



March 12, 2021

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

**Re: Monthly Report Summary #38 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 **November 1 to 30, 2020**, 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 WSP USA Inc. (WSP), formerly Ecology and Environment, Inc., compliance team during this reporting period focused on spot-checks of ongoing construction activities. Compliance Monitor Vince Semonsen visited the Mesa Substation construction sites on **November 4, 11, and 19, 2020**. 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).

No compliance incidences occurred during the period from November 1 to 30, 2020. Overall, the Mesa Substation Project has maintained compliance with the Mitigation Monitoring, Compliance, and Reporting Program's (MMCRP) Compliance Plan. Communication between the CPUC/WSP 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/WSP and SCE, along with daily schedule updates and automated

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database notifications from SCE, provided additional compliance information and construction summaries. Furthermore, SCE's monthly compliance status report for November 2020 provided a compliance summary and included a description of construction activities from November 1 to 30, 2020, 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**

No compliance incidences occurred during the November 2020 reporting period.

### **Noise Compliance**

No noise exceedances occurred during the November 2020 reporting period.

### **Spills**

No spills were reported during the November 2020 reporting period.

### **Public Concerns**

No public concerns were raised during November 2020.

### **Minor Project Changes**

No Minor Project Changes occurred during the November 2020 reporting period.

Sincerely,



Silvia Yanez  
Project Manager, Ecology and Environment, Inc.

cc:

Lori Rangel, SCE  
Don Dow, SCE

# ATTACHMENT 1

CPUC Site Inspection Reports  
November 4, 11, and 19, 2020



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

<b>Project:</b>	Mesa 500-kV Substation Project	<b>Date:</b>	November 4, 2020
<b>Project Proponent:</b>	Southern California Edison (SCE)	<b>Report #:</b>	VS142
<b>Lead Agency:</b>	California Public Utilities Commission (CPUC)	<b>Monitor(s):</b>	Vince Semonsen
<b>CPUC PM:</b>	Connie Chen, Energy Division	<b>AM/PM Weather:</b>	Warm and calm with hazy sunshine
<b>WSP CM:</b>	Silvia Yanez	<b>Start/End time:</b>	1100 to 1245 hours
<b>Project NTP(s):</b>	Notice to Proceed (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 (Best Management Practices [BMPs]) been installed?		X	
<b><i>Are erosion and sediment control measures (BMPs) properly installed (without apparent deficiencies) and functioning as intended during rain events?</i></b>	X		
Are measures in place to avoid/minimize mud tracking onto public roadways, in accordance with the project's Storm Water Pollution Prevention Plan (SWPPP)?	X		
Is dust control being implemented (i.e., access roads watered, haul trucks covered, soil 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 miles per hour 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 onsite 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 drainage pipe 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 1100 hours and met with Lead Environmental Inspector (LEI) Matt Daniele.

The first stop was within the transmission corridor east of the project site and east of the construction trailers. A crew was working in the lattice steel towers, replacing the existing raptor nest exclusion balls with a new set of exclusion balls of a more sturdy construction (Photo 1). The LEI convinced SCE to purchase buoy balls which were tougher than the existing kiddie jumper balls (Photo 2). In addition to adding buoy balls, in Tower 1-18-5, an existing red-tail hawk (*Buteo jamaicensis*) nest was being removed at the direction of Avian Biologist Wayne Woodroof. Prior to removing the nest, crews sent Mr. Woodroof pictures to verify that there was nothing of importance in the nest.

I drove to the Potrero Grande Drive entrance noting that street sweepers were cleaning the public roadways around the project site. Water trucks were minimizing the dust along the project access roads and the various work areas.

Additional security stations were being installed along the main access road, with protective barriers built in front of them (Photo 3). Equipment assembly was ongoing within the 16-kilovolt (kV) and 66-kV rack areas.

At the detention basin work continued sealing the walls with shotcrete and the riprap placement was completed (Photo 4). The concrete washout bins were located near the basin (Photo 5). The standpipe was in place and appeared to have several 3-inch by 9-inch holes cut in it (Photo 6).

The small triangular catch basin appeared to be in the same condition as last week (Photo 7). I noted sediment in the V ditch that directed water into the small basin (Photo 8). The slope above the V ditch had been weeded. We discussed the upcoming rainy season and about the project's Qualified SWPPP Practitioner developing a Rain Event Action Plan for the project site.

Work continued along the southern portion of the project site near the Environmentally Sensitive Area (ESA). Crews were building lattice steel towers and installing the exclusion balls (Photo 9). A wire pulling crew had equipment set up nearby. An avian biologist was overseeing the work in this area.

Soil work continued by Power Grade crews in preparation for the Phase 4 substation construction (Photos 10 and 11). Another Power Grade crew was working on the southeastern portion of the boundary wall (Photo 12). Portions of the Phase 4 area were taped off with hazardous materials being removed (Photo 13).

The Professional Electrical Construction Services crews continued to work on new foundations, and the installation of grounding wire and conduit (Photos 14 and 15). The open holes were properly sealed with secondary containment in place.

**MITIGATION MEASURES VERIFIED** (Refer to Mitigation Monitoring, Compliance, and Reporting Program, e.g., MM BR-9. Report only on MMs pertinent to your observations today)

All project personnel appear to have been WEAP trained (MM BR-5).

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

Verify whether the standpipe in the detention basin should have holes in it.

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

The 2020/2021 rainy season would be starting soon; rainwater runoff issues should be evaluated.

**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 WSP Compliance Manager. Inform WSP 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 applicant proposed measures, mitigation measures, permit conditions, approval requirements (e.g., minor project changes, notice to proceed), and/or violates local, state, or federal law. Examples include irreparable damage to archaeological sites, destruction of active bird nests, and grading of unapproved vegetated areas. A non-compliance Level 3 may also be issued if Level 2 incidents are repeated. If you checked this box, please fill out a Non-Compliance Report.
- Non-compliance issues reported by SCE: Were there any new non-compliance issues reported by SCE monitors since your last visit? If so, describe issues and resolution and include SCE report identification number.

Date	Non-compliance issue and resolution	Relevant Mitigation Measure	NC Report #




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

**REPRESENTATIVE SITE PHOTOGRAPHS**

Date	Location	Photo	Description
11/04/20	Mesa Substation		Photo 1 – Crew removing existing raptor nest exclusion balls and installing new ones. Photo facing east.
11/04/20	Mesa Substation		Photo 2 – Exclusion balls in one of the lattice steel towers.
11/04/20	Mesa Substation		Photo 3 – Security station being installed with protective barriers. Photo facing south.






**REPRESENTATIVE SITE PHOTOGRAPHS**




Date	Location	Photo	Description
11/04/20	Mesa Substation		Photo 4 – Work within the detention basin. Photo facing north.
11/04/20	Mesa Substation		Photo 5 – Concrete washout station near the detention basin. Photo facing east.
11/04/20	Mesa Substation		Photo 6 – Standpipe in the detention basin with holes cut in the pipe.






**REPRESENTATIVE SITE PHOTOGRAPHS**

Date	Location	Photo	Description
11/04/20	Mesa Substation		Photo 7 – Small triangular catch basin with sediment present. Photo facing southwest.
11/04/20	Mesa Substation		Photo 8 – Weeded slope with V ditch filled with sediment. Photo facing east.
11/04/20	Mesa Substation		Photo 9 – New lattice steel towers with a wire stringing crew. Photo facing southeast.



REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
11/04/20	Mesa Substation		Photo 10 – Earthwork continued by Power Grade crews. Photo facing northwest.
11/04/20	Mesa Substation		Photo 11 – Earthwork continued by Power Grade crews. Photo facing south.
11/04/20	Mesa Substation		Photo 12 – Installation of the boundary wall near the southeastern corner of the project site. Photo facing east.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
11/04/20	Mesa Substation		Photo 13 – Portions of the Phase 4 area taped off for removal of hazardous materials. Photo facing south.
11/04/20	Mesa Substation		Photo 14 – Ongoing foundation work by Professional Electrical Construction Services with the Phase 4 area. Photo facing south.
11/04/20	Mesa Substation		Photo 15 – Grounding wire installation around the transformer foundations. Photo facing northwest.

<b>Completed by:</b>	Vince Semonsen
<b>Firm:</b>	Ecotech Resources, Inc.
<b>Date:</b>	11/09/20

<b>Reviewed by:</b>	Jeff Root
<b>Firm:</b>	Ecotech Resources, Inc.
<b>Date:</b>	11/17/20





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

<b>Project:</b>	Mesa 500-kV Substation Project	<b>Date:</b>	November 11, 2020
<b>Project Proponent:</b>	Southern California Edison (SCE)	<b>Report #:</b>	VS143
<b>Lead Agency:</b>	California Public Utilities Commission (CPUC)	<b>Monitor(s):</b>	Vince Semonsen
<b>CPUC PM:</b>	Connie Chen, Energy Division	<b>AM/PM Weather:</b>	Sunny and warm, with a slight breeze
<b>WSP CM:</b>	Silvia Yanez	<b>Start/End time:</b>	1330 to 1630 hours
<b>Project NTP(s):</b>	Notice to Proceed (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 (Best Management Practices [BMPs]) been installed?		X	
<b><i>Are erosion and sediment control measures (BMPs) properly installed (without apparent deficiencies) and functioning as intended during rain events?</i></b>	X		
Are measures in place to avoid/minimize mud tracking onto public roadways, in accordance with the project's Storm Water Pollution Prevention Plan (SWPPP)?	X		
Is dust control being implemented (i.e., access roads watered, haul trucks covered, soil 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 miles per hour 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 onsite 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 drainage pipe 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 1330 hours and met with Avian Biologist Wayne Woodroof at the Potrero Grande Drive entrance. Street sweepers were cleaning the public roadways around the project site.

I drove into the project site where work continued on the security stations being installed along the main access road, with protective barriers built in front of them (Photo 1).

Mr. Woodroof and I headed to the detention basin where workers were lining the entire bioswale with plastic sheeting (Photo 2). Gravel was being delivered and spread around the outside of the detention basins and within the western portion of the detention basin (Photo 3). The plastic was removed from the standpipe further revealing the numerous holes cut in the pipe; a line of gravel bags was installed around it (Photo 4).

The sediment remained in the V ditch that directed water into the small triangular catch basin located in the northwestern corner of the project site (Photo 5). The slope above the V ditch was weeded; Mr. Woodroof and I discussed whether there was a restoration plan for this slope. Sediment also remained in the small triangular catch basin.

We drove east along the southern portion of the project noting the ongoing Power Grade earthwork (Photo 6). Areas of hazardous materials cleanup were taped off (Photo 7). Mr. Woodroof said a cleanup crew was coming in at night to address the hazardous materials, storing it in sealed containers and hauling it offsite (Photo 8).

I inspected the drainage area outside of the southern boundary wall where rainwater runoff goes from the southeastern portion of the project site. The BMPs installed the previous year along this stretch were not adequate to remove sediment from the runoff and needed to be replaced (Photo 9). I was awaiting the development of a Rain Event Action Plan for the project site.

Work continued along the southern portion of the project site near the Environmentally Sensitive Area (ESA), with crews building lattice steel towers and installing the exclusion balls (Photo 10). An avian biologist was overseeing the work in this area.

Excavation for the boundary wall foundation was being performed at several locations (Photos 11 and 12). In Photo 12, the area was being excavated for the wall foundation and the soil was transferred to another project area outside of the Mesa project boundary (Photo 13). A Power Grade crew was excavating a trench for the transformer drainage (Photo 14). The hole was very deep and Mr. Woodroof ensured an earthen ramp would be constructed for any wildlife that could fall in.

The Professional Electrical Construction Services crews continued to work on the new substation infrastructure (Photo 15), and the installation of transformer foundations, conduit, and grounding wire (Photo 16).

Water trucks were minimizing the dust along the project access roads and the various work areas.

**MITIGATION MEASURES VERIFIED** (Refer to Mitigation Monitoring, Compliance, and Reporting Program, e.g., MM BR-9. Report only on MMs pertinent to your observations today)

All project personnel appear to have been WEAP trained (MM BR-5).

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

Verify whether the standpipe in the detention basin should have holes in it.



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

The 2020/2021 rainy season would be starting soon; rainwater runoff issues should be evaluated.

**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 WSP Compliance Manager. Inform WSP 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 applicant proposed measures, mitigation measures, permit conditions, approval requirements (e.g., minor project changes, notice to proceed), and/or violates local, state, or federal law. Examples include irreparable damage to archaeological sites, destruction of active bird nests, and grading of unapproved vegetated areas. A non-compliance Level 3 may also be issued if Level 2 incidents are repeated. If you checked this box, please fill out a Non-Compliance Report.
- Non-compliance issues reported by SCE: Were there any new non-compliance issues reported by SCE monitors since your last visit? If so, describe issues and resolution and include SCE report identification number.

Date	Non-compliance issue and resolution	Relevant Mitigation Measure	NC Report #




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

**REPRESENTATIVE SITE PHOTOGRAPHS**

Date	Location	Photo	Description
11/11/20	Mesa Substation		Photo 1 – Security station being installed with protective barriers. Photo facing south.
11/11/20	Mesa Substation		Photo 2 – Plastic being placed in the detention basin. Photo facing south.
11/11/20	Mesa Substation		Photo 3 – Gravel was added to the western portion of the detention basin. Photo facing south.






**REPRESENTATIVE SITE PHOTOGRAPHS**




Date	Location	Photo	Description
11/11/20	Mesa Substation		Photo 4 – The standpipe in the detention basin with numerous holes in the pipe.
11/11/20	Mesa Substation		Photo 5 – Weeded slope with V ditch filled with sediment. Photo facing east.
11/11/20	Mesa Substation		Photo 6 – Earthwork continued by Power Grade crews. Photo facing northeast.



**REPRESENTATIVE SITE PHOTOGRAPHS**




Date	Location	Photo	Description
11/11/20	Mesa Substation		Photo 7 – Areas with hazardous materials were tapped off. Photo facing north.
11/11/20	Mesa Substation		Photo 8 – Bins containing hazardous materials to be hauled offsite. Photo facing northeast.
11/11/20	Mesa Substation		Photo 9 – Existing BMPs outside of the southern boundary wall needed to be replaced. Photo facing southwest.

**REPRESENTATIVE SITE PHOTOGRAPHS**


Date	Location	Photo	Description
11/11/20	Mesa Substation		Photo 10 – New lattice steel towers with a wire stringing crew. Photo facing southeast.
11/11/20	Mesa Substation		Photo 11 – Excavation of the boundary wall foundation. Photo facing east.
11/11/20	Mesa Substation		Photo 12 – Excavation being performed along the wall installation area. Photo facing east.



**REPRESENTATIVE SITE PHOTOGRAPHS**

Date	Location	Photo	Description
11/11/20	Mesa Substation		Photo 13 – Excess soil being moved to another project area outside the Mesa project boundary. Photo facing east.
11/11/20	Mesa Substation		Photo 14 – Trenching for the transformer overflow pipe. Photo facing south.
11/11/20	Mesa Substation		Photo 15 – Ongoing infrastructure installation within the Phase 4 area by Professional Electrical Construction Services. Photo facing south.

**REPRESENTATIVE SITE PHOTOGRAPHS**

Date	Location	Photo	Description
11/11/20	Mesa Substation		Photo 16 – Transformer fire walls built by Professional Electrical Construction Services. Photo facing northwest.

<b>Completed by:</b>	Vince Semonsen
<b>Firm:</b>	Ecotech Resources, Inc.
<b>Date:</b>	11/16/20

<b>Reviewed by:</b>	Jeff Root
<b>Firm:</b>	Ecotech Resources, Inc.
<b>Date:</b>	11/17/20



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

<b>Project:</b>	Mesa 500-kV Substation Project	<b>Date:</b>	November 19, 2020
<b>Project Proponent:</b>	Southern California Edison (SCE)	<b>Report #:</b>	VS144
<b>Lead Agency:</b>	California Public Utilities Commission (CPUC)	<b>Monitor(s):</b>	Vince Semonsen
<b>CPUC PM:</b>	Connie Chen, Energy Division	<b>AM/PM Weather:</b>	Sunny, warm, and calm
<b>WSP CM:</b>	Silvia Yanez	<b>Start/End time:</b>	1130 to 1330 hours
<b>Project NTP(s):</b>	Notice to Proceed (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 had 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 (Best Management Practices [BMPs]) been installed?		X	
<b><i>Are erosion and sediment control measures (BMPs) properly installed (without apparent deficiencies) and functioning as intended during rain events?</i></b>	X		
Are measures in place to avoid/minimize mud tracking onto public roadways, in accordance with the project's Storm Water Pollution Prevention Plan (SWPPP)?	X		
Is dust control being implemented (i.e., access roads watered, haul trucks covered, soil 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 miles per hour 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 onsite 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 drainage pipe 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 hours and noted installation work on the new lattice steel tower installed within the telecommunications corridor near the construction trailers (Photo 1). Portions of the existing tower was being staged north of the trailers (Photo 2). Some additional footings were being poured for another lattice steel tower adjacent to the newly installed tower (Photo 3).

I headed into the construction area and met with Pete Lubich, who escorted me on my site visit. Our first stop was at the detention basin. Trucks were delivering sand and pea gravel to the bioswale where equipment was spreading it over the plastic (Photo 4). Additional piping and mulch layers remained to be added to the bioswale.

According to Mr. Lubich, the western side of the detention basin was completed with the grate installed over the upper drain outlet (Photo 5). All construction materials and debris were removed from around the detention basin and gravel had been placed over the soil (Photo 6).

Sediment remained in the V ditch running east to west below the north facing slope, and sediment remained in the small triangular catch basin.

We drove to the staging area along the southern portion of the project (Photo 7). I inspected the BMPs outside of the southern boundary wall and noted that they had not been upgraded. A Rain Event Action Plan for the project site had not been developed yet.

Wire pulling work continued in the new lattice steel towers located along the southern portion of the project site near the Environmentally Sensitive Area (ESA) (Photo 8). An avian biologist was overseeing the work in this area. Piles of existing lattice steel towers were stockpiled in the area.

Work on the southern boundary wall continued, with brick installation being completed (Photo 9) along with trenching work for the wall foundation (Photo 10). Excess soil from the trenching work and from other soil moving activities was being delivered to the offsite project area in the southeastern corner of the construction zone (Photo 11). Excavation by Power Grade crews continued within the Phase 4 area (Photo 12). Power Grade was also working on the transformer drainage system with portions of the pipe installed and slurry applied (Photo 13).

Mr. Lubich introduced me to John Lino, the Professional Electrical Construction Services superintendent. I also meet Adrian Vasquez from Professional Electrical Construction Services, who described the work they were performing. Professional Electrical Construction Services was working on foundation installation (Photo 14) and the installation of the infrastructure around the transformer foundations (Photos 15 and 16).

Water trucks were minimizing the dust along the project access roads and the various work areas.

**MITIGATION MEASURES VERIFIED** (Refer to Mitigation Monitoring, Compliance, and Reporting Program, e.g., MM BR-9. Report only on MMs pertinent to your observations today)

All project personnel appear to had been WEAP trained (MM BR-5).

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

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

The 2020/2021 rainy season would be starting soon; rainwater runoff issues should be evaluated.

**COMPLIANCE SUMMARY**



Below please describe any non-compliance issues or new biological/cultural discoveries that had 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 WSP Compliance Manager. Inform WSP 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 applicant proposed measures, mitigation measures, permit conditions, approval requirements (e.g., minor project changes, notice to proceed), and/or violates local, state, or federal law. Examples include irreparable damage to archaeological sites, destruction of active bird nests, and grading of unapproved vegetated areas. A non-compliance Level 3 may also be issued if Level 2 incidents are repeated. If you checked this box, please fill out a Non-Compliance Report.
- Non-compliance issues reported by SCE: Were there any new non-compliance issues reported by SCE monitors since your last visit? If so, describe issues and resolution and include SCE report identification number.

Date	Non-compliance issue and resolution	Relevant Mitigation Measure	NC Report #

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

**REPRESENTATIVE SITE PHOTOGRAPHS**




Date	Location	Photo	Description
11/19/20	Mesa Substation	 <p>A tall, lattice steel tower is under construction. A large blue and white crane is positioned to the right, with its boom extended towards the tower. The tower is situated in an open area with a parking lot in the foreground and other utility structures in the background under a clear blue sky.</p>	Photo 1 – Wire work on a new lattice steel tower. Photo facing east.
11/19/20	Mesa Substation	 <p>A large lattice steel tower structure is shown in a collapsed or partially dismantled state. It is situated on a dirt embankment. In the background, there are construction trailers and other utility structures under a clear sky.</p>	Photo 2 – Portions of the existing lattice steel tower near the construction trailers. Photo facing west.



**REPRESENTATIVE SITE PHOTOGRAPHS**




Date	Location	Photo	Description
11/19/20	Mesa Substation		Photo 3 – Pouring foundations for a new lattice steel tower near the construction trailers. Photo facing south.
11/19/20	Mesa Substation		Photo 4 – Pea gravel being delivered into the bioswale portion of the detention basin. Photo facing north.
11/19/20	Mesa Substation		Photo 5 – The western portion of the detention basin was completed. Photo facing northwest.

**REPRESENTATIVE SITE PHOTOGRAPHS**

Date	Location	Photo	Description
11/19/20	Mesa Substation		Photo 6 – Gravel delivered to cover the area west of the detention basin. Photo facing west.
11/19/20	Mesa Substation		Photo 7 – Staging area and rainwater runoff area outside of the southern boundary wall. Photo facing southwest.
11/19/20	Mesa Substation		Photo 8 – Wire work in the new towers along the southern portion of the project. Photo facing east.



**REPRESENTATIVE SITE PHOTOGRAPHS**



Date	Location	Photo	Description
11/19/20	Mesa Substation		Photo 9 – Brick installation on the southern boundary wall. Photo facing north.
11/19/20	Mesa Substation		Photo 10 – Excavation for the boundary wall foundation. Photo facing east.
11/19/20	Mesa Substation		Photo 11 – Excess soil being delivered to an offsite project area. Photo facing east.

**REPRESENTATIVE SITE PHOTOGRAPHS**


Date	Location	Photo	Description
11/19/20	Mesa Substation		Photo 12 – Power Grade continued earthwork activities within the Phase 4 area of the project. Photo facing south.
11/19/20	Mesa Substation		Photo 13 – Trenching for and installation of the transformer overflow pipe. Photo facing south.



**REPRESENTATIVE SITE PHOTOGRAPHS**

<b>Date</b>	<b>Location</b>	<b>Photo</b>	<b>Description</b>
11/19/20	Mesa Substation	 A wide-angle photograph of a construction site at the Mesa Substation. The ground is mostly dirt with some concrete foundations laid out. In the background, several tall metal structures are under construction, and a yellow crane is visible. The sky is clear and blue.	Photo 14 – Phase 4 foundation work. Photo facing west.
11/19/20	Mesa Substation	 A close-up photograph of large, silver metal infrastructure structures being installed at the Mesa Substation. The structures are tall and have a lattice-like design. A yellow crane is positioned to the left, and a concrete wall is visible in the background. The sky is clear and blue.	Photo 15 – Ongoing infrastructure installation within the Phase 4 area by Professional Electrical Construction Services. Photo facing north.

**REPRESENTATIVE SITE PHOTOGRAPHS**

Date	Location	Photo	Description
11/19/20	Mesa Substation		Photo 16 – Phase 4 transformer foundation preparation. Photo facing east.

<b>Completed by:</b>	Vince Semonsen
<b>Firm:</b>	Ecotech Resources, Inc.
<b>Date:</b>	11/30/20

<b>Reviewed by:</b>	Jeff Root
<b>Firm:</b>	Ecotech Resources, Inc.
<b>Date:</b>	12/01/20