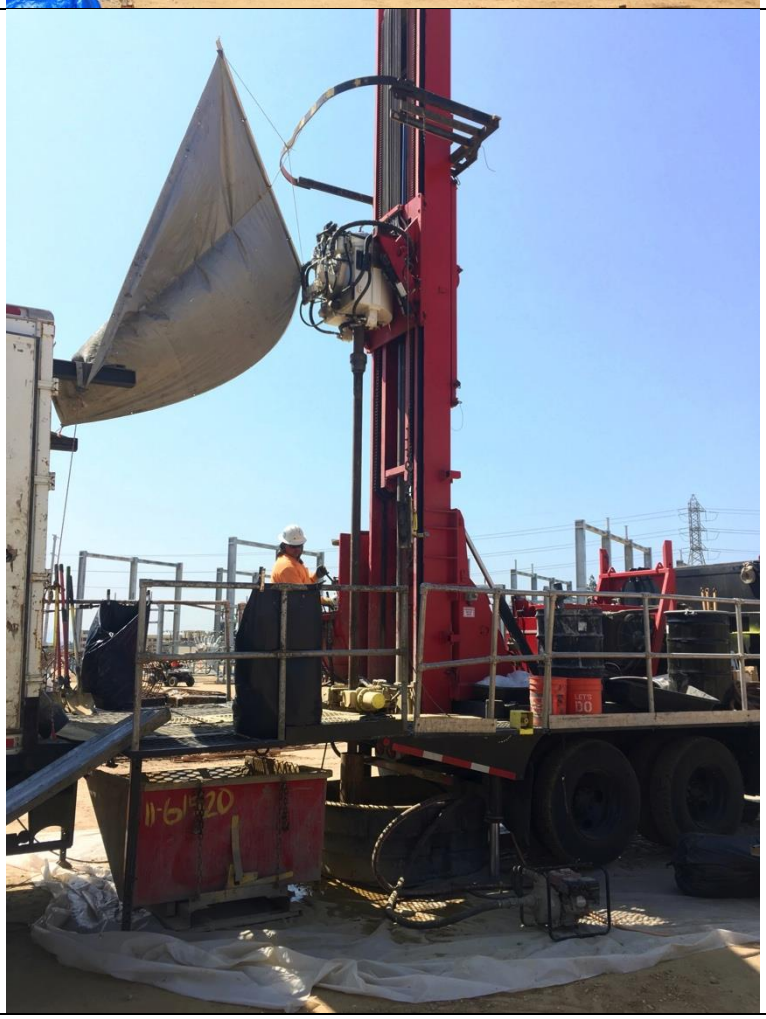
Date	Non-Compliance Issue and Resolution	Relevant Mitigation Measure	NC Report #

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

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
08/16/18	Mesa Substation		Photo 1 – The Senior MEER with installation of the first floor. Photo facing south.
08/16/18	Mesa Substation		Photo 2 – Manhole along the storm drain system. Photo facing east.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
08/16/18	Mesa Substation		Photo 3 – Excavator opening up the Potrero Grande Drive HDD conduit area. Photo facing west.
08/16/18	Mesa Substation		Photo 4 – Conduit trench escape ramp.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
08/16/18	Mesa Substation		Photo 5 – Conduit headed for the 66-kV switchrack area. Photo facing south.
08/16/18	Mesa Substation		Photo 6 – Detention basin. Photo facing southwest.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
08/16/18	Mesa Substation		Photo 7 – Work at the 66-kV switchrack area. Photo facing south.
08/16/18	Mesa Substation		Photo 8 – Drill rig working on new water monitoring well. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
08/16/18	Mesa Substation		Photo 9 – Excavation for foundations and conduit continues near the 220-kV switchrack area. Photo facing north.
08/16/18	Mesa Substation		Photo 10 – Manhole work on the storm drain system continues.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
08/16/18	Mesa Substation		Photo 11 – Removal of riprap from the Market Place storm drain outfall created an earthen catch basin. Photo facing east.
08/16/18	Mesa Substation		Photo 12 – Removal of riprap from the Market Place storm drain outfall. Photo facing south.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
08/16/18	Mesa Substation		Photo 13 – Market Place HDD work; water lines are connected to the conduit. Photo facing east.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
08/16/18	Mesa Substation		Photo 14 – Conduit trench within the Transmission Corridor north of Potrero Grande Drive. There are no escape ramps in the trench. Photo facing east.
08/16/18	Mesa Substation		Photo 15 – Conduit vault within the Transmission Corridor north of Potrero Grande Drive.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
08/16/18	Mesa Substation		Photo 16 – Street drain near the Potrero Grande Drive HDD exit hole within the Transmission Corridor is in need of debris removal and recontouring. Photo facing east.

Mesa 500–kV Substation Project
CPUC Site Inspection Form

Project:	Mesa 500-kV Substation Project	**Date:**	August 21, 2018
Project Proponent:	Southern California Edison	**Report #:**	VS037
Lead Agency:	California Public Utilities Commission	**Monitor(s):**	Vince Semonsen
CPUC PM:	Lisa Orsaba, Energy Division	**AM/PM Weather:**	Overcast with mild temperatures and a slight breeze
E & E CM:	Caitlin Barns	**Start/End Time:**	0730 to 1000
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 scrapers.***	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 Substation site, the storm drainage pipe, the Market Place horizontal directional drilling (HDD), 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 at the Mesa Substation site at 0730. I informed Mesa Project Coordinator Pete Lubich (ULM Services, Inc.) that I was onsite.

Construction activities were ongoing for the Senior Mechanical Electrical Equipment Room (MEER), including structural steel installation and waterproofing the basement walls (Photo 1).

Water trucks were providing dust control for the Mesa Substation site (APM-AIR-01, MM HY-1).

Work on the storm drain manholes continued, with backfilling and installation (Photos 2 and 12).

Work activities within the 220-kV switchrack area included the installation of large circuit breakers on the newly poured foundations and work on other large equipment foundations (Photos 3 and 4).

Conduit installation continued from the Potrero Grande Drive HDD location (Photo 6), with trenches leading into the 220-kV switchrack area (Photo 5). Vaults were added at numerous locations; these required very deep, straight-walled excavations. Wooden escape ramps had been placed in the conduit trench and in the vault excavations; however, the vault ramps appeared to be wholly inadequate (MM BR-10). Other solutions should be considered.

I noted no change within the detention basin (Photo 7).

Excavation was being completed for a concrete "V" ditch running along the hotel adjacent to the Mesa Substation site (Photo 8). This "V" ditch will tie into the Markland Drive lateral line drainage pipe now being formed (Photo 9).

Construction was being finalized for the new water monitoring well located immediately west of the detention basin (Photo 10).

I saw Noreas biological monitors Bob Huttar and Wayne Woodroof onsite and we discussed project issues, including escape ramps and weed removal (MM BR-1, APM-BIO-03, APM-BIO-04, APM-BIO-06, MM BR-2). Bob Huttar stated that weed removal would begin on September 1, 2018.

The Market Place rainwater runoff enters the Mesa Substation site and drains into what is now an earthen catch basin (Photos 13 and 14). Excess water is pumped into the new storm drain system that flows into an old existing drainage channel. Sand bags were installed in the channel to slow the flow and allow sediment to settle out. Sediment laden water from the earthen catch basin left a layer of dried mud several inches thick in the bottom of the channel (Photo 11). I pointed this out to ICF lead biological monitor Matt Daniele and he said he would direct a crew to remove the mud from the channel.

Water was being circulated through the conduit 24/7 at the Market Place HDD site (Photo 16). I noted the night lighting was pointed downward to minimize "offsite light spill" (MM AES-6) (Photo 15).

Work at the Mesa Operations Building Site included trenching, installation of pipe/conduit, and slurry/backfill of those lines (Photo 17).

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)

Escape ramps, dust control, and best management practice (BMP) maintenance.

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

Weed removal on the banks of the detention basin.

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.

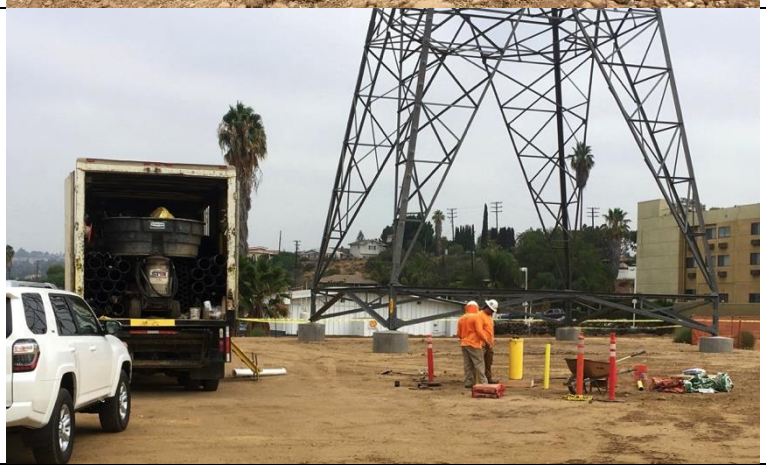
Date	Non-Compliance Issue and Resolution	Relevant Mitigation Measure	NC Report #

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

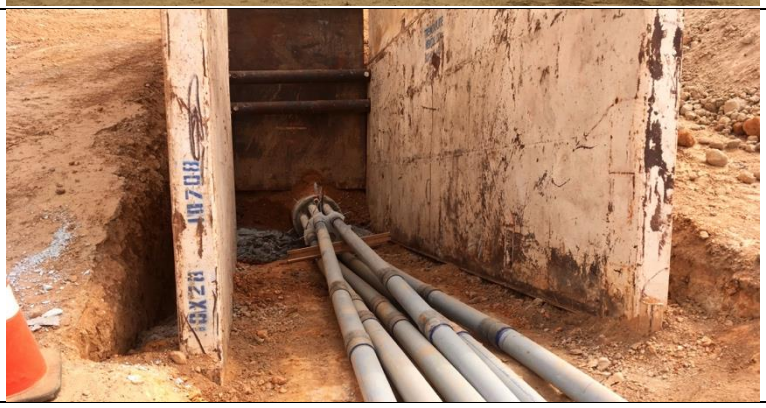
REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
08/21/18	Mesa Substation		Photo 1 – The Senior MEER first floor installation. Photo facing south.
08/21/18	Mesa Substation		Photo 2 – Backfill work around a storm drain manhole. Photo facing west.
08/21/18	Mesa Substation		Photo 3 – Circuit breakers being installed on new foundations. Photo facing south.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
08/21/18	Mesa Substation		Photo 4 – Continued foundation work within the 220-kV switchrack area. Photo facing south.
08/21/18	Mesa Substation		Photo 5 – Conduit vault and trench with wooden escape ramps. Photo facing south.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
08/21/18	Mesa Substation		Photo 6 – Conduit work coming out of the Potrero Grande Drive HDD site. Photo facing east.
08/21/18	Mesa Substation		Photo 7 – Detention basin. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
08/21/18	Mesa Substation		Photo 8 – Excavation of a "V" ditch around the adjacent hotel building. Photo facing west.
08/21/18	Mesa Substation		Photo 9 – Concrete forms being installed for the Markland Drive lateral line inlet.
08/21/18	Mesa Substation		Photo 10 –Final installation work on a water monitoring well. Photo facing north.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
08/21/18	Mesa Substation		Photo 11 – Dried mud in the offsite drainage channel.
08/21/18	Mesa Substation		Photo 12 – Manhole work site. Photo facing southwest.
08/21/18	Mesa Substation		Photo 13 – Earthen catch basin below the Market Place storm drain outlet. Photo facing east.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
08/21/18	Mesa Substation		Photo 14 – Market Place storm drain outlet. Photo facing east.
08/21/18	Mesa Substation		Photo 15 – Market Place HDD operation; note night lighting is pointing downward. Photo facing east.
08/21/18	Mesa Substation		Photo 16 – Market Place HDD work; water lines are connected to the conduit. Photo facing east.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
08/21/18	Mesa Substation		Photo 17 – Mesa Operations Building Site, trenching and slurry work. Photo facing north.

Mesa 500–kV Substation Project
CPUC Site Inspection Form

Project:	Mesa 500-kV Substation Project	**Date:**	August 28, 2018
Project Proponent:	Southern California Edison	**Report #:**	VS038
Lead Agency:	California Public Utilities Commission	**Monitor(s):**	Vince Semonsen
CPUC PM:	Lisa Orsaba, Energy Division	**AM/PM Weather:**	Hazy, partially overcast, and warm with a light breeze
E & E CM:	Caitlin Barns	**Start/End Time:**	1130 to 1400
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 scrapers.***	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 Substation site, the storm drainage pipe, the Market Place horizontal directional drilling (HDD), 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 at the Mesa Substation site at 1130. I informed Mesa Project Coordinator Pete Lubich (ULM Services, Inc.) that I was onsite. I inquired about meeting with Project Engineer Scott Lacey, but Pete Lubich said that he was not onsite.

Crews were installing structural steel within the Senior Mechanical Electrical Equipment Room (MEER) (Photo 1).

After my arrival, the wind began to pick up, so water trucks were being used for dust control (APM-AIR-01, MM HY-1).

Large circuit breakers were being dropped onto the foundation pads within the 220-kV switchrack area (Photo 2). There was a lot of activity in and around the 220-kV switchrack area (Photo 12), including the pouring of additional foundation pads (Photo 13).

Trenching for conduit and conduit vaults continued, followed by the installation of the conduit and the vaults, which were all to be slurried in (Photos 3, 4, and 5). The vault excavations were quite deep, so it was difficult to install an adequate escape ramp (Photo 14). I spoke with biological monitor Bob Huttar (Noreas) who said they had worked out a system of sealing the vault holes with wood once the shoring was installed (MM BR-1, APM-BIO-03, APM-BIO-04, APM-BIO-06, MM BR-2). They used 2" x 12" boards to cover the gaps between the trench wall and the shoring. I examined the seals; they appeared to adequately prevent wildlife from entering the vault excavations (MM BR-10). While I was still at the Mesa Substation site, concrete trucks had arrived to slurry in the newly installed vaults.

Concrete drainage ditches, or "V" ditches, were being excavated and formed at four different locations around the western end of the Mesa Substation site. One ditch ran along the property of an adjacent hotel (Photo 6), one was down the road along the north side of the detention basin (Photo 7), and two were along the southern boundary of the property (Photo 10).

Work on the Markland Drive storm drain lateral line was continuing on the day of my site visit (Photo 8).

Some work had been conducted on the detention basin standpipe, including the addition of a circle of bags that were filled with gravel. This appeared to be a sediment filter, since water can still enter the bottom portion of the stanpipe (Photo 9).

I checked the offsite drainage channel that runs along the southern perimeter of the Mesa Substation site. Where the onsite storm drain enters this offsite channel, the dried mud had been removed from the channel (Photo 11). It appeared that some of this mud had been placed onto the bank; presumably, the mud discarded on the bank will run back into the channel during the next rain event.

I saw biological monitor Wayne Woodroof (Noreas) onsite and we discussed project issues, including escape ramps. A couple of vaults were dug and fenced off up near the Market Place HDD area. Several 2" x 12" boards were tacked together to create an escape ramp (Photo 14). The Market Place HDD work appeared to be complete, with most of the crew and equipment no longer at the site.

Work at the Mesa Operations Building Site was ongoing, with activities focusing on installation of the underground utilities (Photo 15).

Most of the conduit lines and vaults north of Potrero Grande Drive had been slurried in (Photo 16). There was one vault near the Potrero Grande Drive HDD exit hole that did not have any escape ramps (Photo 17). I saw Mesa Project Coordinator Pete Lubich (ULM Services, Inc.) toward the end of my site visit and asked about the Market Place runoff and when that might be fixed. He said they were awaiting a design change and it would be addressed soon after. I also informed him of the vault that did not have escape ramps and he said they would be put in place.

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)

Escape ramps, dust control, and best management practice (BMP) maintenance.

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

Weed removal on the banks of the detention basin.

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:

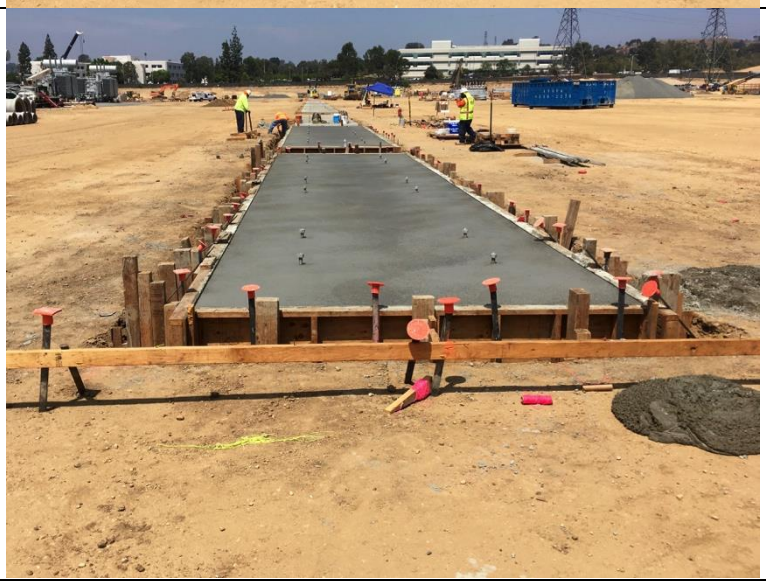
REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
08/28/18	Mesa Substation		Photo 1 – The Senior MEER first floor installation. Photo facing south.
08/28/18	Mesa Substation		Photo 2 – Crane placing circuit breakers on their foundations. Photo facing west.

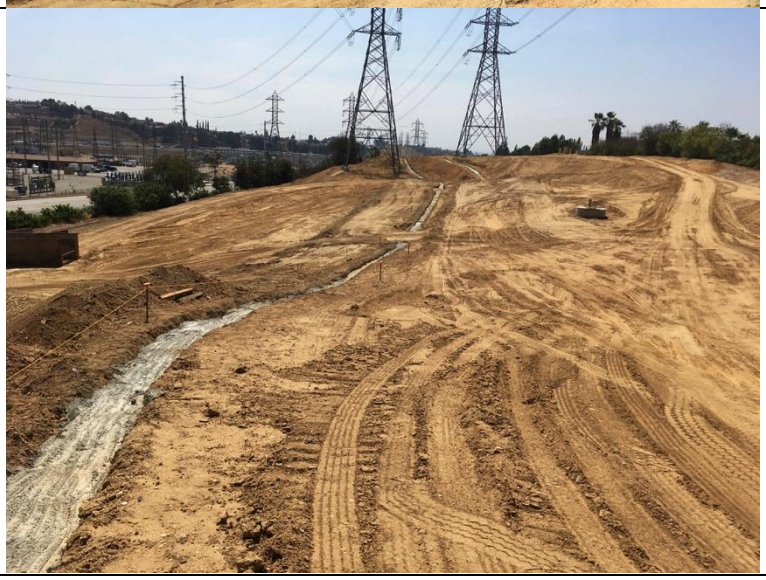
REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
08/28/18	Mesa Substation		Photo 3 – Conduit trench and vault with wooden escape ramps. Photo facing southwest.
08/28/18	Mesa Substation		Photo 4 – Crane lowering in a concrete conduit vault within the 220-kV switchrack area. Photo facing north.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
08/28/18	Mesa Substation		Photo 5 – Newly installed and slurried conduit vault.
08/28/18	Mesa Substation		Photo 6 – Excavation of a “V” ditch around the adjacent hotel. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
08/28/18	Mesa Substation		Photo 7 – "V" ditch installation along the road just north of the detention basin. Photo facing west.
08/28/18	Mesa Substation		Photo 8 – Concrete forms being built for the Markland Drive lateral line storm drain inlet.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
08/28/18	Mesa Substation		Photo 9 – Detention basin stanpipe with added gravel and gravel bags.
08/28/18	Mesa Substation		Photo 10 – Excavation for a “V” ditch along the southern perimeter wall. Photo facing north.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
08/28/18	Mesa Substation		Photo 11 – Drainage channel cleaned out of mud.
08/28/18	Mesa Substation		Photo 12 – Work activity within the 220-kV switchrack area, along with staged materials to the south of the switchrack area. Photo facing north.
08/28/18	Mesa Substation		Photo 13 – Additional foundations being poured within the 220-kV switchrack area. Photo facing north.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
08/28/18	Mesa Substation		Photo 14 – Conduit vaults located near the Market Place HDD operation.
08/28/18	Mesa Substation		Photo 15 – Mesa Operations Building Site, installation of underground utilities continues. Photo facing north.
08/28/18	Mesa Substation		Photo 16 – Slurried conduit lines within the Transmission Corridor north of Potrero Grande Drive. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
08/28/18	Mesa Substation		Photo 17 – Conduit vault near the Potrero Grande Drive HDD exit hole; note the lack of any exclusion fencing or escape ramps.