

January 14, 2020

Connie Chen  
Project Manager  
California Public Utilities Commission  
505 Van Ness Avenue  
San Francisco, CA 94102

**Re: Monthly Report Summary #22 for the Mesa 500-kV Substation Project**

Dear Ms. Chen,

This report provides a summary of the compliance monitoring activities that occurred during the period from **July 1 to 31, 2019**, 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 **July 10, 17, 24, and 31, 2019**. 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).

Several compliance concerns occurred during the period from July 1 to 31, 2019, however, 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 pertained to 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 automated database notifications from SCE, provided additional compliance information and construction summaries. Furthermore, SCE's monthly compliance status report for July 2019 provided a compliance summary and included a description of construction activities from July 1 to 31, 2019, a detailed look-ahead construction schedule, a summary of compliance with Mesa Substation Project commitments (i.e., the 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 July 2019 reporting period, SCE self-reported one project related compliance observation. The compliance observation is described below.

- On July 12, 2019, a biologist observed trash and micro-trash throughout the area of Grading Area 1C (Mesa Operations Building). The incident was observed at Grading Area 1C and was not within any listed species habitat. The area affected was surveyed and was completely inside approved disturbance limits, with no further impacts visible. The trash consisted of organic and inorganic trash (water bottles, food trash, construction debris etc.), and was found throughout the area on the ground and in uncovered receptacles. This incident conflicts with **MM BR-9: Construction Monitoring**.

During the July 2019 reporting period, the CPUC Compliance Monitor reported the following compliance concerns:

- On July 10, 17, 24, and 31 2019, the CPUC Compliance Monitor observed inadequate drip pan placement underneath parked equipment that was not being utilized. The CPUC Compliance Monitor recommended increasing the frequency of ensuring proper drip pan placement.
- On July 17, 2019, the CPUC Compliance Monitor noted several workers sitting in their cars with engines running; they likely were using their vehicles air conditioning system. The Compliance Monitor walked through one of the main parking areas and counted at least 10 vehicles running. Setting up a shaded area with fans for workers was recommended to avoid extensive vehicle idling during breaks.
- On July 24, 2019, the CPUC Compliance Monitor noticed a loader parked near the Mesa Operations Building. The engine was running while not being operated and had no drip pans underneath. The Prava construction superintendent and contractor were notified. Further, the equipment remained idling for the remainder of his visit. The CPUC Compliance Monitor recommended that equipment not be left idling when not being operated.
- On July 20, 2019, the CPUC Compliance Monitor noticed a wet area located near the bottom of the southeastern corner of the large detention basin. Removing the ponded water was advised to address potential vector concerns.

During the July 2019 reporting period, the CPUC did not issue a Non-Compliance.

### **Noise Compliance**

There were no noise exceedances during the July 2019 reporting period.

### **Spills**

On July 17, 2019, SCE submitted MPC Request 006 to the CPUC. A week later, on July 23, 2019, SCE submitted MPC Request 007 to the CPUC. As of July 31, 2019, MPC Requests 006 and 007 remain under review.

### **Public Concerns**

There were no public concerns during July 2019.

### **Minor Project Changes**

During July 2019, there were no email or Minor Project Change approvals.

Sincerely,

A handwritten signature in black ink, appearing to read 'Silvia Yanez', with a horizontal line extending from the end of the signature.

Silvia Yanez  
Project Manager, Ecology and Environment, Inc.  
cc:  
Lori Rangel, SCE  
Don Dow, SCE

# ATTACHMENT 1

CPUC Site Inspection Reports  
July 10, 17, 24, and 31, 2019





## Mesa 500–kV Substation Project CPUC Site Inspection Form

<b>Project:</b>	Mesa 500-kV Substation Project	<b>Date:</b>	July 10, 2019
<b>Project Proponent:</b>	Southern California Edison	<b>Report #:</b>	VS078
<b>Lead Agency:</b>	California Public Utilities Commission	<b>Monitor(s):</b>	Vince Semonsen
<b>CPUC PM:</b>	Connie Chen, Energy Division	<b>AM/PM Weather:</b>	Clear skies, warm temperatures, and breezy
<b>E &amp; E CM:</b>	Silvia Yanez	<b>Start/End time:</b>	0830 to 1045
<b>Project NTP(s):</b>	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)

<b>Worker Environmental Awareness Program (WEAP) Training</b>	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		
<b>Erosion and Dust Control (Air and Water Quality)</b>	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		
<b>Equipment</b>	Yes	No	N/A
Are observed vehicles maintaining a speed limit of 15 mph on unpaved roads? <i>Except for the scrapers.</i>	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		
<b>Work Areas</b>	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		
<b>Biology</b>	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	
<b>Cultural and Paleontological Resources</b>	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	
<b>Hazardous Materials</b>	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		
<b>Work Hours and Noise</b>	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 work, the Mesa Operations Building work, the stormwater drainpipe system, conduit installation, wall construction, and the Transmission Corridor north of Potrero Grande Drive.

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

I arrived onsite at 0830 and notified Project Coordinator Pete Lubich (ULM Services, Inc.).

Work continued at both inside and outside of the Senior Mechanical Electrical Equipment Room (MEER) building. The concrete walkway had been poured around the building – Photo 1.

Trash bins were covered – Photo 2. A crew using a water truck was spraying water throughout the project site to minimize dust. The water truck tank was being filled at a nearby fire hydrant on Potrero Grande Drive. I asked Project Coordinator Pete Lubich (ULM Services, Inc.) whether crews were using reclaimed water. He responded that they were not; however, it would be considered if there was a reclaimed water hydrant nearby.

An extensive amount of construction work continued at the 220-kilovolt (kV) switchrack area, including: aboveground installation and connection work – Photo 3; the grounding work – Photo 4; and spreading gravel – Photo 5.

Minor conduit work was being conducted near the northern retaining wall. New vaults were installed and trenching activities were completed– Photo 6. Conduit work was being conducted in several areas closer to the southern boundary wall – Photos 11 & 12. Boards were placed in the excavations to serve as climbing structures for trapped animals.

Work continued at the northern retaining wall. Crews were applying a moisture barrier and installing rebar for additional concrete pours – Photo 7.

No new construction work was completed at the detention basin or “triangular” retention basin. There were installations of concrete forms along the base of the western fence – Photo 8; a small portion of the western project entry/exit roadway was poured – Photo 9.

Road base was added and compacted along a portion of the new roadway adjacent to the southern boundary wall – Photo 10.

Drip pans were not properly placed underneath equipment – Photo 13. Some of the pans appeared to be in poor condition – Photo 14.

Extensive construction activities were occurring at the Mesa Operations Building. These activities included: ongoing wall installation – Photo 15; vault work to the east of the building – Photo 16; and work on the building itself – Photo 17. The site was very dusty, and I spoke to the water truck’s driver and asked if he could spray the roadways within the project area. I saw Project Coordinator Pete Lubich (ULM Services, Inc.) later in the day. I told him about the dust issues and notified him that I previously spoke with the water truck driver; he was OK with this.

My last stop was at the trailer/staging area, located east of the Market Place. Several new trailers were brought in and installed – Photo 18.

**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 completed Worker Environmental Awareness Program (WEAP) training (MM BR-5). See the mitigation measures (MMs) listed in the observed activities.

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

Check on drip pans and watch for dust control.

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

Instead of using drip pans under the parked equipment, it might be more effective to set up a plastic tarp drip catchment system.

**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
7/10/19	Mesa Substation		Photo 1 – Concrete work outside the Senior MEER building. Photo facing south.
7/10/19	Mesa Substation		Photo 2 – Covered dumpster near the 220-kV switchrack area. Photo facing west.
7/10/19	Mesa Substation		Photo 3 – Equipment work within the 220-kV switchrack area. Photo facing southwest.




**REPRESENTATIVE SITE PHOTOGRAPHS**



Date	Location	Photo	Description
7/10/19	Mesa Substation		<p>Photo 4 – Excavation being completed for the grounding work. Photo facing north.</p>
7/10/19	Mesa Substation		<p>Photo 5 – Spreading gravel within the 220-kV switchrack area. Photo facing north.</p>
7/10/19	Mesa Substation		<p>Photo 6 – Conduit work area near the northern retaining wall. Photo facing west.</p>



**REPRESENTATIVE SITE PHOTOGRAPHS**

Date	Location	Photo	Description
7/10/19	Mesa Substation		Photo 7 – More rebar work along the inside of the northern retaining wall. Photo facing northeast.
7/10/19	Mesa Substation		Photo 8 – Wooden forms along the base of the western boundary fence. Photo facing north.
7/10/19	Mesa Substation		Photo 9 – Some concrete poured in the roadway near the Markland Avenue exit. Photo facing west.

**REPRESENTATIVE SITE PHOTOGRAPHS**




<b>Date</b>	<b>Location</b>	<b>Photo</b>	<b>Description</b>
7/10/19	Mesa Substation		Photo 10 – Road base installed within the new roadway along the southern boundary wall. Photo facing west.
7/10/19	Mesa Substation		Photo 11 – Conduit vault work, note the board installed as a climbing structure.



**REPRESENTATIVE SITE PHOTOGRAPHS**

<b>Date</b>	<b>Location</b>	<b>Photo</b>	<b>Description</b>
7/10/19	Mesa Substation		Photo 12 – Conduit installation. Photo facing west.
7/10/19	Mesa Substation		Photo 13 – Poorly placed drip pans.

**REPRESENTATIVE SITE PHOTOGRAPHS**

Date	Location	Photo	Description
7/10/18	Mesa Substation		Photo 14 – Poorly placed and broken drip pan.
7/10/18	Mesa Substation		Photo 15 – Work on the brick installation for the boundary wall around the Mesa Operations building. Photo facing north.
7/10/18	Mesa Substation		Photo 16 – Vault work near the Mesa Operations Building area. Photo facing north.



**REPRESENTATIVE SITE PHOTOGRAPHS**

Date	Location	Photo	Description
7/10/18	Mesa Substation		Photo 17 – Work at the Mesa Operations Building. Photo facing southwest.
7/10/18	Mesa Substation		Photo 18 – Temporary office building installation within the telecommunications corridor, located east of Marketplace. Photo facing west.

<b>Completed by:</b>	Vince Semonsen
<b>Firm:</b>	Ecotech Resources, Inc.
<b>Date:</b>	7/15/19

<b>Reviewed by:</b>	Jeff Root
<b>Firm:</b>	Ecotech Resources, Inc.
<b>Date:</b>	07/15/19



## Mesa 500–kV Substation Project CPUC Site Inspection Form

<b>Project:</b>	Mesa 500-kV Substation Project	<b>Date:</b>	July 17, 2019
<b>Project Proponent:</b>	Southern California Edison	<b>Report #:</b>	VS079
<b>Lead Agency:</b>	California Public Utilities Commission	<b>Monitor(s):</b>	Vince Semonsen
<b>CPUC PM:</b>	Connie Chen, Energy Division	<b>AM/PM Weather:</b>	Clear skies, warm temperatures, and breezy
<b>E &amp; E CM:</b>	Silvia Yanez	<b>Start/End Time:</b>	1130 to 1400
<b>Project NTP(s):</b>	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)

<b>Worker Environmental Awareness Program (WEAP) Training</b>	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		
<b>Erosion and Dust Control (Air and Water Quality)</b>	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		
<b>Equipment</b>	Yes	No	N/A
Are observed vehicles maintaining a speed limit of 15 mph on unpaved roads? <i>Except for the scrapers.</i>	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		
<b>Work Areas</b>	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		
<b>Biology</b>	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	
<b>Cultural and Paleontological Resources</b>	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	
<b>Hazardous Materials</b>	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		
<b>Work Hours and Noise</b>	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 work, the Mesa Operations Building work, the stormwater drainpipe system, conduit installation, wall construction, and the Transmission Corridor north of Potrero Grande Drive.

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

I arrived onsite at 1130 on a sunny, warm, breezy day. I notified Project Coordinator Pete Lubich (ULM Services, Inc.) that I was onsite. The rumble plates at the main project entry/exit needed cleaning – Photo 1.

It was around lunchtime when I arrived, and I noted several workers sitting in their cars with engines running; they likely were using their vehicles' air conditioning systems. I walked through one of the main parking areas and counted at least 10 vehicles running – Photo 2. This is not the only parking area; thus, there could be many more vehicles idling throughout the project site during the lunch hour. I discussed this with Fernando Guzman, the Ecology and Environment, Inc. (E & E) Deputy Compliance Manager.

Work continued inside of the Senior Mechanical Electrical Equipment Room (MEER) building. A crew was using a water truck for dust control measures throughout the site. This crew was also utilizing a water buffalo with a hose to reach inaccessible work areas.

Construction work continued on the northern retaining wall. Crews continued applying the moisture barrier and rebar along the inside of the wall – Photo 3. Gas generators used for this work were well contained – Photo 4.

Plastic conduit pipe and conduit vaults were being installed at various locations throughout the project site – Photos 5, 6, & 11. Climbing structures were installed for trapped animals. I inspected one of the numerous trash bins onsite and noted that a large amount of wood and plastic conduit pipe had been thrown away – Photo 15. I spoke to Project Coordinator Pete Lubich (ULM Services, Inc.) about whether they were doing any recycling for that material and he responded that they were only recycling metal.

Road preparation was being conducted along the southern portion of the project site and soil was being transported by a loader – Photo 7. The excess soil was transported to the southeastern corner of the detention basin – Photo 9. The loader was parked near the roadway work and no drip pans were placed underneath it. I counted three or four locations with leaking oil, gas, and/or hydraulic fluid – Photo 8. I spoke to Project Coordinator Pete Lubich (ULM Services, Inc.) about the leaking equipment. He said they were sending a mechanic to work on it. Crews set up a larger, more permanent plastic-lined catch basin specifically for the loader located near the equipment parking area; unfortunately, the loader was not parked over the catch basin – Photo 16.

The gate area along the southern boundary road had concrete forms installed and rebar was being placed – Photo 10. The light pole holes were dug and covered; some of the curb was poured in this area – Photo 11.

Final grade work was being completed within the 66-kilovolt (kV) switchrack area, in addition to: aboveground wiring – Photo 12; equipment installation – Photo 13; and the ongoing grounding work – Photo 14.

I walked toward the soil stockpile area on top of a small hill located south of the Existing Mesa Substation. There were no dust issues, as the area appeared to be well-compacted and the soil piles appeared to be sprayed regularly with water – Photo 17.

Extensive construction work was occurring at the Mesa Operations Building. The wall work was nearly complete, and crews were cleaning the surrounding walls and the mortar mixing area. The conduit work located east of the building appeared to be complete – Photo 18. The site was dusty, and I mentioned this to the superintendent, who called Power Grade; a water truck arrived within 5 minutes. A bird buffer was placed at the southwestern corner of the building – Photo 19. Biological monitor Matt Daniele (ICF) mentioned that bird nesting material was dropped off; they were in the process of taking down the buffer

since the birds were gone. I saw biological monitor Wayne Woodroof (Noreas) onsite.

I drove through the trailer/staging area located east of the Market Place and noted several additional trailers being installed – Photo 20.

**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 completed Worker Environmental Awareness Program (WEAP) training (MM BR-5). See the mitigation measures (MMs) listed in the observed activities.

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

Check on drip pans and watch for dust control.

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

Set up a shaded lunch area (possibly with fans) so workers do not run their vehicle engines for 30 minutes every day.

**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
7/17/19	Mesa Substation		Photo 1 – Main project exit/entry needs cleaning.
7/17/19	Mesa Substation		Photo 2 – Worker parking area. Photo facing northwest.
7/17/19	Mesa Substation		Photo 3 – Northern retaining wall work. Photo facing northwest.





**REPRESENTATIVE SITE PHOTOGRAPHS**

Date	Location	Photo	Description
7/17/19	Mesa Substation		Photo 4 – Gas generator with excellent containment.
7/17/19	Mesa Substation		Photo 5 – Conduit vaults with climbing structures.





**REPRESENTATIVE SITE PHOTOGRAPHS**

<b>Date</b>	<b>Location</b>	<b>Photo</b>	<b>Description</b>
7/17/19	Mesa Substation		Photo 6 – Conduit work area near the northern retaining wall. Photo facing east.
7/17/19	Mesa Substation		Photo 7 – Roadway preparation work along the inside of the southern project boundary. Photo facing east.





**REPRESENTATIVE SITE PHOTOGRAPHS**



<b>Date</b>	<b>Location</b>	<b>Photo</b>	<b>Description</b>
7/17/19	Mesa Substation		Photo 8 – Parked and leaking loader.
7/17/19	Mesa Substation		Photo 9 – Excess soil deposited in the large detention basin. Photo facing northwest.



**REPRESENTATIVE SITE PHOTOGRAPHS**



Date	Location	Photo	Description
7/17/19	Mesa Substation		<p>Photo 10 – Road preparation work being completed near the project gate, along the southern project boundary. Photo facing east.</p>
7/17/19	Mesa Substation		<p>Photo 11 – Conduit work and covered holes. Photo facing east.</p>

**REPRESENTATIVE SITE PHOTOGRAPHS**

Date	Location	Photo	Description
7/17/19	Mesa Substation		Photo 12 – Wiring work at the switchrack areas. Photo facing south.
7/17/19	Mesa Substation		Photo 13 – Equipment installation. Photo facing north.



**REPRESENTATIVE SITE PHOTOGRAPHS**

<b>Date</b>	<b>Location</b>	<b>Photo</b>	<b>Description</b>
7/17/18	Mesa Substation		Photo 14 –Excavation for copper wire grounding installation. Photo facing north.
7/17/18	Mesa Substation		Photo 15 – Plastic conduit pipe in a trash bin.





**REPRESENTATIVE SITE PHOTOGRAPHS**

Date	Location	Photo	Description
7/17/18	Mesa Substation		Photo 16 – Large plastic lined drip containment basin for the loader.
7/17/18	Mesa Substation		Photo 17 – Soil stockpile area located south of the existing substation. Photo facing southwest.
7/17/19	Mesa substation		Photo 18 – Mesa Operations Building retaining wall and conduit work. Photo facing south.



**REPRESENTATIVE SITE PHOTOGRAPHS**

Date	Location	Photo	Description
7/17/19	Mesa Substation		Photo 19 – Bird buffer placed on the west side of the Mesa operations building. Photo facing north.
7/17/19	Mesa Substation		Photo 20 - Temporary office building installation within the telecommunications corridor east of Marketplace. Photo facing east.

<b>Completed by:</b>	Vince Semonsen
<b>Firm:</b>	Ecotech Resources, Inc.
<b>Date:</b>	7/19/19

<b>Reviewed by:</b>	Jeff Root
<b>Firm:</b>	Ecotech Resources, Inc.
<b>Date:</b>	07/22/19



## Mesa 500–kV Substation Project CPUC Site Inspection Form

<b>Project:</b>	Mesa 500-kV Substation Project	<b>Date:</b>	July 24, 2019
<b>Project Proponent:</b>	Southern California Edison	<b>Report #:</b>	VS080
<b>Lead Agency:</b>	California Public Utilities Commission	<b>Monitor(s):</b>	Vince Semonsen
<b>CPUC PM:</b>	Connie Chena, Energy Division	<b>AM/PM Weather:</b>	Sunny and hot temperatures with a slight breeze
<b>E &amp; E CM:</b>	Silvia Yanez	<b>Start/End Time:</b>	1030 to 1245
<b>Project NTP(s):</b>	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)

<b>Worker Environmental Awareness Program (WEAP) Training</b>	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		
<b>Erosion and Dust Control (Air and Water Quality)</b>	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		
<b>Equipment</b>	Yes	No	N/A
Are observed vehicles maintaining a speed limit of 15 mph on unpaved roads? <i>Except for the scrapers.</i>	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		
<b>Work Areas</b>	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		
<b>Biology</b>	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	
<b>Cultural and Paleontological Resources</b>	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	
<b>Hazardous Materials</b>	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		
<b>Work Hours and Noise</b>	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 work, the Mesa Operations Building work, the stormwater drainpipe system, conduit installation, wall construction, and the Transmission Corridor north of Potrero Grande Drive.

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

I arrived onsite 1030. It was a sunny day, and the temperature outside was nearly 100 degrees. I notified Project Coordinator Pete Lubich (ULM Services, Inc.) that I was onsite. The rumble plates at the main project entry/exit needed cleaning – Photo 1.

There was conduit work being conducted at numerous locations throughout the project site. Photos 2 and 3 show conduit installation in the area near the northern boundary retaining wall.

Work at the northern boundary wall continued with the installation of rebar being completed – Photo 4 – ahead of concrete application – Photo 5. The concrete was being sprayed on the wall. A crew was using a small backhoe to dig a trench above the retaining wall; I assumed it was for a northern boundary wall/fence – Photo 6.

Some of the crews set up makeshift shaded break areas – Photo 7.

More soil was brought into the southeastern corner of the large detention basin – Photo 8. The detention basin was supporting a significant amount of Russian thistle.

The roadway located at the gate area along the southern boundary road was being poured – Photo 9. I talked with the Power Grade foreman about their progress.

Wire installation was being conducted within the 66-kilovolt (kV) switchrack area – Photo 10. Other installation and connection work continued within the 220-kV switchrack area – Photo 11.

The concrete washout location near the southeastern portion of the project site appeared to be in the process of being dismantled – Photo 12. The area under and around the washout bins contained a large quantity of dried concrete that needed to be cleaned.

A loader was parked near the Mesa Operations Building. The engine was running and had no drip pans underneath – Photo 13. I notified the Prava construction superintendent; he mentioned that he would contact Power Grade. The equipment remained idling for the remainder of my site visit. I sent Project Coordinator Pete Lubich (ULM Services, Inc.) a text about this as I exited the site.

The bird buffer was removed from the southwestern corner of the Mesa Operations Building and earthwork was ongoing along the eastern boundary – Photo 14 – as well as along with forming foundation pads – Photo 15. Around four- or five-man lifts were parked near the building, all of which had drip pans placed underneath – Photo 16.

I did not see any biological monitors onsite; I contacted biological monitor Matt Daniele (ICF) and responded that he was in a meeting. He mentioned that other biological monitors onsite were Karly Moore and Ben Smith (both ICF).

SCE line crews were working on tubular steel poles (TSPs) at the Transmission Corridor east of the Market Place – 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 completed Worker Environmental Awareness Program (WEAP) training (MM BR-5). See the mitigation measures (MMs) listed in the observed activities.

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

Check on drip pans and watch for 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**

<b>Date</b>	<b>Location</b>	<b>Photo</b>	<b>Description</b>
7/24/19	Mesa Substation		Photo 1 – Main project exit/entry needs cleaning.
7/24/19	Mesa Substation		Photo 2 – Conduit installation. Photo facing north.




**REPRESENTATIVE SITE PHOTOGRAPHS**




Date	Location	Photo	Description
7/24/19	Mesa Substation		Photo 3 – Conduit work area near the northern retaining wall. Photo facing east.
7/24/19	Mesa Substation		Photo 4 – Northern retaining wall rebar work. Photo facing northwest.
7/24/19	Mesa Substation		Photo 5 – Spraying concrete on the inside of the northern retaining wall. Photo facing northwest.



**REPRESENTATIVE SITE PHOTOGRAPHS**




Date	Location	Photo	Description
7/24/19	Mesa Substation		Photo 6 – Trenching for the northern boundary fence. Photo facing north.
7/24/19	Mesa Substation		Photo 7 – Temporary shade structure. Photo facing south.
7/24/19	Mesa Substation		Photo 8 – Excess soil deposited in the large detention basin. Photo facing northwest.

**REPRESENTATIVE SITE PHOTOGRAPHS**

<b>Date</b>	<b>Location</b>	<b>Photo</b>	<b>Description</b>
7/24/19	Mesa Substation		Photo 9 – Pouring the new road near the project gate along the southern project boundary. Photo facing west.
7/24/19	Mesa Substation		Photo 10 – Wire installation in the 66-kV switchrack area. Photo facing north.
7/24/19	Mesa Substation		Photo 11 – Equipment installation work at the 220-kV switchrack area.



**REPRESENTATIVE SITE PHOTOGRAPHS**


Date	Location	Photo	Description
7/24/19	Mesa Substation		Photo 12 – Concrete washout area needs cleaning. Photo facing southwest.
7/24/19	Mesa Substation		Photo 13 – Parked & idling loader – no drip pans placed underneath.
7/24/18	Mesa Substation		Photo 14 – Earth work below the eastern boundary wall at the Mesa Operations Building site. Photo facing north.

**REPRESENTATIVE SITE PHOTOGRAPHS**

<b>Date</b>	<b>Location</b>	<b>Photo</b>	<b>Description</b>
7/24/18	Mesa Substation		Photo 15 – Wooden forms being placed for a concrete pour near the Mesa Operations Building eastern retaining wall. Photo facing north.
7/24/18	Mesa Substation		Photo 16 – Parked man lifts outside the Mesa Operations Building all have drip pans. Photo facing east.



**REPRESENTATIVE SITE PHOTOGRAPHS**

Date	Location	Photo	Description
7/24/18	Mesa Substation		Photo 17 – Work on and around the TSPs within the telecommunications corridor, located east of Market Place Drive. Photo facing north.

<b>Completed by:</b>	Vince Semonsen
<b>Firm:</b>	Ecotech Resources, Inc.
<b>Date:</b>	7/26/19

<b>Reviewed by:</b>	Jeff Root
<b>Firm:</b>	Ecotech Resources, Inc.
<b>Date:</b>	07/27/19





## Mesa 500–kV Substation Project CPUC Site Inspection Form

<b>Project:</b>	Mesa 500-kV Substation Project	<b>Date:</b>	July 31, 2019
<b>Project Proponent:</b>	Southern California Edison	<b>Report #:</b>	VS081
<b>Lead Agency:</b>	California Public Utilities Commission	<b>Monitor(s):</b>	Vince Semonsen
<b>CPUC PM:</b>	Connie Chen, Energy Division	<b>AM/PM Weather:</b>	Overcast with cool temperatures and a slight breeze
<b>E &amp; E CM:</b>	Silvia Yanez	<b>Start/End Time:</b>	0800 to 1030
<b>Project NTP(s):</b>	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)

<b>Worker Environmental Awareness Program (WEAP) Training</b>	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		
<b>Erosion and Dust Control (Air and Water Quality)</b>	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		
<b>Equipment</b>	Yes	No	N/A
Are observed vehicles maintaining a speed limit of 15 mph on unpaved roads? <i>Except for the scrapers.</i>	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		
<b>Work Areas</b>	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		
<b>Biology</b>	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	
<b>Cultural and Paleontological Resources</b>	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	
<b>Hazardous Materials</b>	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		
<b>Work Hours and Noise</b>	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 work, the Mesa Operations Building work, the stormwater drainpipe system, conduit installation, wall construction, and the Transmission Corridor north of Potrero Grande Drive.

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

I arrived onsite at 0800. Project Coordinator Pete Lubich (ULM Services, Inc.) was away on vacation. I notified biological monitor Matt Daniele (ICF) at the end of my site visit to discuss the project and concerns. My initial observation was that rumble plates at the main project entry/exit still needed cleaning – Photo 1.

Work at the northern boundary retaining wall continued. A large crew was installing rebar along the inside of the wall – Photo 2. Crews applied concrete on approximately half of the retaining wall. Another crew was installing brick for the boundary wall above the retaining wall – Photo 3. A mortar mixing station was set up near the work area and it appeared clean – Photo 4. I spoke to the Power Grade foreman about my concerns.

Conduit and conduit vault installation continued at several locations – Photos 5 & 6. Climbing structures (i.e., boards) were placed in the open excavations overnight to assist any trapped animals.

A motorgrader and loader were digging out soil between the 66-kilovolt (kV) switchrack and the 220-kV switchrack areas – Photo 7. This material was transported to the soil stockpile area, located south of the Existing Mesa Substation. Water trucks were spraying this area regularly for dust suppression.

A crew with a drilling rig was digging holes near a gate area along the project wall – Photo 8. Upon completion, crews covered the holes with plywood.

A wet area was located near the bottom of the southeastern corner of the large detention basin. – Photo 9. It has been there for several weeks, in addition to small pools of water at the base.

A lot of ground wire work was being completed around the 66-kV switchrack and 220-kV switchrack areas, mostly on the southern sides – Photo 10. The work included trenching, installation, and backfilling, followed by gravel spreading. The gas-powered generators utilized were well contained.

Several crews were operating manlifts on the aboveground equipment – Photo 11.

A large excavator and a bulldozer were parked without drip pans placed underneath. I noticed that the plastic-lined containment basin built for the loader was not made wide enough since leaking fluids were observed outside of the basin – Photo 12.

Earthwork continued along the eastern boundary of the Mesa Operations Building, including the drilling of foundation holes for the new light posts – Photo 13. Conduit installation was being completed near the northern side of the building – 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 completed Worker Environmental Awareness Program (WEAP) training (MM BR-5). See the mitigation measures (MMs) listed in the observed activities.



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

Check on drip pans and watch for 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
7/31/19	Mesa Substation		Photo 1 – Main project exit/entry still needed cleaning. Photo facing south.
7/31/19	Mesa Substation		Photo 2 – Retaining wall work. Photo facing west.
7/31/19	Mesa Substation		Photo 3 – Brick laying for the northern boundary wall. Photo facing northeast.



**REPRESENTATIVE SITE PHOTOGRAPHS**



Date	Location	Photo	Description
7/31/19	Mesa Substation		Photo 4 – Northern wall mortar mixing station. Photo facing southwest.
7/31/19	Mesa Substation		Photo 5 – Conduit work near the northern retaining wall. Photo facing east.
7/31/19	Mesa Substation		Photo 6 – Conduit work near the southern boundary wall. Photo facing west.



**REPRESENTATIVE SITE PHOTOGRAPHS**



Date	Location	Photo	Description
7/31/19	Mesa Substation		Photo 7 – Removing dirt between the 66-kV and 220-kV switchrack areas. Photo facing south.
7/31/19	Mesa Substation		Photo 8 – Drilling light pole foundation holes. Photo facing west.
7/31/19	Mesa Substation		Photo 9 – Wet area on the detention basin wall. Photo facing south.

**REPRESENTATIVE SITE PHOTOGRAPHS**

<b>Date</b>	<b>Location</b>	<b>Photo</b>	<b>Description</b>
7/31/19	Mesa substation		Photo 10 – Wire installation in the 66-kV switchrack area – note the well contained gas-generator. Photo facing north.
7/31/19	Mesa Substation		Photo 11 – Equipment installation work within the 220-kV switchrack area. Photo facing north.




**REPRESENTATIVE SITE PHOTOGRAPHS**

Date	Location	Photo	Description
7/31/19	Mesa substation		Photo 12 – Catch basin was not built wide enough to catch leaking fluids.
7/31/19	Mesa substation/ Mesa Operations Building		Photo 13 – Earth work below the eastern boundary wall at the Mesa Operations Building site. Photo facing north.



**REPRESENTATIVE SITE PHOTOGRAPHS**

Date	Location	Photo	Description
7/31/18	Mesa substation/ Mesa Operations Building		Photo 14 – Conduit work on the north side of the Mesa Operations Building. Photo facing west.

<b>Completed by:</b>	Vince Semonsen
<b>Firm:</b>	Ecotech Resources, Inc.
<b>Date:</b>	8/02/19

<b>Reviewed by:</b>	Jeff Root
<b>Firm:</b>	Ecotech Resources, Inc.
<b>Date:</b>	08/02/19