



July 24, 2018

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

Re: Monthly Report Summary #9 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 **June 1 to 30, 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 June 6, 15, 20, 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 June 2018 provided a compliance summary and included a description of construction activities from June 1 to 30, 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 June 2018 reporting period, SCE did not self-report any compliance incidents. The following compliance incidents were documented by the CPUC Compliance Monitor:

- June 6, 2018: The CPUC Compliance Monitor observed that the wildlife escape ramps installed in the storm drain pipe trench at the western side of the Mesa Substation site did not reach the bottom of the trench and, therefore, presented an entrapment hazard for wildlife. The CPUC Compliance Monitor discussed the wildlife escape ramp issue with SCE's biological monitor, who stated that he would relate the information to the construction foreman. This incident is in conflict with MM BR-10: Open Trenches and Pipes, which requires open trenches to have wildlife escape ramps.
- June 15, 2018: The CPUC Compliance Monitor observed a minor spill of grouting material within the Potrero Grande Drive horizontal directional drilling (HDD) staging area. The spill remained unaddressed by crews through its second observation by the CPUC Compliance Monitor on June 28, 2018. SCE did not document the spill or their failure to clean up the spill. This incident conflicts with MM HY-1: Stormwater Pollution Prevention Plan, which requires project-related spills be cleaned up immediately and Avoidance and Minimization Measures (AMM) 2.34 Pollutants and Debris, which states no organic materials from construction shall be allowed to contaminate the soil.
- June 28, 2018: The CPUC Compliance Monitor observed a small concrete washout near the Senior MEER building. He notified the Mesa project coordinator and the Power Grade foreman, who promptly cleaned up the spill. This incident conflicts with MM HY-1: Stormwater Pollution Prevention Plan, which requires project-related spills be cleaned up immediately, AMM 2.35: Hazardous Substances, which requires concrete washings be prevented from contaminating the soil, and AMM 2.34 Pollutants and Debris, which state no organic materials from construction shall be allowed to contaminate the soil.

Noise Compliance

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

Public Concerns

There were no public concerns during June 2018.

Minor Approvals

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

Sincerely,

A handwritten signature in black ink, appearing to read "Jenny Vick". The signature is fluid and cursive, with a prominent initial "J" and a long, sweeping underline.

Jenny Vick
Project Manager, Ecology and Environment, Inc.

cc:
Lori Rangel, SCE
Don Dow, SCE

ATTACHMENT 1

CPUC Site Inspection Report
June 6, 15, 20, and 28, 2018



Mesa 500-kV Substation Project CPUC Site Inspection Form

Project:	Mesa 500-kV Substation Project	Date:	June 6, 2018
Project Proponent:	Southern California Edison	Report #:	VS027
Lead Agency:	California Public Utilities Commission	Monitor(s):	Vince Semonsen
CPUC PM:	Lisa Orsaba, Energy Division	AM/PM Weather:	Overcast, mild temperatures, and calm
E & E CM:	Jenny Vick	Start/End Time:	0730 to 1030
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)

Mesa Substation, the storm drain pipe installation, 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 0730 and checked in with ULM Services, Inc., Project Coordinator Pete Lubich.

Just inside the entrance to the Mesa Substation site, I observed a crew erecting a lattice steel tower (Photo 1). The crew was conducting their morning tailboard meeting.

Work was being conducted on the Senior Mechanical Engineering Equipment Room (MEER), with additional wall work being completed (Photo 2). I observed water trucks providing dust control throughout the site (MM HY-1).

In the center of the project site, a killdeer had completed a nest. The avian biologists had set up a buffer boundary around the nest site (Photo 3). The birds seemed undisturbed by the construction activity around them (MM BR-1, APM-BIO-03, APM-BIO-04, APM-BIO-06, MM BR-2). Borrego Biological biological monitor Linette Davenport also pointed out a new house finch nest located in some plastic wrapping around staged equipment.

At the time of my site visit, horizontal directional drilling (HDD) work was continuing at Potrero Grande Drive, with the drill rig pulling the plastic conduit through the larger heavy plastic pipe (Photo 4). It appeared that the crew was pulling six lines of conduit through each of the three larger pipes (Photo 5). Another crew was gluing conduit north of Potrero Grande Drive (Photo 15).

Construction activities continued at the 16-kilovolt (kV) and 66-kV switchrack areas. Crews were pouring concrete at the 66-kV switchrack (Photo 6) and conduit trenching was being conducted near the 16-kV switchrack (Photo 7). I discussed the trenching activity with Noreas avian biological monitor Wayne Woodroof, specifically inquiring about the installation of escape ramps (MM BR-10). He had been checking on the ramp installation and seemed satisfied that the construction teams understood the intent of the condition.

The storm drain at the western end of the Mesa Substation site had been partially backfilled and had boards installed as escape ramps (Photo 8). Upon closer examination, the boards did not reach the bottom of the trench and animals could be trapped. I mentioned this to ICF lead biological monitor Matt Daniele; he had already noted this problem and was going to speak with Power Grade foreman Willie Clark.

Weeds were still growing throughout the Mesa Substation site. Noreas botanist and biological monitor Bob Huttar said that SCE was committed to weed removal after the bird nesting season. Photo 9 shows some of the weeds growing just outside of the southern perimeter wall.

A number of foundations and foundation holes had been covered; therefore, I did not note any issues with entrapment (Photo 10).

A crew with an excavator was removing soil from along the Existing Mesa Substation and loading the soil into dump trucks (Photo 11). I spoke briefly with the Paleo Solutions paleontological monitor Bobby Ebelhar who was overseeing this work.

There were numerous pieces of equipment being off-loaded near the coastal California gnatcatcher Environmentally Sensitive Area (ESA) (Photo 12). ICF lead biological monitor Matt Daniele was overseeing this work and he had roped off the buffer area.

During my site visit, Market Place HDD work was being conducted and I noted no issues (Photo 13). I walked past the area where crews deposit the tailings from the HDD drilling (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.

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

Escape ramps, and weed removal around the southern perimeter wall.

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

I observed numerous ground squirrels and rabbits around the perimeter of the Mesa Substation site.

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
6/6/18	Mesa Substation		Photo 1 – Tower construction. Photo facing north.
6/6/18	Mesa Substation		Photo 2 – Wall work within the Senior MEER. Photo facing south.
6/6/18	Mesa Substation		Photo 3 – A killdeer is nesting inside the buffer circle; she did not appear disturbed by the nearby construction work. Photo facing south.




REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
6/6/18	Mesa Substation		Photo 4 – HDD rig used to pull conduit through the previously installed plastic pipe.
6/6/18	Mesa Substation		Photo 5 – Six lines of conduit pulled through the large plastic pipe.
6/6/18	Mesa Substation		Photo 6 – Concrete being poured within the 66-kV switchrack area. Photo facing south.




REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
6/6/18	Mesa Substation		Photo 7 – Trench work for conduit installation near the 16-kV switchrack area. Photo facing south.
6/6/18	Mesa Substation		Photo 8 – Drainage pipe at the far western end of the Mesa Substation site with inadequate escape ramps.
6/6/18	Mesa Substation		Photo 9 – Area outside of the new perimeter wall showing weed growth. Photo facing east.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
6/6/18	Mesa Substation		Photo 10 – Covered foundations and foundation holes. Photo facing north.
6/6/18	Mesa Substation		Photo 11 – Excavation and compaction work continues near the Existing Mesa Substation. Photo facing east.
6/6/18	Mesa Substation		Photo 12 – Equipment being off-loaded near the roped off coastal California gnatcatcher ESA area. Photo facing southwest.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
6/6/18	Mesa Substation		Photo 13 – HDD crew at the Market Place drill site. Photo facing east.
6/6/18	Mesa Substation		Photo 14 – Area where crews deposit the HDD tailings to dry out. Photo facing southwest.
6/6/18	Mesa Substation		Photo 15 – A small crew working north of Potrero Grande Drive gluing conduit as it is being pulled through. Photo facing west.



Mesa 500-kV Substation Project CPUC Site Inspection Form

Project:	Mesa 500-kV Substation Project	Date:	June 15, 2018
Project Proponent:	Southern California Edison	Report #:	VS028
Lead Agency:	California Public Utilities Commission	Monitor(s):	Vince Semonsen
CPUC PM:	Lisa Orsaba, Energy Division	AM/PM Weather:	Partly cloudy, mild temperatures, and calm
E & E CM:	Jenny Vick	Start/End Time:	0730 to 1030
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)

Mesa Substation, the storm drain pipe installation, and the Transmission Corridor work 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 0730 and checked in with ULM Services, Inc., Project Coordinator Pete Lubich.

Water trucks were being utilized at the site (Photo 1); recent temperatures had been warm, and the Mesa Substation site had dried out (MM HY-1). I spoke with Power Grade foreman Willie Clark about having the water trucks wet down the soil stockpiles throughout the Mesa Substation site. I also mentioned this to ICF lead biological monitor Matt Daniele and he sent a text to ULM Services, Inc. Project Coordinator Pete Lubich.

Work on the Senior Mechanical Electrical Equipment Room (MEER) continued, including rebar work, installing forms, and pouring the walls (Photo 2).

Storm drain work was continuing along the northern edge of the Mesa Substation site (Photo 3). The trench is long and deep, and work was being conducted to pad and install the pipe. This trench will remain open for multiple days; therefore, more escape ramps should be installed; at the time of my site visit, only one earthen ramp was in place (MM BR-10). I reiterated the need for adequate escape ramps to Power Grade foreman Willie Clark and to the biological monitoring team.

The Potrero Grande Drive HDD work was nearly complete at the time of my site visit, with all of the plastic pipe pulled and slurried in place (Photo 4). As the slurry cures, it becomes hot; therefore, crews recirculate water through the pipe to keep it cool (Photo 5). This work requires baker tanks, water trucks, a large water pump, and a vacuum truck. I noted a slurry spill in one of the staging areas for this work (Photo 6).

Construction activities continued at the 16-kilovolt (kV) and 66-kV switchrack areas (Photos 7 and 8). I spoke with Borrego Biological biological monitor Linette Davenport who was stationed in and around these areas to watch several nests and try to deter any new nesting (MM BR-1, APM-BIO-03, APM-BIO-04, APM-BIO-06, MM BR-2). The house finch nest located in the plastic-wrapped stockpiled equipment was still active (Photo 10).

More of the storm drain trench was open along the northern border of the Mesa Substation site, west of the Potrero Grande Drive HDD work (Photo 9). I noted no issues in this area with the earthen ramps and capped pipe; however, I observed a family of ground squirrels (I saw five young) living under the drainage pipe. I mentioned this to Noreas avian biological monitor Wayne Woodroof who said he was aware of the ground squirrels and was determining the best method to remove the squirrels from the trench before it was backfilled.

A conduit trench south of the 16-kV switchrack had only a single escape ramp located at one end (Photo 11). I paced off the trench length and estimated the trench to be 210 feet long; therefore, this trench will need additional ramps put in place.

At the southeast end of the Mesa Substation site, where the offsite drainage pipe enters the project area, crews were pumping water out of the riprap energy dissipater and putting it into the newly installed piping (Photo 12). The generator for the electric pump was properly contained.

According to the Plan of the Day (POD) for the Market Place, the HDD would continue to ream bore #2. I noticed that the crew did not install any silt fencing around the entry hole (Photo 13). ICF lead biological monitor Matt Daniele was in the area and we looked at the construction activity; he called the HDD foreman about the silt fencing. The foreman said it would be in place before they left the site at the end of the day.

My last stop was the southern portion of the Mesa Substation site where a crew was erecting a lattice steel 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.

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

Escape ramps, nesting birds, and weed removal.

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

ICF lead biological monitor Matt Daniele said he had recently seen some coyote pups in the area.

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.
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- 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
6/15/18	Mesa Substation		Photo 1 – Water truck for dust control. Photo facing northwest.
6/15/18	Mesa Substation		Photo 2 – Continued work on the Senior MEER. Photo facing south.
6/15/18	Mesa Substation		Photo 3 – Open storm drain trench.




REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
6/15/18	Mesa Substation	 <p>A photograph showing a construction site for a Horizontal Directional Drilling (HDD) project. The scene is set within a large, rectangular concrete structure, likely a tunnel or conduit. Several large, dark metal pipes are visible, supported by wooden beams. Two workers in high-visibility vests and hard hats are standing near the center of the structure. In the foreground, there are two large spools of yellow cable and some equipment. The background shows an outdoor construction area with a yellow excavator and other equipment.</p>	Photo 4 – HDD crew working on the newly installed conduit.
6/15/18	Mesa Substation	 <p>A photograph showing a construction site for a Horizontal Directional Drilling (HDD) project. The scene is set within a large, rectangular concrete structure, likely a tunnel or conduit. Several large, dark metal pipes are visible, supported by wooden beams. A blue container is visible in the background. The ground is dirt and there are some cables and equipment scattered around.</p>	Photo 5 – Water lines connected to the conduit to run water through the system while the slurry cures.
6/15/18	Mesa Substation	 <p>A photograph showing a construction site for a Horizontal Directional Drilling (HDD) project. The scene is set in an outdoor area with a dirt ground. There is a large spill of white slurry on the ground. A green piece of equipment is visible on the left. A grey trash can and an orange traffic cone are also present. The background shows a dirt embankment.</p>	Photo 6 – HDD staging area with trash and a slurry spill.



REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
6/15/18	Mesa Substation		Photo 7 – 66-kV switchrack area. Photo facing south.
6/15/18	Mesa Substation		Photo 8 – 16-kV switchrack area. Photo facing south.
6/15/18	Mesa Substation		Photo 9 – Storm drain pipe work. A family of ground squirrels appear to be living under one of the pipes. Photo facing east.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
6/15/18	Mesa Substation		Photo 10 – Buffer area around a house finch nest located within the plastic-wrapped equipment. Photo facing north.
6/15/18	Mesa Substation		Photo 11 – Conduit in a 210-foot-long trench with only one escape ramp. Photo facing north.
6/15/18	Mesa Substation		Photo 12 – Equipment pumping out the water below the drain pipe. Photo facing east.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
6/15/18	Mesa Substation		Photo 13 – HDD crew at the Market Place drill site; note the lack of silt fence around the entry hole. Photo facing south.
6/15/18	Mesa Substation		Photo 14 – Lattice steel tower construction. Photo facing north.



Mesa 500-kV Substation Project CPUC Site Inspection Form

Project:	Mesa 500-kV Substation Project	Date:	June 20, 2018
Project Proponent:	Southern California Edison	Report #:	VS029
Lead Agency:	California Public Utilities Commission	Monitor(s):	Vince Semonsen
CPUC PM:	Lisa Orsaba, Energy Division	AM/PM Weather:	Overcast, cool, and calm
E & E CM:	Jenny Vick	Start/End Time:	0715 to 1030
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)

Mesa Substation, the storm drain pipe installation, horizontal directional drilling (HDD) work, and the Transmission Corridor work 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 0715 and checked in with ULM Services, Inc., Project Coordinator Pete Lubich.

On the day of my site visit, work on the storm drain was continuing in various locations throughout the Mesa Substation site. Large-scale trenching and pipe installation continued along the northern border of the project area (Photos 1 and 3). The pipes were mostly capped, and escape ramps were located at both ends of the two sections of trench (MM BR-10).

At the Potrero Grande Drive HDD operation, the crews continued to pump water through the conduit as the slurry cured (Photo 2).

Earthwork was being conducted within the detention basin; it appeared the crews were leveling out the area (Photo 4). I saw Noreas biological monitors Bob Huttar and Wayne Woodroof and we spoke about the project and general compliance issues (MM BR-1, APM-BIO-03, APM-BIO-04, APM-BIO-06, MM BR-2).

A Power Grade crew was working on Storm Drain Line G, which ties the new storm drain system into the existing pipe near Markland Drive at the west end of the Mesa Substation site (Photo 5). The crew was excavating around the old pipe and pulling out concrete and rebar in preparation for the new tie-in. A water truck was parked near this site; other water trucks were being used to minimize dust throughout the Mesa Substation site (MM HY-1).

I assumed the house finch nest was still active near the 16-kilovolt (kV) switchrack, since the Environmentally Sensitive Area (ESA) signage was still in place around the plastic-covered equipment (Photo 6). Work continued within the 16-kV switchrack area, and the conduit trench to this area had been backfilled (Photo 7). There was a lot of activity at the 66-kV switchrack area, including both minor trenching and aboveground installation work (Photo 8).

A crew was erecting a lattice steel tower in the southern portion of the Mesa Substation site (Photo 9). I saw ICF lead biological monitor Matt Daniele in this area, near the coastal California gnatcatcher habitat area. Matt Daniele asked if there were any compliance issues.

During the time of my site visit, no large-scale earthwork was being conducted; therefore, most of the large equipment was parked, and all equipment had the required drip pans in place.

The Market Place HDD operation continued during the time of my site visit, with crews focused on reaming bore #2 (Photo 10). I observed no issues, and I signed in on their Job Safety Analysis (JSA). Paleo Solutions paleontological monitor Olivia Tierk was stationed near this location and was checking these and other excavation activities.

The Mesa Operations Building Site was now under construction along Market Place Drive. I stopped into the trailers to introduce myself and meet the PRAVA foreman Nathan Wardlaw. We discussed project conditions and my role as the onsite inspector for the CPUC as compared to the other project monitors. Crews had begun trenching for water and utilities, so we talked about exit ramps in the trenches (Photo 11).

North of Potrero Grande Drive, in the Transmission Corridor, a crew was installing several tubular steel poles (TSPs) (Photo 12). The other end of the HDD work was still exposed in this area, with water hoses connecting the slurried conduit (Photo 13). Some of the caps for the nearby stockpiled conduit had come off and provided access for animals to shelter or hide inside the pipes (Photo 14).

Before leaving the site, I saw ULM Services, Inc., Project Coordinator Pete Lubich and I mentioned the uncapped pipes; he said he would address the issue.

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, nesting birds, and dust control.

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
6/20/18	Mesa Substation		Photo 1 – Storm drain trench and pipe. Photo facing west.
6/20/18	Mesa Substation		Photo 2 – Potrero Grande Drive HDD work with water being run into the conduit while the slurry cured. Photo facing east.
6/20/18	Mesa Substation		Photo 3 – More open storm drain trench with capped pipe. Photo facing east.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
6/20/18	Mesa Substation		Photo 4 – Earthwork within the detention basin. Photo facing south.
6/20/18	Mesa Substation		Photo 5 – Excavator working on Storm Drain Line G near Markland Drive. Photo facing west.
6/20/18	Mesa Substation		Photo 6 – ESA buffer around a house finch nest in the stockpiled equipment. Photo facing south.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
6/20/18	Mesa Substation		Photo 7 – 16kV switchrack area. Photo facing north.
6/20/18	Mesa Substation		Photo 8 – 66kV switchrack area. Photo facing north.
6/20/18	Mesa Substation		Photo 9 – A crew erecting a lattice steel tower. Photo facing north.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
6/20/18	Mesa Substation		Photo 10 – Market Place HDD work. Photo facing south.
6/20/18	Mesa Substation		Photo 11 – Trenching within the Mesa Operations Building area. Photo facing north.
6/20/18	Mesa Substation		Photo 12 – Installation of two TSPs within the Transmission Corridor north of Potrero Grande Drive. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
6/20/18	Mesa Substation		Photo 13 – HDD operation north of Potrero Grande Drive. Photo facing west.
6/20/18	Mesa Substation		Photo 14 – Stockpiled conduit, and some without caps.



Mesa 500-kV Substation Project CPUC Site Inspection Form

Project:	Mesa 500-kV Substation Project	Date:	June 28, 2018
Project Proponent:	Southern California Edison	Report #:	VS030
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:	0715 to 1015
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)

Mesa Substation, the storm drain pipe installation, horizontal directional drilling (HDD) work, 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 0715 and checked in with ULM Services, Inc., Project Coordinator Pete Lubich. Transfer trucks arrived to deposit gravel near the entrance to the Mesa Substation site, and a grader was spreading the gravel (Photo 1). According to Pete Lubich, they were reestablishing a parking area near the Mesa Substation site entrance.

There was not much work going on at the Senior Mechanical Electrical Equipment Room (MEER), as they had just recently poured the walls (Photo 2). I identified a concrete washout in a non-designated location near the MEER and notified ULM Services, Inc., Project Coordinator Pete Lubich and the Power Grade foreman Willie Clark (Photo 16). I met Pete Lubich and Willie Clark at the location of the washout, and Willie had a crew member use a front loader to clean it up. I emphasized that concrete washouts need to be conducted in a designated location. I also mentioned another small spill located near the Potrero Grande Drive HDD work that had been there for several weeks; Willie Clark said he would clean it up (Photo 5).

Storm drain work continued in various locations throughout the Mesa Substation site, with portions of the pipe being slurried (Photos 3 and 6). I observed water trucks wetting the roads; spoil piles also appeared to have been sprayed with water (MM HY-1).

At the Potrero Grande Drive HDD operation, a crew was working on installing bulkheads on the conduit (Photo 4). A small crew was also stationed at the HDD location north of Potrero Grande Drive (Photo 17).

Some earthwork continued at the detention basin (Photo 7). The detention basin drain outlet was a standpipe approximately 5 feet tall (Photo 8). There also appeared to be holes at ground level in the metal drain outlet pipe. I asked ULM Services, Inc., Project Coordinator Pete Lubich about the release of water from the detention basin center, as I was under the impression that they would be capturing and holding all the rainwater runoff in the detention basin. He indicated that they would capture 5 feet of water, allowing sediment to drop out, and then it would enter the standpipe and flow offsite. I questioned why they constructed an approximately 25-foot-deep detention basin, and also whether 5 feet of retention would allow the sediment to drop out. He said they could always raise the height of the standpipe. This needs to be resolved before sediment laden water begins flowing offsite, since it will be nearly impossible to add additional pipe once the detention basin is full.

A killdeer was observed doing the "broken wing" display around the detention basin, but I did not see a nest. Later, I spoke with ICF lead biological monitor Matt Daniele and Borrego Biological biological monitor Linette Davenport and they said the killdeer had a chick in the area (MM BR-1, APM-BIO-03, APM-BIO-04, APM-BIO-06, MM BR-2). Later, I saw a killdeer chick in the riprap within the Market Place storm drain outfall (Photo 13).

Work on the Storm Drain Line G tie in with Markland Drive continued with no obvious problems (Photo 9).

The area outside of the southern perimeter wall had been graded, with some backfill work conducted along the wall (Photo 10).

The house finch chicks from the nest near the 16-kilovolt (kV) switchrack area must have fledged since the Environmentally Sensitive Area (ESA) signage was removed from the equipment they were nesting in. Work continued at the 16-kV switchrack area and the 66-kV switchrack area (Photos 11 and 12).

The Market Place HDD operation continued (Photo 14), with crews starting to pull the casing.

I walked through the Mesa Operations Building area where crews continued to work on trenching and installing pipe/conduit (Photo 15). The trenches were partially backfilled, thereby creating escape ramps at regular intervals (MM BR-10).

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, nesting birds, and dust control.

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

Arrangements have been made to meet with the project engineer to discuss how the detention basin will be utilized.

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
6/28/18	Mesa Substation		Photo 1 – Bringing in gravel to create another parking area. Photo facing west.
6/28/18	Mesa Substation		Photo 2 – The Senior MEER with newly poured walls. Photo facing south.
6/28/18	Mesa Substation		Photo 3 – Storm drain work continues along the northern perimeter of the Mesa Substation site. Photo facing west.




REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
6/28/18	Mesa Substation		<p>Photo 4 – Potrero Grande Drive HDD work; according to the Plan of the Day (POD) crews are installing bulkheads. Photo facing east.</p>
6/28/18	Mesa Substation		<p>Photo 5 – Material spill remains near the HDD work.</p>
6/28/18	Mesa Substation		<p>Photo 6 – Storm drain work continues along the northern perimeter of the Mesa Substation site; this section is west of the Potrero Grande Drive HDD work. Photo facing east.</p>




REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
6/28/18	Mesa Substation		Photo 7 – Earthwork within the detention basin. Photo facing southwest.
6/28/18	Mesa Substation		Photo 8 – Drain outlet in the detention basin. Photo facing south.
6/28/18	Mesa Substation		Photo 9 – Storm Drain Line G installation of a manhole. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
6/28/18	Mesa Substation		Photo 10 – Clean-up and backfill work outside of the southern perimeter wall. Photo facing east.
6/28/18	Mesa Substation		Photo 11 – 16-kV switchrack construction. Photo facing north.
6/28/18	Mesa Substation		Photo 12 – 66-kV switchrack construction. Photo facing north.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
6/28/18	Mesa Substation		Photo 13 – Market Place drain outfall into the Mesa Substation site. Photo facing east.
6/28/18	Mesa Substation		Photo 14 – Market Place HDD ream continues. Photo facing southwest.
6/28/18	Mesa substation		Photo 15 – Trenching operations within the new Mesa Operations Building area. Photo facing north.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
6/28/18	Mesa substation		Photo 16 – Concrete washout near the Senior MEER.
6/28/18	Mesa substation		Photo 17 – HDD construction north of Potrero Grande Drive. Photo facing east.