March 3, 2021

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

Re: Monthly Report Summary #34 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, 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 the 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 **July 1, 7, 15, and 21, 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).

One compliance concern occurred during the period from July 1 to 31, 2020, 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/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 database notifications from SCE, provided additional compliance information and construction

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summaries. Furthermore, SCE's monthly compliance status report for July 2020 provided a compliance summary and included a description of construction activities from July 1 to 31, 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

During the July 2020 reporting period, the CPUC issued a Level 1 Non-Compliance.

- On July 10, 2020, SCE received a Level 1 Non-Compliance regarding muddy trackout onto Market Place Drive and Potrero Grande Drive. Copies of street sweeping logs were requested for the period of June 1, 2020, to July 10, 2020, including the contact information for the company that performed the cleaning. BMP issues were previously noted by SCE at the project entrance/exit, including a need for sediment control maintenance. Trackout onto the roadway was noted as early as April 9, 2020. To address the issue, a street sweeping was performed from 0700 to 1700 hours on weekdays to clean the road. On July 20, 2020, nighttime powerwashing was conducted on Market Place Drive to remove the mud.
- Air Quality Management District (AQMD) sent SCE Notices of Violations for trackout incidents from June 25, June 26, and July 7, 2020, on September 25, 2020. By this time, it had been previously acknowledged by AQMD that SCE and the project were in compliance with respect to road conditions (lack of trackout) at the site.

Noise Compliance

No noise exceedances occurred during the July 2020 reporting period.

Spills

No spills were documented during the July 2020 reporting period.

Public Concerns

No public concerns were raised during the July 2020 reporting period.

Minor Project Changes

No Minor Project Changes were requested during the July 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

July 1, 7, 15, and 21, 2020

Mesa 500–kV Substation Project
CPUC Site Inspection Form

Project:	Mesa 500-kV Substation Project	**Date:**	July 1, 2020
Project Proponent:	Southern California Edison (SCE)	**Report #:**	VS126
Lead Agency:	California Public Utilities Commission (CPUC)	**Monitor(s):**	Vince Semonsen
CPUC PM:	Connie Chen, Energy Division	**AM/PM Weather:**	Hazy and warm with a breeze
WSP CM:	Silvia Yanez	**Start/End time:**	1530 to 1730 hours
Project NTP(s):	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)

Worker Environmental Awareness Program (WEAP) Training	Yes	No	N/A
Is the WEAP training in place and does it appear to have been completed by all new hires (construction and monitors)?	X		
Erosion and Dust Control (Air and Water Quality)	Yes	No	N/A
Have temporary erosion and sediment control measures (Best Management Practices [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 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		
Equipment	Yes	No	N/A
Are observed vehicles maintaining a speed limit of 15 miles per hour on unpaved roads? *Except for the scrapers.*	X		
Are observed vehicles/equipment arriving onsite clean of sediment or plant debris?	X		
Are observed vehicles/equipment turned off when not in use?	X		
Work Areas	Yes	No	N/A
Is vegetation disturbance within work areas minimized?	X		
Is exclusionary fencing or flagging in place to protect sensitive biological or cultural resources?	X		
Are observed vehicles, equipment, and construction personnel staying within approved work areas and on approved roads?	X		

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

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

The Mesa Substation 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 1530 hours and checked in with Pete Lubich and Matt Daniele. Neither were available so I was escorted through the site by Duane Cave who works with Mr. Lubich.

Upon entering the site through the eastern entrance, I noted the ongoing earthwork in the area west of the new Mesa Operations Building (Photo 1). The soil was being delivered from the large hill south of this location.

I spoke to Craig Pernot from Power Grade who said the soil work typically lasted until 1700 or sometimes as late as 1900. I asked him about the dewatering work and he expected the pumping and filtering of the water to be completed by the following week (Photo 2). The ground would be muddy and a crew would need to mix it and let it dry before working on the piping and recontouring of the basin. While I was there, I checked with the onsite SWPPP inspector who said that the Nephelometric Turbidity Unit (NTU) levels had risen to over 250, so pumping was stopped to change the filters.

The pile of demolished concrete and asphalt remained onsite until the proper method of disposal for contaminated material could be determined (Photo 3). This information should be received in the following week.

I spoke with Avian Biologist Wayne Woodroof about the nesting bird issues. Approval was received to reduce the coastal California gnatcatcher (*Polioptila californica*) nest buffer to 200 feet (Photo 4), which allowed work on the southern boundary wall to continue (Photo 5). A mourning dove (*Zenaida macroura*) nest was observed on top of a haul truck tire. We discussed the need for earthen ramps on the trenches wherever possible.

Fencing was set up around the transformer catch basin (Photo 6), and much of the conduit trench had been backfilled.

Within the Phase 3 grading area, work was being performed on the northern wall (Photo 7), the demolition of buildings and foundations continued (Photos 8 and 9), and conduit installation was underway (Photo 10). The conduit trench had an earthen ramp at one end.

The Phase 4 work was underway building the transformer foundations (Photo 11).

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)

Continue to check on the retention basin dewatering operation and nesting bird issues.

COMPLIANCE SUGGESTIONS OR ADDITIONAL OBSERVATIONS (i.e., suggestions to improve compliance onsite, 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 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 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.

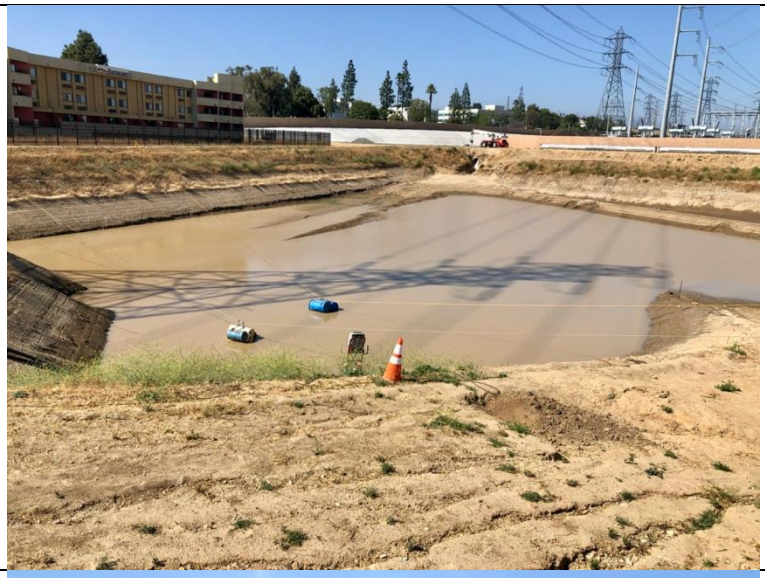
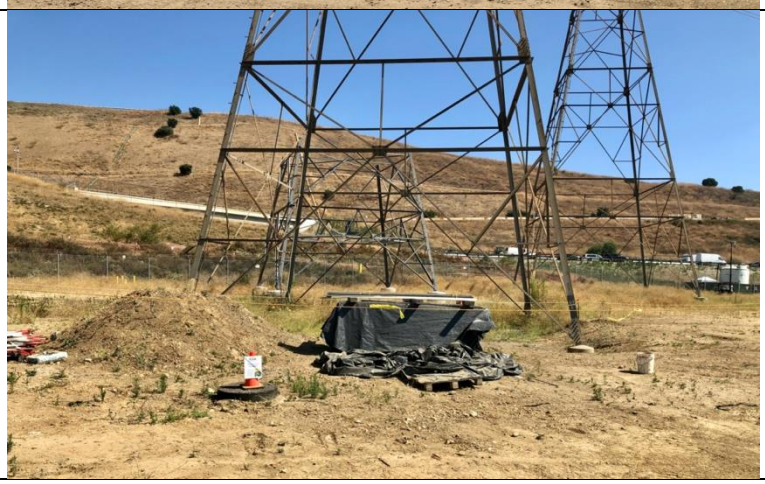
☐ Non-compliance issues reported by SCE: Were there any new non-compliance issues reported by SCE monitors since your last visit? If so, describe issues and resolution and include SCE report identification number.

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
7/01/20	Mesa Substation		Photo 1 – Earthwork near the Mesa Operations Building. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
7/01/20	Mesa Substation		Photo 2 – Water levels in the retention basin. Photo facing northeast.
7/01/20	Mesa Substation		Photo 3 – Concrete and asphalt debris piles. Photo facing north.
7/01/20	Mesa Substation		Photo 4 – Coastal California gnatcatcher buffer. Photo facing south.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
7/01/20	Mesa Substation		Photo 5 – Southern boundary wall construction. Photo facing west.
7/01/20	Mesa Substation		Photo 6 – Transformer catch basin. Photo facing southwest.
7/01/20	Mesa Substation		Photo 7 – Work on the northern boundary wall. Photo facing northeast.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
7/01/20	Mesa Substation		Photo 8 – Foundation removal work. Photo facing south.
7/01/20	Mesa Substation		Photo 9 – Demolition of the various buildings. Photo facing north.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
7/01/20	Mesa Substation		Photo 10 – Conduit trench with sloped exit ramp. Photo facing west.
7/01/20	Mesa Substation		Photo 11 – Phase 4 transformer foundation work. Photo facing south.

Completed by:	Vince Semonsen
Firm:	Ecotech Resources, Inc.
Date:	7/05/20

Reviewed by:	Jeff Root
Firm:	Ecotech Resources, Inc.
Date:	7/06/20

Mesa 500–kV Substation Project
CPUC Site Inspection Form

Project:	Mesa 500-kV Substation Project	**Date:**	July 7, 2020
Project Proponent:	Southern California Edison (SCE)	**Report #:**	VS127
Lead Agency:	California Public Utilities Commission (CPUC)	**Monitor(s):**	Vince Semonsen
CPUC PM:	Connie Chen, Energy Division	**AM/PM Weather:**	Sunny, warm, and breezy
WSP CM:	Silvia Yanez	**Start/End time:**	1400 to 1600 hours
Project NTP(s):	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)

Worker Environmental Awareness Program (WEAP) Training	Yes	No	N/A
Is the WEAP training in place and does it appear to have been completed by all new hires (construction and monitors)?	X		
Erosion and Dust Control (Air and Water Quality)	Yes	No	N/A
Have temporary erosion and sediment control measures (Best Management Practices [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 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		
Equipment	Yes	No	N/A
Are observed vehicles maintaining a speed limit of 15 miles per hour on unpaved roads? *Except for the scrapers.*	X		
Are observed vehicles/equipment arriving onsite clean of sediment or plant debris?	X		
Are observed vehicles/equipment turned off when not in use?	X		
Work Areas	Yes	No	N/A
Is vegetation disturbance within work areas minimized?	X		
Is exclusionary fencing or flagging in place to protect sensitive biological or cultural resources?	X		
Are observed vehicles, equipment, and construction personnel staying within approved work areas and on approved roads?	X		

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

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

The Mesa Substation 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 1400 hours and checked in with Pete Lubich and Matt Daniele. Mr. Lubich was available to escort me through the site.

The area west of the new Mesa Operations building had been filled to grade (Photo 1). Soil continued to be delivered from the hill south of this location and was being delivered from other portions of the Phase 3 grading (Photo 10).

The piles of demolished concrete and asphalt remained onsite until the proper method of disposal for contaminated material could be determined (Photo 2). Guidance on what to do with this material was anticipated soon.

No new nesting bird issues had arisen in the previous week. Biologists were observing the one coastal California gnatcatcher (*Polioptila californica*) nest within the Environmentally Sensitive Area (ESA). The transformer catch basin was nearly complete; Mr. Lubich said they were waiting on one valve part to complete the piping work and then backfilling (Photo 3).

Dewatering continued and was expected to be completed within a week or two. While I was onsite, the Power Grade crew was changing the intake pump location, so no dewatering and filtering was being completed and the SWPPP inspector was not onsite (Photo 4).

Attachment of the artificial Ivy to the southern boundary wall continued (Photo 5). An existing project-related BMP stabilization area remained outside the southern wall where the drainage enters the concrete-lined California Department of Transportation (Caltrans) channel (Photo 6). Mr. Lubich was not aware of the cleanup schedule for this site.

Transformers for the 500-kilovolt (kV) substation continued to be assembled in the 66-kV rack area (Photo 7).

Within the Phase 3 grading area, work continued on the northern wall with drilling and installation of the I-beams (Photo 8). The open holes were adequately covered. Demolition of buildings and foundations was ongoing, but had slowed due to waiting for a determination on how to dispose of the contaminated materials (Photo 9). Soil work continued (Photo 10), as well as the installation of the stormwater drainage pipe system (Photo 11).

The Phase 4 work completed by Professional Electrical Construction Services was focused on the installation of the transformer foundations (Photo 12). They had installed secondary containment pans under their equipment (Photo 13).

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)

Continue to check on the retention basin dewatering operation and nesting bird issues.

COMPLIANCE SUGGESTIONS OR ADDITIONAL OBSERVATIONS (i.e., suggestions to improve compliance onsite, 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 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.

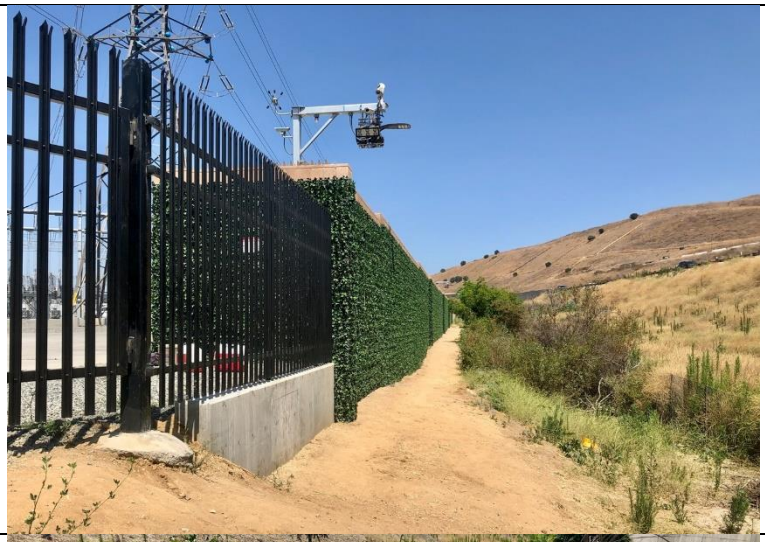
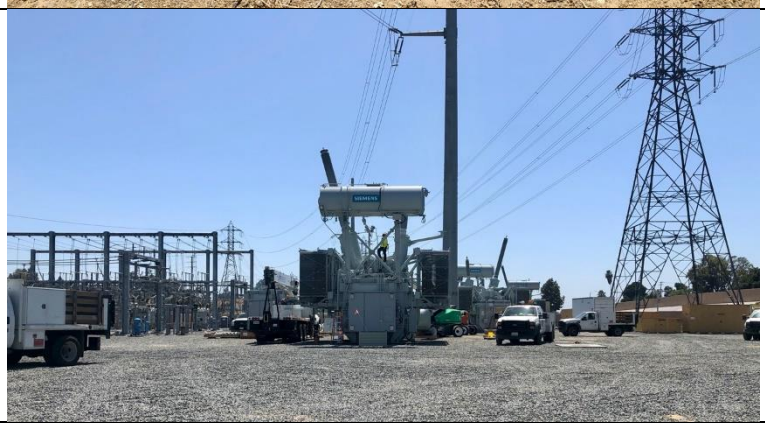
Date	Non-compliance issue and resolution	Relevant Mitigation Measure	NC Report #

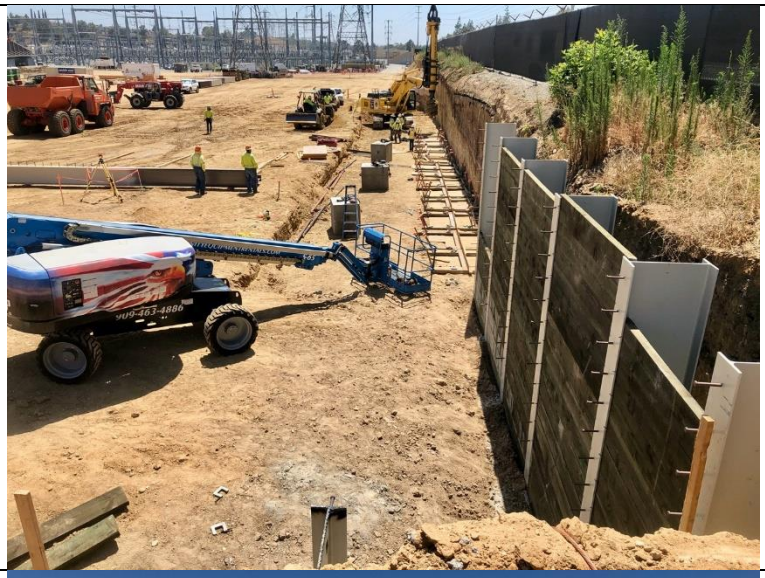
PREVIOUS NON-COMPLIANCE ITEMS REQUIRING FOLLOW-UP OR RESOLVED TODAY:

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
7/07/20	Mesa Substation		Photo 1 – Earthwork near the Mesa Operations Building to regrade. Photo facing northwest.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
7/07/20	Mesa Substation		Photo 2 – Concrete and asphalt debris piles. Photo facing north.
7/07/20	Mesa Substation		Photo 3 – Transformer catch basin. Photo facing east.
7/07/20	Mesa Substation		Photo 4 – Water levels in the retention basin. Photo facing north.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
7/07/20	Mesa Substation		Photo 5 – Southern wall construction and the addition of artificial ivy. Photo facing east.
7/07/20	Mesa Substation		Photo 6 – Existing BMPs at the entrance to the Caltrans channel. Photo facing west.
7/07/20	Mesa Substation		Photo 7 – Transformer assembly within the 66-kV rack area. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
7/07/20	Mesa Substation		Photo 8 – Work on the northern boundary wall. Photo facing west.
7/07/20	Mesa Substation		Photo 9 – Demolition of the various buildings continued. Photo facing east.
7/07/20	Mesa Substation		Photo 10 – Soil work continued in the Phase 3 area. Photo facing south.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
7/07/20	Mesa Substation		Photo 11 – Storm drain installation by the Mesa Operations Building. Photo facing east.
7/07/20	Mesa Substation		Photo 12 - Phase 4 transformer foundation work. Photo facing southwest.
7/07/20	Mesa Substation		Photo 13 – Professional Electrical Construction Services equipment with drip pans in place.

Completed by:	Vince Semonsen
Firm:	Ecotech Resources, Inc.
Date:	7/11/20

Reviewed by:	Jeff Root
Firm:	Ecotech Resources, Inc.
Date:	7/12/20

Mesa 500–kV Substation Project
CPUC Site Inspection Form

Project:	Mesa 500-kV Substation Project	**Date:**	July 15, 2020
Project Proponent:	Southern California Edison (SCE)	**Report #:**	VS128
Lead Agency:	California Public Utilities Commission (CPUC)	**Monitor(s):**	Vince Semonsen
CPUC PM:	Connie Chen, Energy Division	**AM/PM Weather:**	Hazy and warm with a slight breeze
WSP CM:	Silvia Yanez	**Start/End time:**	1130 to 1200 hours
Project NTP(s):	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)

Worker Environmental Awareness Program (WEAP) Training	Yes	No	N/A
Is the WEAP training in place and does it appear to have been completed by all new hires (construction and monitors)?	X		
Erosion and Dust Control (Air and Water Quality)	Yes	No	N/A
Have temporary erosion and sediment control measures (Best Management Practices [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 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		
Equipment	Yes	No	N/A
Are observed vehicles maintaining a speed limit of 15 miles per hour on unpaved roads? *Except for the scrapers.*	X		
Are observed vehicles/equipment arriving onsite clean of sediment or plant debris?	X		
Are observed vehicles/equipment turned off when not in use?	X		
Work Areas	Yes	No	N/A
Is vegetation disturbance within work areas minimized?	X		
Is exclusionary fencing or flagging in place to protect sensitive biological or cultural resources?	X		
Are observed vehicles, equipment, and construction personnel staying within approved work areas and on approved roads?	X		

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

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

The Mesa Substation 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 checked in with Pete Lubich and Matt Daniele. I was escorted around the site by Avian Biologist Wayne Woodroof. According to Mr. Woodroof, the coastal California gnatcatchers (*Polioptila californica)* continued nesting in the Environmentally Sensitive Area (ESA) along the southern portion of the project site.

Several pieces of equipment were working in the Phase 3 area (Photo 1). The piles of demolished concrete and asphalt remained onsite since no decision was made about the proper removal of the contaminated material (Photo 2).

Work continued on the southern boundary wall focusing on the installation of the artificial ivy (Photo 3).

Scrapers and bulldozers were working to move the large hill of soil into the Phase 3 grading area (Photo 4).

Crews were working on the security towers along the southern boundary wall (Photo 5).

Another large transformer was delivered to the site and was parked near the western entrance (Photo 6). Secondary containment was in place under the rig.

Dewatering continued with the limited water remaining in the retention basin (Photo 7). The lower water level had created muddy conditions, so the flow rate decreased (Photo 8).

Several foundation holes had been drilled around the new Phase 4 transformer foundations (Photo 9). The holes were covered up. Another transformer foundation was poured (Photo 10).Three locations had cement washout performed on the soil (Photo 11). The biological monitor, Mr. Woodroof, and I reported this to one of the project coordinators.

Other Phase 3 work included the construction of the northern boundary wall (Photo 12), the demolition of buildings and existing foundations (Photo 13), and the installation of the stormwater drainage pipe system (Photo 14).

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)

Continue to check on the retention basin dewatering operation and nesting bird issues.

COMPLIANCE SUGGESTIONS OR ADDITIONAL OBSERVATIONS (i.e., suggestions to improve compliance onsite, 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 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.

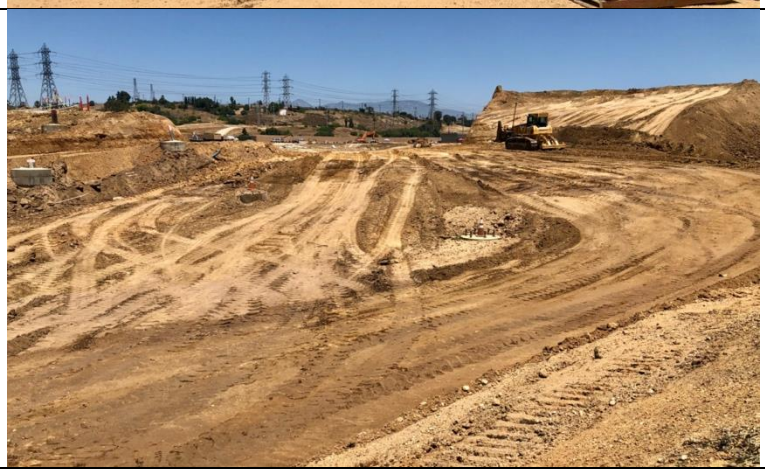
☐ Non-compliance issues reported by SCE: Were there any new non-compliance issues reported by SCE monitors since your last visit? If so, describe issues and resolution and include SCE report identification number.

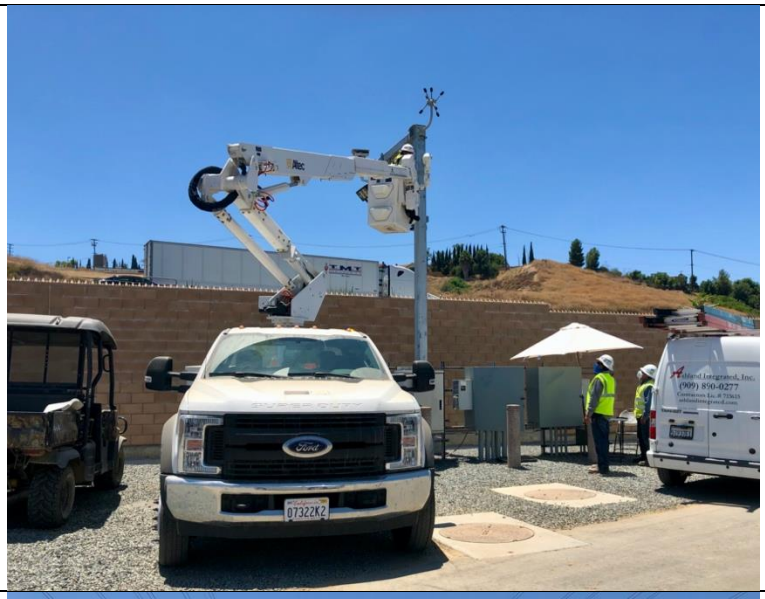
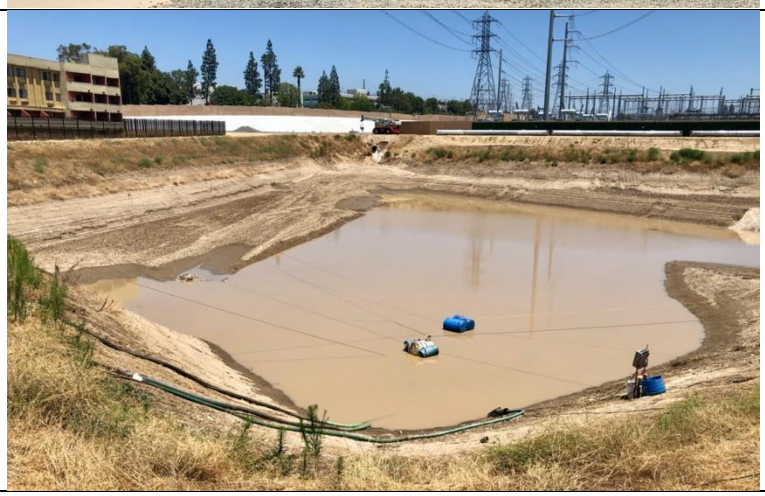
Date	Non-compliance issue and resolution	Relevant Mitigation Measure	NC Report #

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

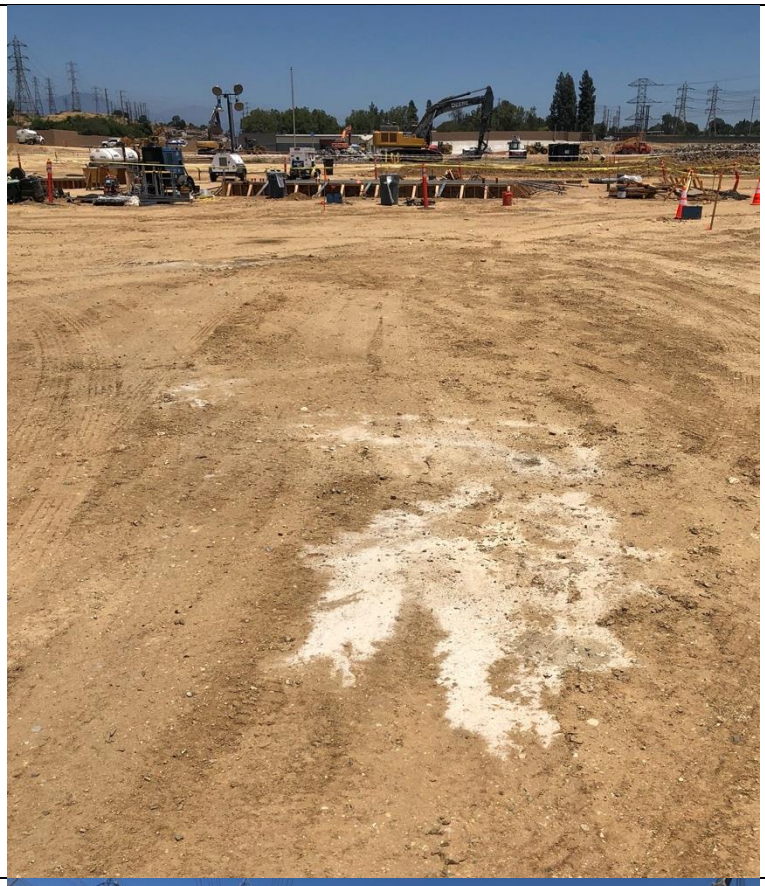
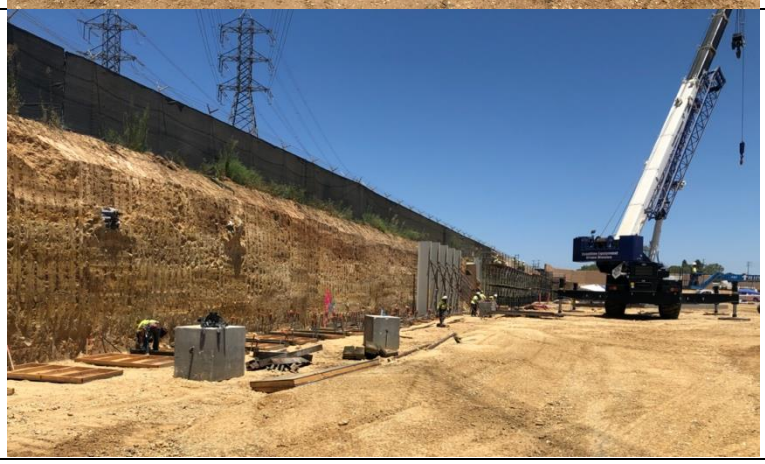
REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
7/15/20	Mesa Substation		Photo 1 – Earthwork near the Mesa Operations Building. Photo facing northwest.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
7/15/20	Mesa Substation		Photo 2 – Concrete and asphalt debris piles. Photo facing south.
7/15/20	Mesa Substation		Photo 3 – Work on the southern boundary wall. Photo facing west.
7/15/20	Mesa Substation		Photo 4 – Soil work continued in the Phase 3 area. Photo facing northeast.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
7/15/20	Mesa Substation		Photo 5 – Work continued on the security towers. Photo facing south.
7/15/20	Mesa Substation		Photo 6 – Another transformer was delivered to the site. Photo facing west.
7/15/20	Mesa Substation		Photo 7 – Water levels in the retention basin had decreased. Photo facing northeast.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
7/15/20	Mesa Substation		Photo 8 – Flow meter on the dewatering and desilting system.
7/15/20	Mesa Substation		Photo 9 – Drilling operation near the new transformer foundations. Photo facing north.
7/15/20	Mesa Substation		Photo 10 – Phase 4 transformer foundation work. Photo facing southeast.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
7/15/20	Mesa Substation		Photo 11 – A location of cement washout directly on the soil of the site. Photo facing east.
7/15/20	Mesa Substation		Photo 12 – Work on the northern boundary wall. Photo facing northeast.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
7/15/20	Mesa Substation		Photo 13 – Demolition continued on the existing buildings. Photo facing south.
7/15/20	Mesa Substation		Photo 14 – Concrete pouring for the storm drain system. Photo facing north.

Completed by:	Vince Semonsen
Firm:	Ecotech Resources, Inc.
Date:	7/18/20

Reviewed by:	Jeff Root
Firm:	Ecotech Resources, Inc.
Date:	7/20/20

Mesa 500–kV Substation Project
CPUC Site Inspection Form

Project:	Mesa 500-kV Substation Project	**Date:**	July 21, 2020
Project Proponent:	Southern California Edison (SCE)	**Report #:**	VS129
Lead Agency:	California Public Utilities Commission (CPUC)	**Monitor(s):**	Vince Semonsen
CPUC PM:	Connie Chen, Energy Division	**AM/PM Weather:**	Hazy, warm, and breezy
WSP CM:	Silvia Yanez	**Start/End time:**	1030 to 1230 hours
Project NTP(s):	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)

Worker Environmental Awareness Program (WEAP) Training	Yes	No	N/A
Is the WEAP training in place and does it appear to have been completed by all new hires (construction and monitors)?	X		
Erosion and Dust Control (Air and Water Quality)	Yes	No	N/A
Have temporary erosion and sediment control measures (Best Management Practices [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 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		
Equipment	Yes	No	N/A
Are observed vehicles maintaining a speed limit of 15 miles per hour on unpaved roads? *Except for the scrapers.*	X		
Are observed vehicles/equipment arriving onsite clean of sediment or plant debris?	X		
Are observed vehicles/equipment turned off when not in use?	X		
Work Areas	Yes	No	N/A
Is vegetation disturbance within work areas minimized?	X		
Is exclusionary fencing or flagging in place to protect sensitive biological or cultural resources?	X		
Are observed vehicles, equipment, and construction personnel staying within approved work areas and on approved roads?	X		

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

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

The Mesa Substation 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)

As I drove up Potrero Grande Drive to the Mesa Substation site, I noted a street sweeper cleaning the roadway and observed muddy trackout in the road (Photo 1). The new northern entrance to the substation was open and the entry and exit BMPs had been installed (Photo 2). I arrived at 1030 hours and contacted Pete Lubich and Matt Daniele to inform them I was onsite and mentioned the trackout I observed in the roadway.

One of Mr. Lubich's crew ccompanied me on my site visit. We entered through the eastern entrance and I photographed the upgrades added to the exit and entry BMPs (Photo 3). Additional rock and another set of rumble plates had been added at the bottom of the slope.

The piles of demolished concrete and asphalt remained onsite; Alec indicated they continued to await a decision for removal and disposal (Photo 4).

According to the documentation, the coastal California gnatcatchers (*Polioptila californica*) had successfully fledged and the crew removed the buffer boundary and associated signage.

Equipment, including scrapers and bulldozers, continued to move soil from the large hill into the Phase 3 grading area (Photo 5). Soon the existing tower foundations would be removed.

Trenching had begun outside of the southern boundary wall for another portion of the stormwater drainage pipe system (Photo 6). The earthen ramps at either end of the trench functioned as exit ramps for any trapped wildlife.

The dewatering continued at a slower pace since the water level was low and muddy (Photo 7). Some soil work had begun in the drier portions of the catch basin and they expected to begin reworking the area in the next several weeks.

Phase 4 work included forming and pouring the transformer foundations and associated fire walls (Photo 8). Concrete trucks were washing out in the designated locations (Photo 9).

Within the Phase 3 work area, a large crew was working on the northern boundary wall installing rebar (Photo 10) and pouring slurry behind the new wall (Photo 11). Demolition of the existing foundations continued (Photo 12) along with trenching work for the new stormwater drainage pipe system (Photo 13).

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)

Continue to check on the retention basin dewatering operation and nesting bird issues.

COMPLIANCE SUGGESTIONS OR ADDITIONAL OBSERVATIONS (i.e., suggestions to improve compliance onsite, 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 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.

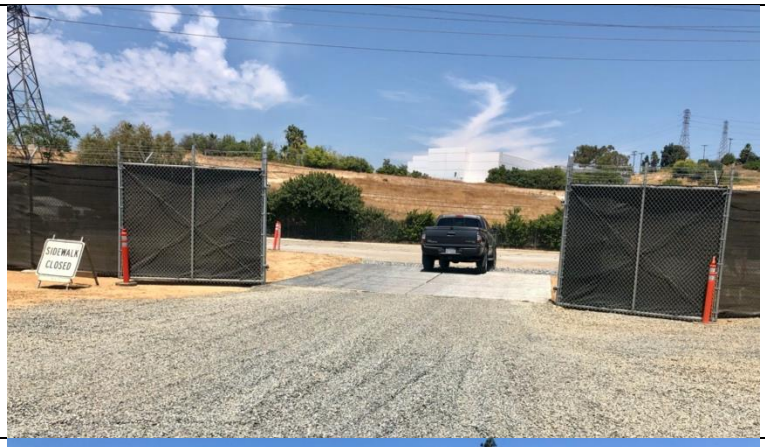
☐ Non-compliance issues reported by SCE: Were there any new non-compliance issues reported by SCE monitors since your last visit? If so, describe issues and resolution and include SCE report identification number.

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
7/21/20	Mesa Substation		Photo 1 – Muddy trackout on Potrero Grande Drive. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
7/21/20	Mesa Substation		Photo 2 – The new northern entrance was open with exit/entry BMPs in place. Photo facing north.
7/21/20	Mesa Substation		Photo 3 – Additional BMPs added to the eastern project entrance. Photo facing west.
7/21/20	Mesa Substation		Photo 4 – Concrete and asphalt stockpiled onsite. Photo facing southwest.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
7/21/20	Mesa Substation		Photo 5 – Soil being moved from the large hill into the Phase 3 grading area. Photo facing east.
7/21/20	Mesa Substation		Photo 6 – Storm drain trenching south of the southern boundary wall. Photo facing southwest.
7/21/20	Mesa Substation		Photo 7 – Water levels in the retention basin were low. Photo facing northeast.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
7/21/20	Mesa Substation		Photo 8 – Drilling operation and form pouring near the new 500-kV transformer foundations. Photo facing south.
7/21/20	Mesa Substation		Photo 9 – Concrete washout station being utilized. Photo facing east.
7/21/20	Mesa Substation		Photo 10 – Work on the northern boundary wall. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
7/21/20	Mesa Substation		Photo 11 – Pouring slurry behind the northern boundary wall. Photo facing northwest.
7/21/20	Mesa Substation		Photo 12 – Foundation demolition continued within the Phase 3 grading area. Photo facing east.
7/21/20	Mesa Substation		Photo 13 – Storm drain trenching. Photo facing south.

Completed by:	Vince Semonsen
Firm:	Ecotech Resources, Inc.
Date:	7/24/20

Reviewed by:	Jeff Root
Firm:	Ecotech Resources, Inc.
Date:	7/27/20