ecology and environment, inc.
Member of WSP

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January 15, 2020

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

Re: Monthly Report Summary #26 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, 2019**, for the Mesa 500-kilovolt (kV) Substation (Mesa Substation) Project in Los Angeles County, California. Compliance monitoring was performed to ensure that all project-related activities conducted by Southern California Edison (SCE) and their contractors comply with the requirements of the Final Environmental Impact Report (Final EIR) for the Mesa Substation Project, as adopted by the California Public Utilities Commission (CPUC) on February 9, 2017.

The CPUC has issued the following Notices to Proceed (NTPs) for the Mesa Substation Project to SCE:

- NTP #1 (September 27, 2017) – Vegetation removal and grading, water line relocation, Operating Industries Incorporated (OII) well removal, and various line relocations (transmission, subtransmission, distribution, and telecommunications).
- NTP #2 (November 15, 2017) – Remaining construction components, including vegetation removal and grading, and the removal, replacement, relocation, modification, and/or construction of perimeter and retaining walls, Mechanical Electrical Equipment Rooms (MEERs), operations and test and maintenance buildings, storm drains, lattice steel towers, various poles, underground trenches, concrete foundations, and associated components. Equipment modification at 29 satellite substations.

Onsite compliance monitoring by the Ecology and Environment, Inc. (E & E) compliance team during this reporting period focused on spot-checks of ongoing construction activities. Compliance Monitor Vince Semonsen visited the Mesa Substation construction sites on **November 5, 13, 20, and 27, 2019**. Site inspection reports that summarize observed construction activities and compliance events and verify mitigation measures (MMs) and applicant proposed measures (APMs) were completed for the site visits. These reports are attached below (Attachment 1).

Several compliance concerns occurred during the period from November 1 to 30, 2019, however, overall, the Mesa Substation Project has maintained compliance with the Mitigation Monitoring, Compliance, and Reporting Program's (MMCRP) Compliance Plan. Communication between the CPUC/E & E compliance team and SCE has been regular and effective; the correspondence pertained to and documented compliance events, upcoming compliance-related surveys and deliverables, and the construction schedule. Agency calls between the CPUC/E & E and SCE, along with daily schedule updates and automated database notifications from SCE, provided additional compliance information and construction summaries. Furthermore, SCE's monthly compliance status report for November 2019 provided a compliance summary and included a description of construction activities from November 1 to 30, 2019, a detailed look-ahead construction schedule, a summary of compliance with Mesa Substation Project commitments (i.e., the MMs/APMs) for biological resources, cultural and paleontological resources, the Storm Water Pollution Prevention Plan (SWPPP), noise, and the Worker Environmental Awareness Program (WEAP), non-compliance issues and

resolutions, and public complaints and notifications.

Compliance Incidents

During the November 2019 reporting period, SCE self-reported one project related compliance observation. The compliance observation is described below.

- On November 5, 2019, a biologist observed an OII crew trimming and removing vegetation within the coastal sage scrub Environmentally Sensitive Area (Restricted Use Area) and 100-foot buffer in Grading Area 2B. The incident was observed in the Mesa Substation footprint within coastal sage scrub Coastal California Gnatcatcher listed habitat. The area affected was surveyed and was partially inside approved disturbance limits. This incident conflicts with **MM BR-9: Construction Monitoring**.

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

- On November 20, 2019, the CPUC Compliance Monitor noted rainwater runoff from the southeastern portion of the project flowing through a heavy equipment parking area and the materials staging area. The CPUC Compliance Monitor noted that not a single piece of equipment had an adequate containment/catch basin underneath it; most had only one small and poorly placed drip pan.
- On November 27, 2019, the CPUC Compliance Monitor noted that a gas-powered water pump was utilized and placed on the concrete outflow structure without a containment device. The CPUC Compliance Monitor notified onsite personnel about the lack of a drip pan placed under the gas water pump. The gas-powered water pump was contained soon after.

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

Noise Compliance

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

Spills

During the November 2019 reporting period, there were no documented spills.

Public Concerns

There were no public concerns during November 2019.

Minor Project Changes

On October 31, 2019 SCE submitted an email approval request to the CPUC. During November 2019, the email request was approved (see Table 1).

Table 1: Email Request Approvals for November 2019.

Description	Approval Date
The email request was over the use of an additional bird deterrent outlined as a potential method in the Nesting Bird Management Plan for the Mesa Substation Project. The use of the Bird-Be-Gone "Spider" was approved as an additional bird deterrent to be utilized for large birds (pigeon sized or larger), if necessary.	November 5, 2019

Sincerely,

Silvia Yanez
Project Manager, Ecology and Environment, Inc.

cc:
Lori Rangel, SCE
Don Dow, SCE

ATTACHMENT 1

CPUC Site Inspection Reports
November 5, 13, 20, and 27, 2019

Mesa 500–kV Substation Project
CPUC Site Inspection Form

Project:	Mesa 500-kV Substation Project	**Date:**	November 5, 2019
Project Proponent:	Southern California Edison	**Report #:**	VS094
Lead Agency:	California Public Utilities Commission	**Monitor(s):**	Vince Semonsen
CPUC PM:	Connie Chen, Energy Division	**AM/PM Weather:**	Sunny, warm temperatures, and calm winds
E & E CM:	Silvia Yanez	**Start/End Time:**	1515 to 1630
Project NTP(s):	NTP-1, NTP-2		

SITE INSPECTION CHECKLIST (Based on monitor's observations during site visit; responses do not imply that monitor observed all staff, crews, and parts of the project during this inspection)

Worker Environmental Awareness Program (WEAP) Training	Yes	No	N/A
Is the WEAP training in place and does it appear to have been completed by all new hires (construction and monitors)?	X		
Erosion and Dust Control (Air and Water Quality)	Yes	No	N/A
Have temporary erosion and sediment control measures (BMPs) been installed?	X		
Are erosion and sediment control measures (BMPs) properly installed (without apparent deficiencies) and functioning as intended during rain events?	X		
Are measures in place to avoid/minimize mud tracking onto public roadways, in accordance with the project's SWPPP?	X		
Is dust control being implemented (i.e., access roads watered, haul trucks covered, dirt piles are tarped, streets cleaned on a regular basis)?	X		
Are work areas being effectively watered prior to excavation or grading?	X		
Are measures in place to stabilize soils and effectively suppress fugitive dust?	X		
Equipment	Yes	No	N/A
Are observed vehicles maintaining a speed limit of 15 mph on unpaved roads? ***Except for the scrapers.***	X		
Are observed vehicles/equipment arriving onsite clean of sediment or plant debris?	X		
Are observed vehicles/equipment turned off when not in use?	X		
Work Areas	Yes	No	N/A
Is vegetation disturbance within work areas minimized?	X		
Is exclusionary fencing or flagging in place to protect sensitive biological or cultural resources?	X		

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

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

The Mesa Substation work, the Mesa Operations Building work, the stormwater drainpipe system, conduit installation, wall construction, and the Transmission Corridor north of Potrero Grande Drive.

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

I arrived onsite at 1515 and notified Project Coordinator Pete Lubich (ULM Services, Inc.).

Crews were pulling electrical wire for the lighting poles along the roadways within the project site – Photo 1.

The catch basin berm within the 16-kilovolt (kV) switchrack area had the drainhole locations cleaned; however, no valves were installed – Photo 2.

A large scraper and a motorgrader were being used in the large detention basin; it appeared that crews were digging out the accumulated sediment and transporting it to an area east of the basin – Photo 3. The water seep location in the southeastern corner of the detention basin remained wet – Photo 4. Crews dug out some of the sediment around the standpipe – Photo 5. Biological monitor Wayne Woodroof (Noreas) was onsite overseeing this work. I spoke to the Power Grade foreman who mentioned that crews would be reworking the detention basin into two separate basins, and a portion of the standpipe would be removed, relocated, and replaced.

I contacted Project Coordinator Pete Lubich (ULM Services, Inc.) and requested to be notified when crews would remove the standpipe.

No additional best management practice (BMP) work was completed outside of the southern boundary wall. Crews were installing a chain-link fence in this area; however, I did not see a gate installed – Photo 6. I contacted Stormwater Pollution Prevention Plan (SWPPP) inspector Lucy Cortez-Johnson (CASC) and reported my concern over BMP crews not being able to access this area once the fencing is installed. She responded that she would no longer be an inspector for this project. I followed up with the SCE Project Manager and asked her for the new SWPPP inspector's contact information.

The ongoing BMP work located north of Potrero Grande Drive was progressing. Erosion blanket and wattle installations were near complete – Photos 7 & 8. An energy dissipater was installed at the base of one of the slopes.

MITIGATION MEASURES VERIFIED (Refer to MMCRP, e.g., MM BR-9. Report only on MMs pertinent to your observations today)

All project personnel appear to have completed Worker Environmental Awareness Program (WEAP) training (MM BR-5).
See the mitigation measures (MMs) listed in the observed activities.

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

Drip pans need to be replaced and upgraded.

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

The rainy season is approaching and extensive BMP work needs to be completed. The work in the detention basin is of concern.

COMPLIANCE SUMMARY

Below please describe any non-compliance issues or new biological/cultural discoveries that have occurred since your last visit. If you observe a non-compliance issue in the field, please note this on the monitoring datasheet, and for non-compliance Level 2 or 3 fill out and submit a separate Non-Compliance Report Form to E & E Compliance Manager. Inform E & E CM of any non-compliance incidents.

☐ New biological or cultural discovery requiring compliance with mitigation measures, permit conditions, etc. If checked, please describe discovery and documentation/verification below.

☐ Non-compliance – Level 1: An action that deviates from project requirements or results in the partial implementation of the mitigation measures, but has not caused, or has the potential to cause impacts on environmental resources. If you checked this box, describe the incident below and follow-up to ensure correction.

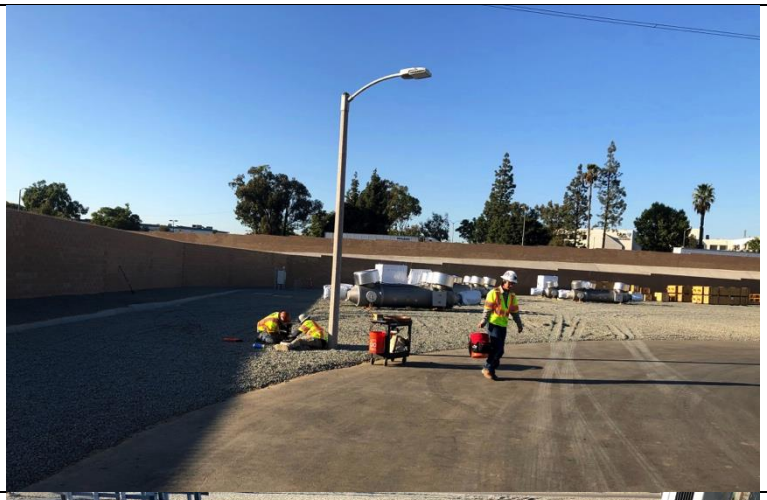
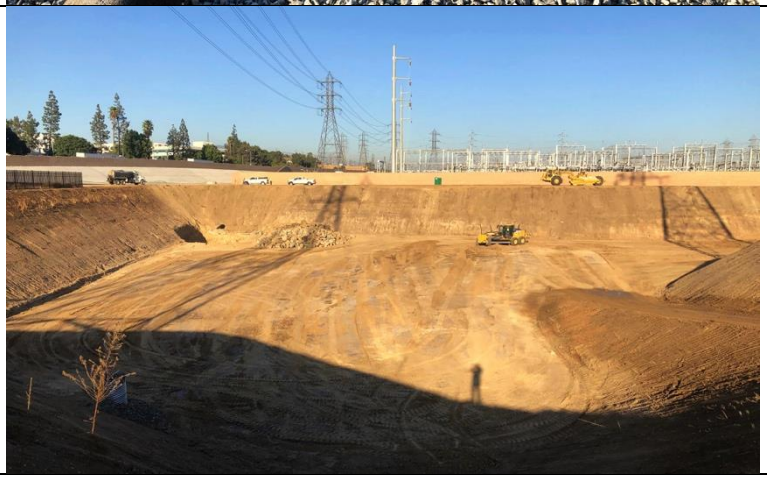
☐ Non-Compliance Level 2: An action that deviates from project requirements or mitigation measures that has caused, or has the potential to cause minor impacts on environmental resources. A non-compliance Level 2 situation may occur when Level 1 incidents are repeated, and show a trend toward placing resources at unnecessary risk. If you checked this box, please fill out a Non-Compliance Report.

☐ Non-Compliance Level 3: An action that deviates from project requirements and has caused, or has the potential to cause major impacts on environmental resources. These actions are not in compliance with the APMs, mitigation measures, permit conditions, approval requirements (e.g. minor project changes, notice to proceed), and/or violates local, state, or federal law. Examples include irreparable damage to archaeological sites, destruction of active bird nests, and grading of unapproved vegetated areas. A non-compliance Level 3 may also be issued if Level 2 incidents are repeated. If you checked this box, please fill out a Non-Compliance Report.

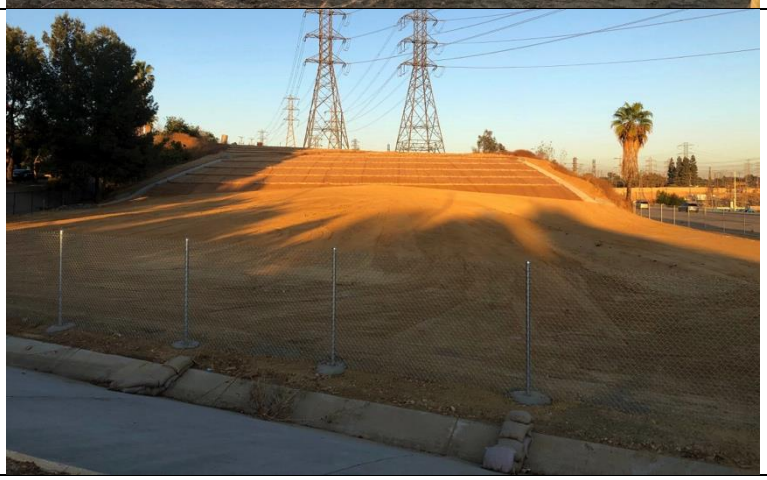
☐ Non-compliance issues reported by SCE: Were there any new non-compliance issues reported by SCE monitors since your last visit? If so, describe issues and resolution and include SCE report identification number.

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

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

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
11/05/19	Mesa Substation		Photo 1 – Electrical wire work continued around the light poles. Photo facing north.
11/05/19	Mesa Substation		Photo 2 – Containment berm within the 16-kV switchrack area. Photo facing north.
11/05/19	Mesa Substation		Photo 3 – Earthwork within the large detention basin. Photo facing east.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
11/05/19	Mesa Substation		Photo 4 – Water seep in the southeastern corner of the detention basin. Photo facing east.
11/05/19	Mesa Substation		Photo 5 – Removal of sediments around the standpipe. Photo facing south.
11/05/19	Mesa Substation		Photo 6 – Fence installation outside of the southern boundary wall. Photo facing southwest.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
11/05/19	Mesa Substation		Photo 7 – BMP installation continued within the Transmission Corridor, located north of Potrero Grande Drive. Photo facing north.
11/05/19	Mesa Substation		Photo 8 – BMP installation continued within the Transmission Corridor, located north of Potrero Grande Drive. Photo facing east.

Completed by:	Vince Semonsen
Firm:	Ecotech Resources, Inc.
Date:	11/16/19

Reviewed by:	Jeff Root
Firm:	Ecotech Resources, Inc.
Date:	11/18/19

Mesa 500–kV Substation Project
CPUC Site Inspection Form

Project:	Mesa 500-kV Substation Project	**Date:**	November 13, 2019
Project Proponent:	Southern California Edison	**Report #:**	VS095
Lead Agency:	California Public Utilities Commission	**Monitor(s):**	Vince Semonsen
CPUC PM:	Connie Chen, Energy Division	**AM/PM Weather:**	Hazy sunshine and mild temperatures with a slight breeze
E & E CM:	Silvia Yanez	**Start/End Time:**	1400 to 1545
Project NTP(s):	NTP-1, NTP-2		

SITE INSPECTION CHECKLIST (Based on monitor's observations during site visit; responses do not imply that monitor observed all staff, crews, and parts of the project during this inspection)

Worker Environmental Awareness Program (WEAP) Training	Yes	No	N/A
Is the WEAP training in place and does it appear to have been completed by all new hires (construction and monitors)?	X		
Erosion and Dust Control (Air and Water Quality)	Yes	No	N/A
Have temporary erosion and sediment control measures (BMPs) been installed?	X		
Are erosion and sediment control measures (BMPs) properly installed (without apparent deficiencies) and functioning as intended during rain events?	X		
Are measures in place to avoid/minimize mud tracking onto public roadways, in accordance with the project's SWPPP?	X		
Is dust control being implemented (i.e., access roads watered, haul trucks covered, dirt piles are tarped, streets cleaned on a regular basis)?	X		
Are work areas being effectively watered prior to excavation or grading?	X		
Are measures in place to stabilize soils and effectively suppress fugitive dust?	X		
Equipment	Yes	No	N/A
Are observed vehicles maintaining a speed limit of 15 mph on unpaved roads? ***Except for the scrapers.***	X		
Are observed vehicles/equipment arriving onsite clean of sediment or plant debris?	X		
Are observed vehicles/equipment turned off when not in use?	X		
Work Areas	Yes	No	N/A
Is vegetation disturbance within work areas minimized?	X		
Is exclusionary fencing or flagging in place to protect sensitive biological or cultural resources?	X		

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

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

The Mesa Substation work, the Mesa Operations Building work, the stormwater drainpipe system, conduit installation, wall construction, and the Transmission Corridor north of Potrero Grande Drive.

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

I arrived onsite at 1400 and notified Project Coordinator Pete Lubich (ULM Services, Inc.). The SCE Project Manager said she would send me the new Stormwater Pollution Prevention Plan (SWPPP) inspector's contact information.

Gravel continued being delivered onsite and spread over the open ground – Photo 1.

I noticed no change to the catch basin berm within the 16-kilovolt (kV) switchrack area.

Heavy equipment continued to be used within the large detention basin for moving soil and digging out the inlet culvert – Photo 2. The standpipe was removed – Photo 3. A significant amount of rock and sediment could be seen within the exposed culvert – Photo 4

Another tower foundation was prepared, the rebar cage was installed, and concrete had been poured – Photo 5. A drill rig was parked nearby – Photo 6.

Wire stringing was being completed at the northeastern corner of the 220-kV switchrack area – Photos 7 & 8. According to the Power Grade foreman and safety inspector, Craig Pernot, energization for the three switchrack areas would soon be completed.

The chain-link fencing was installed outside of the southern boundary wall – Photo 9. Several old best management practices (BMPs) were removed along the outside of the wall. A few old wattles remained around the project drain inlet – Photo 10. All the vegetation was cut back and the area was regraded – Photo 11.

Crews were working on the wall installation – Photo 11.

Tower construction and installation was ongoing along the southeastern portion of the project site – Photo 12.

The BMP work being completed north of Potrero Grande Drive continued. The erosion blanket and wattle installations were nearly complete – Photo 13.

MITIGATION MEASURES VERIFIED (Refer to MMCRP, e.g., MM BR-9. Report only on MMs pertinent to your observations today)

All project personnel appear to have completed Worker Environmental Awareness Program (WEAP) training (MM BR-5). See the mitigation measures (MMs) listed in the observed activities.

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

Drip pan installation and detention basin standpipe issues

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

It is the rainy season, and a significant amount of BMP work needs to be completed in the detention basin.

COMPLIANCE SUMMARY

Below please describe any non-compliance issues or new biological/cultural discoveries that have occurred since your last visit. If you observe a non-compliance issue in the field, please note this on the monitoring datasheet, and for non-compliance Level 2 or 3 fill out and submit a separate Non-Compliance Report Form to E & E Compliance Manager. Inform E & E CM of any non-compliance incidents.

☐ New biological or cultural discovery requiring compliance with mitigation measures, permit conditions, etc. If checked, please describe discovery and documentation/verification below.

☐ Non-compliance – Level 1: An action that deviates from project requirements or results in the partial implementation of the mitigation measures, but has not caused, or has the potential to cause impacts on environmental resources. If you checked this box, describe the incident below and follow-up to ensure correction.

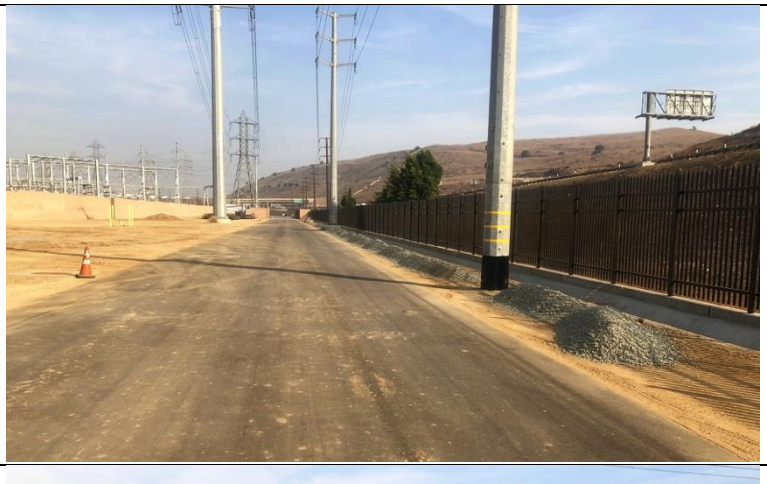
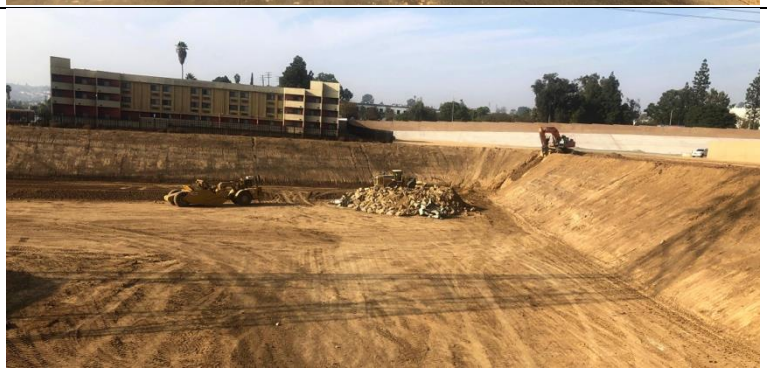
☐ Non-Compliance Level 2: An action that deviates from project requirements or mitigation measures that has caused, or has the potential to cause minor impacts on environmental resources. A non-compliance Level 2 situation may occur when Level 1 incidents are repeated, and show a trend toward placing resources at unnecessary risk. If you checked this box, please fill out a Non-Compliance Report.

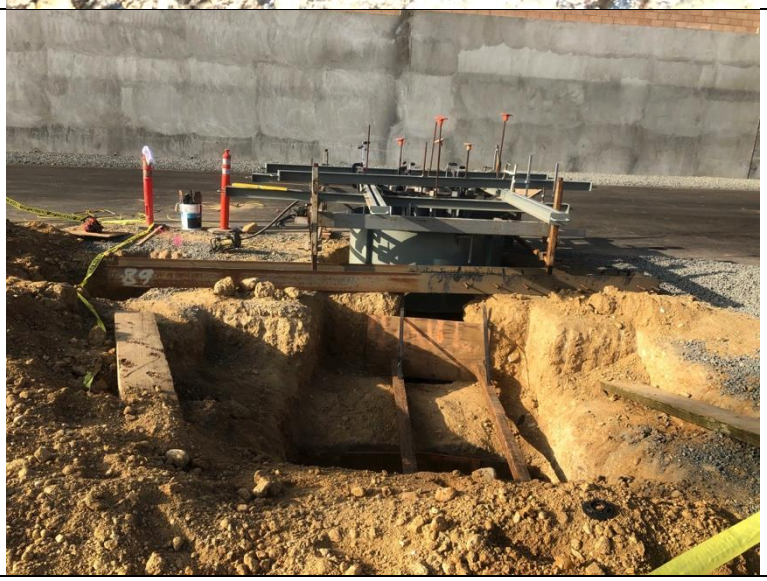
☐ Non-Compliance Level 3: An action that deviates from project requirements and has caused, or has the potential to cause major impacts on environmental resources. These actions are not in compliance with the APMs, mitigation measures, permit conditions, approval requirements (e.g. minor project changes, notice to proceed), and/or violates local, state, or federal law. Examples include irreparable damage to archaeological sites, destruction of active bird nests, and grading of unapproved vegetated areas. A non-compliance Level 3 may also be issued if Level 2 incidents are repeated. If you checked this box, please fill out a Non-Compliance Report.

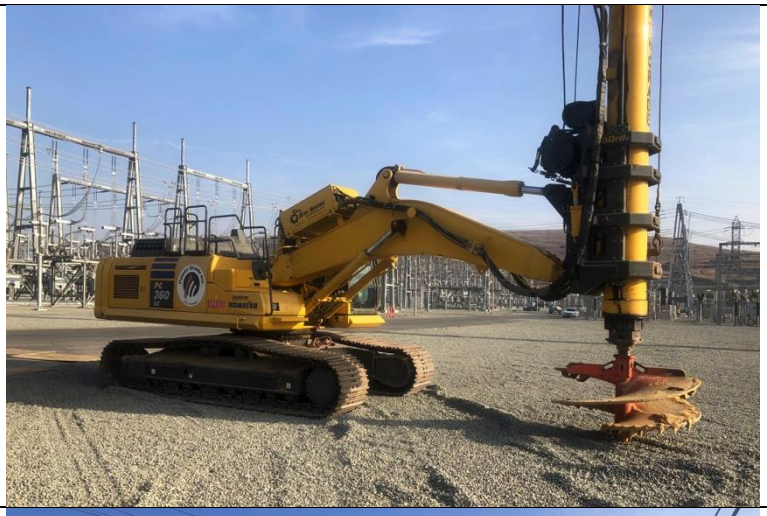
☐ Non-compliance issues reported by SCE: Were there any new non-compliance issues reported by SCE monitors since your last visit? If so, describe issues and resolution and include SCE report identification number.

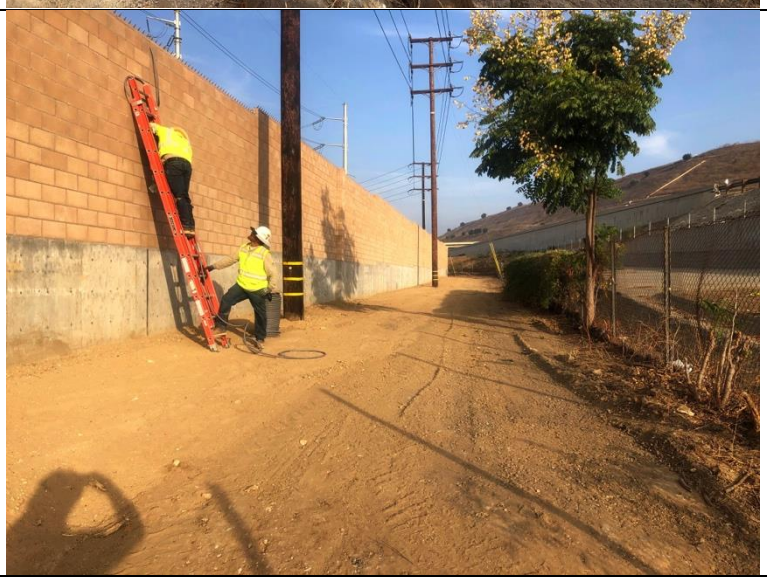
Date	Non-Compliance Issue and Resolution	Relevant Mitigation Measure	NC Report #

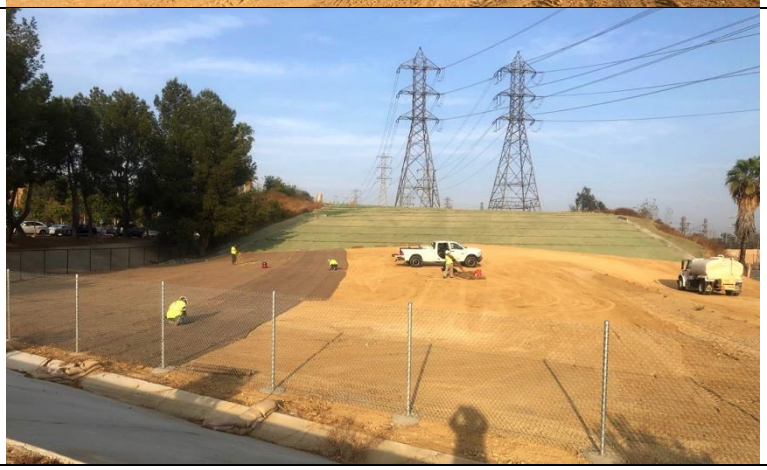
PREVIOUS NON-COMPLIANCE ITEMS REQUIRING FOLLOW-UP OR RESOLVED TODAY:

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
11/13/19	Mesa Substation		Photo 1 – Gravel is being placed along the southern boundary fence. Photo facing east.
11/13/19	Mesa Substation		Photo 2 – Earthwork within the large detention basin. Photo facing north.
11/13/19	Mesa Substation		Photo 3 – The standpipe in the retention basin was removed.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
11/13/19	Mesa Substation		Photo 4 – Rock within the detention basin outfall pipe.
11/13/19	Mesa Substation		Photo 5 – Tubular steel pole (TSP) foundation work. Photo facing north.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
11/13/19	Mesa Substation		Photo 6 – Drill rig onsite. Photo facing south.
11/13/19	Mesa Substation		Photo 7 – Wire stringing along the 220-kV switchrack area. Photo facing south.
11/13/19	Mesa Substation		Photo 8 – Wire stringing along the 220-kV switchrack area. Photo facing southeast.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
11/13/19	Mesa Substation		Photo 9 – Chain link fence installed along the southern boundary of the site. Photo facing southwest.
11/13/19	Mesa Substation		Photo 10 – Old BMPs outside of the southern boundary wall, located near the drain inlet. Photo facing east.
11/13/19	Mesa Substation		Photo 11 – Crews worked on the southern wall. Note - the area has been regraded, cleared of BMPs and vegetation. Photo facing east.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
11/13/19	Mesa Substation		Photo 12 – Construction and installation of lattice work towers. Photo facing southeast.
11/13/19	Mesa Substation		Photo 13 – BMP installation continued within the Transmission Corridor, located north of Potrero Grande Drive. Photo facing east.

Completed by:	Vince Semonsen
Firm:	Ecotech Resources, Inc.
Date:	11/17/19

Reviewed by:	Jeff Root
Firm:	Ecotech Resources, Inc.
Date:	11/18/19

Mesa 500–kV Substation Project
CPUC Site Inspection Form

Project:	Mesa 500-kV Substation Project	**Date:**	November 20, 2019
Project Proponent:	Southern California Edison	**Report #:**	VS096
Lead Agency:	California Public Utilities Commission	**Monitor(s):**	Vince Semonsen
CPUC PM:	Connie Chen, Energy Division	**AM/PM Weather:**	Rainy and breezy, with cool temperatures
E & E CM:	Silvia Yanez	**Start/End Time:**	1100 to 1330
Project NTP(s):	NTP-1, NTP-2		

SITE INSPECTION CHECKLIST (Based on monitor's observations during site visit; responses do not imply that monitor observed all staff, crews, and parts of the project during this inspection)

Worker Environmental Awareness Program (WEAP) Training	Yes	No	N/A
Is the WEAP training in place and does it appear to have been completed by all new hires (construction and monitors)?	X		
Erosion and Dust Control (Air and Water Quality)	Yes	No	N/A
Have temporary erosion and sediment control measures (BMPs) been installed?	X		
Are erosion and sediment control measures (BMPs) properly installed (without apparent deficiencies) and functioning as intended during rain events?		X	
Are measures in place to avoid/minimize mud tracking onto public roadways, in accordance with the project's SWPPP?	X		
Is dust control being implemented (i.e., access roads watered, haul trucks covered, dirt piles are tarped, streets cleaned on a regular basis)?	X		
Are work areas being effectively watered prior to excavation or grading?	X		
Are measures in place to stabilize soils and effectively suppress fugitive dust?	X		
Equipment	Yes	No	N/A
Are observed vehicles maintaining a speed limit of 15 mph on unpaved roads? ***Except for the scrapers.***	X		
Are observed vehicles/equipment arriving onsite clean of sediment or plant debris?	X		
Are observed vehicles/equipment turned off when not in use?	X		
Work Areas	Yes	No	N/A
Is vegetation disturbance within work areas minimized?	X		
Is exclusionary fencing or flagging in place to protect sensitive biological or cultural resources?	X		

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

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

The Mesa Substation work, the Mesa Operations Building work, the stormwater drainpipe system, conduit installation, wall construction, and the Transmission Corridor north of Potrero Grande Drive.

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

I arrived onsite at 1100 and notified Project Coordinator Pete Lubich (ULM Services, Inc.).

Rain was predicted for the day of my site visit and it was raining when I arrived onsite. The site appeared to have had some rain earlier that morning, as rainwater runoff was flowing at several locations. One of the Power Grade foreman confirmed that they had received substantial rain and hail within a very short timeframe. I did not have a rainfall total for the day.

Upon entering the site, I noted runoff flowing from the Existing Mesa Substation at several locations – Photos 1 & 2. A crew was attempting to redirect the muddy flow with gravel bags – Photo 3. Filter fabric placed under the storm drain inlet grates was removed so water would flow freely into the drainage system.

Construction work was on hold due to the rainy conditions.

The "valves" through the 16-kilovolt (kV) containment berm were not installed; in order to seal them, crews placed visqueen sheeting and gravel bags over the holes – Photo 4. The visqueen was not sealing the holes since I noted water flowing through.

A substantial amount of muddy water was flowing down the paved road and running along the southern side of the project site – Photo 5. This water was running into a project drain inlet; it was likely that this water was entering the large detention basin – Photo 6.

A small stream of offsite stormwater runoff flowed into the site near the outside of the southern boundary wall – Photo 7. New best management practices (BMPs) (i.e., jute netting and straw wattles) were placed along the stretch outside of the southern boundary wall; however, the amount of water overwhelmed the BMPs. The straw wattles were ruptured at several locations and were overtopped, as can be seen by the line of debris on the wattles – Photo 8. It appears that these BMPs are not designed to handle an extensive amount of flowing water. The ample amount of water was likely due to the diversion berm not being re-established prior to the storm. Photo 9 shows the location where the diversion berm was located last year.

Runoff from the southeastern portion of the project site flowed through the heavy equipment parking area and the materials staging area. Not a single piece of equipment had an adequate containment/catch basin underneath it; most had only one small and poorly placed drip pan – Photo 10.

Most of the water runoff from the southeastern portion of the project site was flowing into a catch basin under an existing tower – Photo 11.

The large detention basin accumulated a pond of muddy water – Photo 12. Construction work was previously completed with removal of portions of the inlet culvert and the standpipe outlet culvert. In addition, soil was being imported to raise the bottom of the basin. Crews installed a visqueen channel through the detention basin to allow the rainwater runoff to flow between the inlet culvert and the outlet culvert – Photos 13 & 14. Several lines of gravel bag check dams were installed within the visqueen channel, but the speed of the water ruptured most of the check dams.

The small "triangular" detention basin was full of muddy water and flowing out the standpipe – Photo 15.

I met with Project Coordinator Pete Lubich (ULM Services, Inc.) and SCE Project Manager Lori Rangel onsite; they explained

the new access rules and personal protective equipment (PPE) requirements as the substations become energized. We spoke briefly about erosion and sediment control measures being implemented.

At the Mesa Operations Building, one of the outside drains was plugged; thus, water was ponding near the northwest corner of the building – Photo 16. The concrete-lined channel below the Mesa Operations Building was full of water and would need to be drained – Photo 17. Last winter, crews pumped this water directly onto the project site and it flowed into the detention basin via an earthen bermed channel. Sediment, vegetative debris, and trash had accumulated in this channel. This channel would need to be cleaned out.

The BMP work north of Potrero Grande Drive appeared to be complete. A crew was onsite and adding gravel bags to several "V" ditches. The BMPs appeared to have held up well during the rain event – Photos 18 & 19. The Stormwater Pollution Prevention Plan (SWPPP) inspector Roberto Morales was onsite and obtaining water samples in the area north of Potrero Grande Drive – Photo 20. I saw the Power Grade foreman Craig Pernot and inquired whether water samples would be taken at the large detention basin. He mentioned that current conditions were unsafe to enter the basin.

MITIGATION MEASURES VERIFIED (Refer to MMCRP, e.g., MM BR-9. Report only on MMs pertinent to your observations today)

All project personnel appear to have completed Worker Environmental Awareness Program (WEAP) training (MM BR-5). See the mitigation measures (MMs) listed in the observed activities.

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

Drip pan installation and retention basin drainage issues

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

It is the rainy season, and much of the BMP work still needs to be completed, in addition to work in the detention basin.

COMPLIANCE SUMMARY

Below please describe any non-compliance issues or new biological/cultural discoveries that have occurred since your last visit. If you observe a non-compliance issue in the field, please note this on the monitoring datasheet, and for non-compliance Level 2 or 3 fill out and submit a separate Non-Compliance Report Form to E & E Compliance Manager. Inform E & E CM of any non-compliance incidents.

☐ New biological or cultural discovery requiring compliance with mitigation measures, permit conditions, etc. If checked, please describe discovery and documentation/verification below.

☐ Non-compliance – Level 1: An action that deviates from project requirements or results in the partial implementation of the mitigation measures, but has not caused, or has the potential to cause impacts on environmental resources. If you checked this box, describe the incident below and follow-up to ensure correction.

☐ Non-Compliance Level 2: An action that deviates from project requirements or mitigation measures that has caused, or has the potential to cause minor impacts on environmental resources. A non-compliance Level 2 situation may occur when Level 1 incidents are repeated, and show a trend toward placing resources at unnecessary risk. If you checked this box, please fill out a Non-Compliance Report.

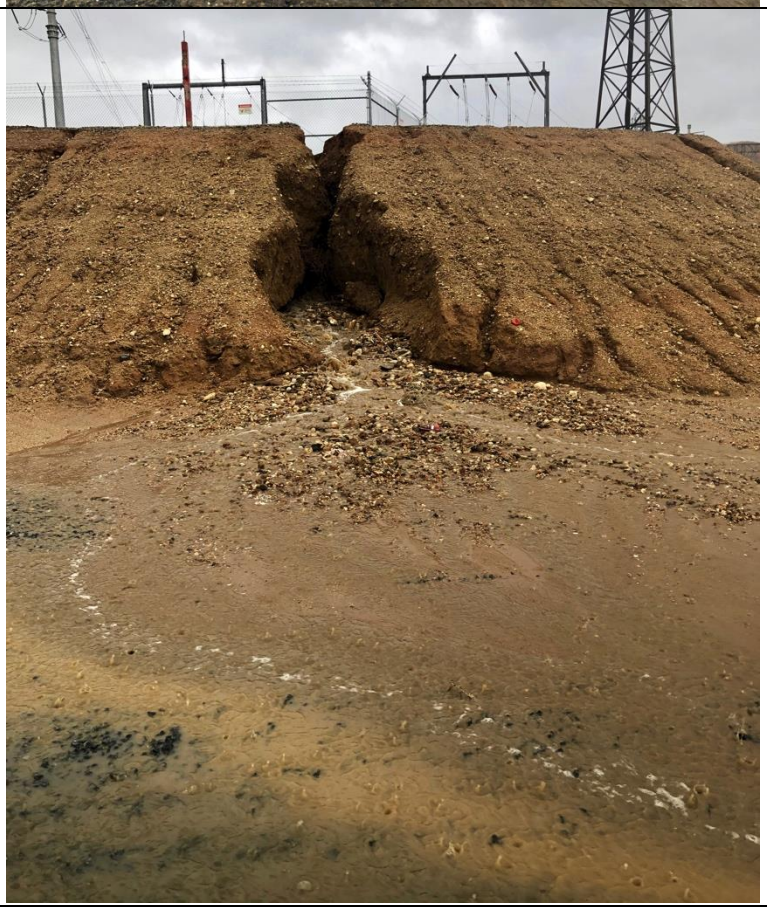
☐ Non-Compliance Level 3: An action that deviates from project requirements and has caused, or has the potential to cause major impacts on environmental resources. These actions are not in compliance with the APMs, mitigation measures, permit conditions, approval requirements (e.g. minor project changes, notice to proceed), and/or violates local,

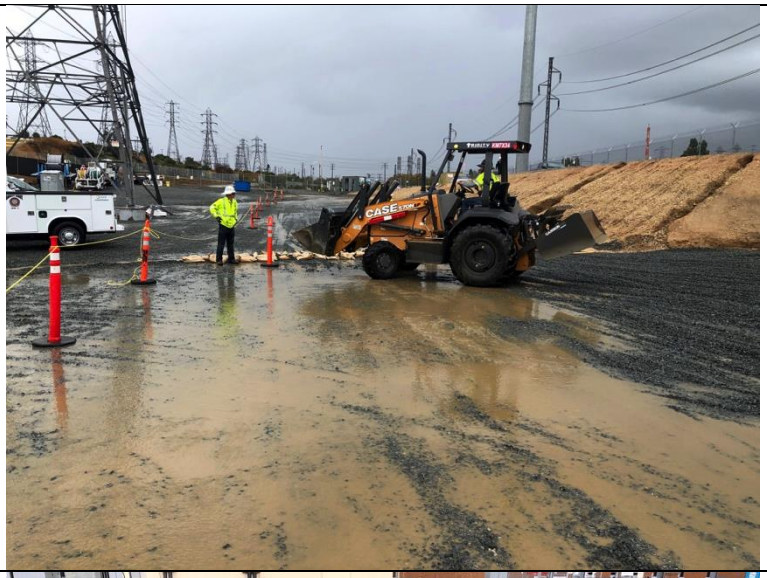
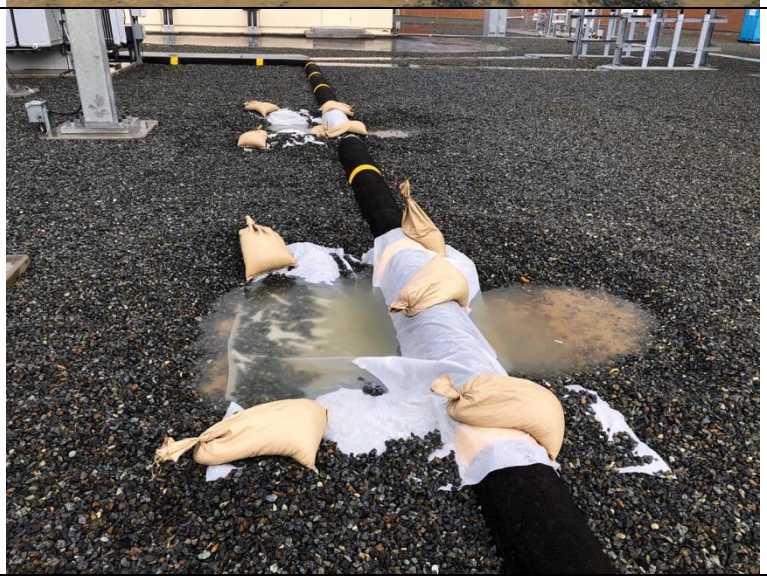
state, or federal law. Examples include irreparable damage to archaeological sites, destruction of active bird nests, and grading of unapproved vegetated areas. A non-compliance Level 3 may also be issued if Level 2 incidents are repeated. If you checked this box, please fill out a Non-Compliance Report.

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

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

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

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
11/20/19	Mesa Substation		Photo 1 – Stormwater runoff from the existing Mesa Substation. Photo facing south.
11/20/19	Mesa Substation		Photo 2 – Stormwater runoff from the Existing Mesa Substation. Photo facing south.

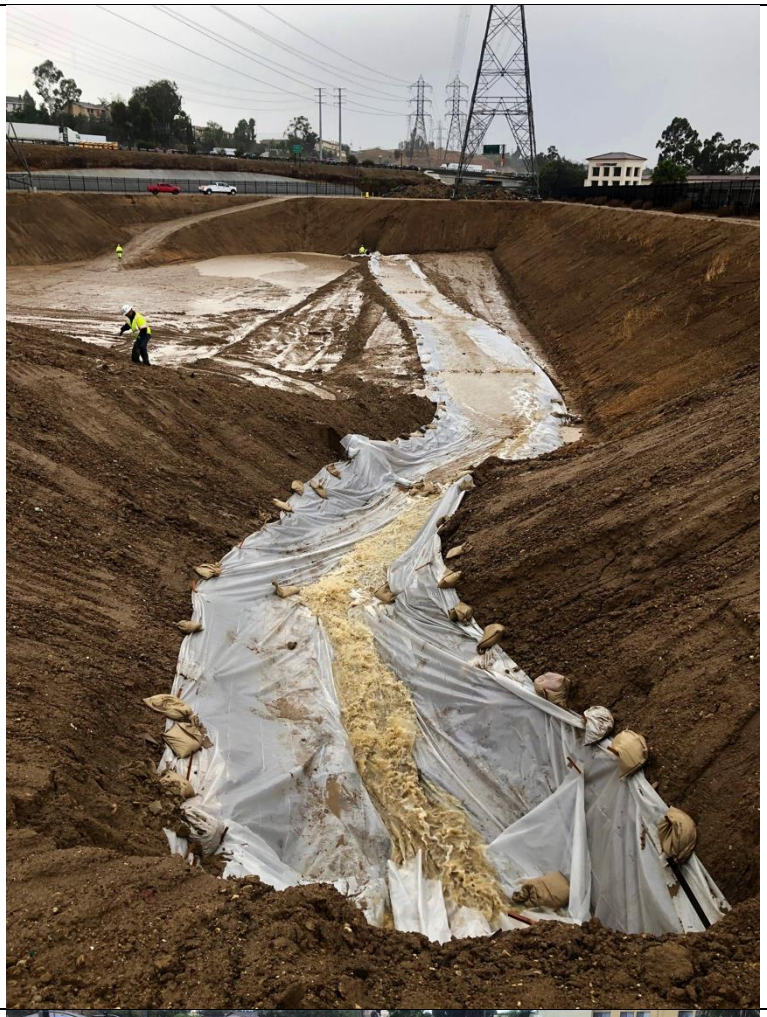
REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
11/20/19	Mesa Substation		Photo 3 – Crews attempting to redirect stormwater runoff through the site. Photo facing northeast.
11/20/19	Mesa Substation		Photo 4 – Drain hole locations at the 16-kV switchrack containment berm.

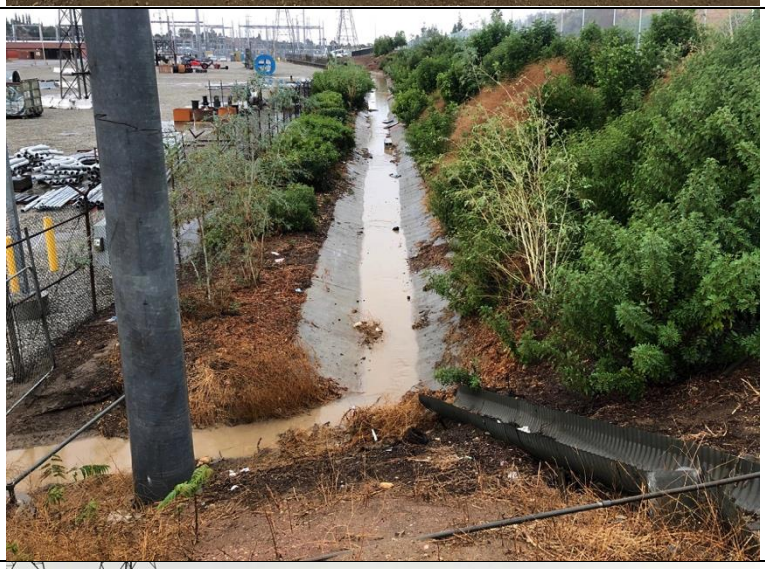
REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
11/20/19	Mesa Substation		Photo 5 – Rainwater runoff flowing down the paved road along the southern boundary wall. Photo facing southwest.
11/20/19	Mesa Substation		Photo 6 – Rainwater runoff entering a project drain inlet. Photo facing east.

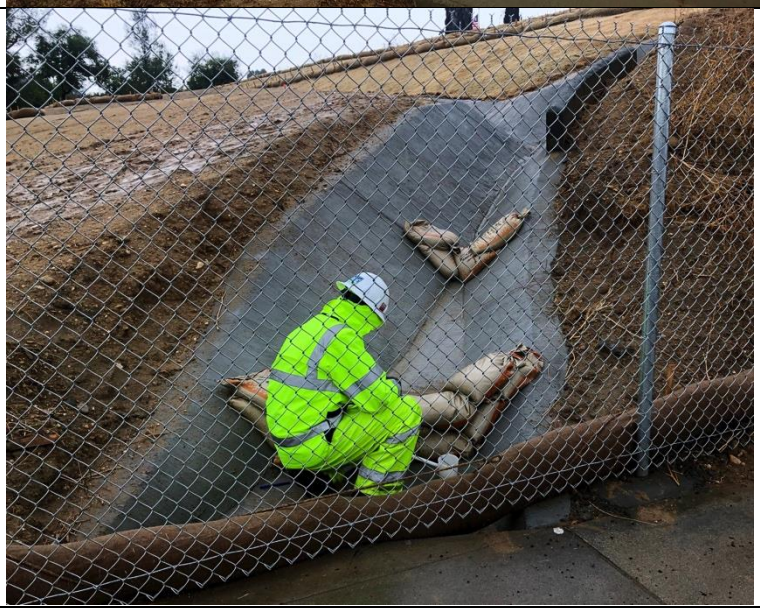
REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
11/20/19	Mesa Substation		Photo 7 – Rainwater runoff flowing down the outside of the southern boundary wall. Note - the damaged BMPs. Photo facing southwest.
11/20/19	Mesa Substation		Photo 8 – Rainwater runoff flowing down the outside of the southern boundary wall. Note - the debris line on the BMPs. Photo facing west.
11/20/19	Mesa Substation		Photo 9 – Diversion berm location. Photo facing southwest.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
11/20/19	Mesa Substation		Photo 10 – A small drip pan placed underneath large equipment.
11/20/19	Mesa Substation		Photo 11 – Water filling a catch basin located directly south of the Existing Mesa Substation. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
11/20/19	Mesa Substation		Photo 12 – Water ponded in the detention basin. Photo facing north.
11/20/19	Mesa Substation		Photo 13 – Detention basin with a visqueen drain channel installed. Note - rainwater runoff flowing from the basin inlet culvert directly into the outflow culvert. Photo facing east.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
11/20/19	Mesa Substation		Photo 14 - Detention basin with a visqueen drain channel installed. Note - rainwater runoff from the basin inlet culvert flowing directly into the outflow culvert. Photo facing west.
11/20/19	Mesa Substation		Photo 15 – Small triangular detention basin full of rainwater runoff. Photo facing north.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
11/20/19	Mesa Substation		Photo 16 – Ponded water outside of the Mesa Operations Building. Photo facing north.
11/20/19	Mesa Substation		Photo 17 – Drainage channel outside of the Mesa Operations Building. Photo facing west.
11/20/19	Mesa Substation		Photo 18 – BMPs within the Transmission Corridor, located north of Potrero Grande Drive. Photo facing north.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
11/20/19	Mesa Substation		Photo 19 - BMPs within the Transmission Corridor, located north of Potrero Grande Drive. Photo facing east.
11/20/19	Mesa Substation		Photo 20 – SWPPP inspector taking water samples within the "V" ditch, located north of Potrero Grande Drive.

Completed by:	Vince Semonsen
Firm:	Ecotech Resources, Inc.
Date:	11/23/19

Reviewed by:	Jeff Root
Firm:	Ecotech Resources, Inc.
Date:	11/25/19

Mesa 500–kV Substation Project
CPUC Site Inspection Form

Project:	Mesa 500-kV Substation Project	**Date:**	November 27, 2019
Project Proponent:	Southern California Edison	**Report #:**	VS097
Lead Agency:	California Public Utilities Commission	**Monitor(s):**	Vince Semonsen
CPUC PM:	Connie Chen, Energy Division	**AM/PM Weather:**	Light rain, cool temperatures, and breezy
E & E CM:	Silvia Yanez	**Start/End Time:**	0700 to 0900
Project NTP(s):	NTP-1, NTP-2		

SITE INSPECTION CHECKLIST (Based on monitor's observations during site visit; responses do not imply that monitor observed all staff, crews, and parts of the project during this inspection)

Worker Environmental Awareness Program (WEAP) Training	Yes	No	N/A
Is the WEAP training in place and does it appear to have been completed by all new hires (construction and monitors)?	X		
Erosion and Dust Control (Air and Water Quality)	Yes	No	N/A
Have temporary erosion and sediment control measures (BMPs) been installed?	X		
Are erosion and sediment control measures (BMPs) properly installed (without apparent deficiencies) and functioning as intended during rain events?		X	
Are measures in place to avoid/minimize mud tracking onto public roadways, in accordance with the project's SWPPP?	X		
Is dust control being implemented (i.e., access roads watered, haul trucks covered, dirt piles are tarped, streets cleaned on a regular basis)?	X		
Are work areas being effectively watered prior to excavation or grading?	X		
Are measures in place to stabilize soils and effectively suppress fugitive dust?	X		
Equipment	Yes	No	N/A
Are observed vehicles maintaining a speed limit of 15 mph on unpaved roads? ***Except for the scraper.***	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 drainpipe system, conduit installation, wall construction, and the Transmission Corridor north of Potrero Grande Drive.

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

I arrived onsite at 0700 and notified Project Coordinator Pete Lubich (ULM Services, Inc.). I saw biological monitor Matt Daniele (ICF) onsite and he mentioned that Pete Lubich and the SCE Project Manager, Lori Rangel, were on vacation; he contacted Alec Fera (ULM Services, Inc.), who was Pete Lubich's point of contact. I met with Alec Fera and he accompanied me on my site visit. I wore fire retardant (FR) clothing, since several switchrack areas were energized.

Rain was predicted for the day of my site visit and over the Thanksgiving holiday. I checked with Stormwater Pollution Prevention Plan (SWPPP) inspector Roberto Morales, who mentioned the site received approximately 0.88 inch of rain on Wednesday, November 20, 2019 (the date of my previous site visit).

Our first stop was at the large detention basin. The basin was reconfigured into two basins to hold the project's rainwater runoff – Photo 1. Water entering the detention basin would be held in the eastern basin, with an overflow channel into the western basin. Even if water filled the western basin, it would not leave the site, as the outflow culvert was plugged – Photo 2.

A crew was pumping water from the small "triangular" retention basin into the larger detention basin – Photo 3. Crews placed the gas-powered water pump on the concrete outflow structure without a containment device. Power Grade safety inspector Craig Pernot was working with this crew, and I notified him about the lack of a drip pan placed under the gas-powered water pump. He directed the crew to put the engine in a containment structure.

I noted that there was no diversion berm within the southeastern portion of the construction site to redirect rainwater runoff away from the area outside of the southern boundary wall. I asked Power Grade safety inspector Craig Pernot why the berm had not been re-established and he mentioned there was a need to work on towers located within the old catch basin; therefore, they could no longer redirect water into it.

I inspected the area outside of the southern boundary wall, where most of the water from the southeastern portion of the project site was entering. Crews had constructed additional gravel bag check dams and straw wattles and had secured the wattles with a type 2 anchoring system – Photos 4 & 5. Without diverting some of the stormwater runoff or installing a catch basin, the best management practices (BMPs) installed outside of the southern boundary wall are not expected to slow the runoff and will allow project-related sediment to drop out. The runoff flows through a large staging area and parking area, where drip containment has been inadequate during my recent site visits.

I noted trenching activities within the switchrack areas – Photo 6. This trench had wooden climbing structures in place.

A diversion berm was cut near the northern entrance to the project site – Photo 7. This berm redirects water coming from the Existing Mesa Substation and from the concrete channel surrounding it – Photo 8.

The "valves" at the 16-kilovolt (kV) containment berm was installed – Photo 9.

The BMPs located north of Potrero Grande Drive were in good condition.

MITIGATION MEASURES VERIFIED (Refer to MMCRP, e.g., MM BR-9. Report only on MMs pertinent to your observations today)

All project personnel appear to have completed Worker Environmental Awareness Program (WEAP) training (MM BR-5). See the mitigation measures (MMs) listed in the observed activities.

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

Drip pan installation, BMP upgrades, and BMP maintenance.

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

Straw wattle BMPs are not designed to handle a lot of flowing water. An additional catch basin is suggested for the runoff coming from the southeastern portion of the project site.

COMPLIANCE SUMMARY

Below please describe any non-compliance issues or new biological/cultural discoveries that have occurred since your last visit. If you observe a non-compliance issue in the field, please note this on the monitoring datasheet, and for non-compliance Level 2 or 3 fill out and submit a separate Non-Compliance Report Form to E & E Compliance Manager. Inform E & E CM of any non-compliance incidents.

☐ New biological or cultural discovery requiring compliance with mitigation measures, permit conditions, etc. If checked, please describe discovery and documentation/verification below.

☐ Non-compliance – Level 1: An action that deviates from project requirements or results in the partial implementation of the mitigation measures, but has not caused, or has the potential to cause impacts on environmental resources. If you checked this box, describe the incident below and follow-up to ensure correction.

☐ Non-Compliance Level 2: An action that deviates from project requirements or mitigation measures that has caused, or has the potential to cause minor impacts on environmental resources. A non-compliance Level 2 situation may occur when Level 1 incidents are repeated, and show a trend toward placing resources at unnecessary risk. If you checked this box, please fill out a Non-Compliance Report.

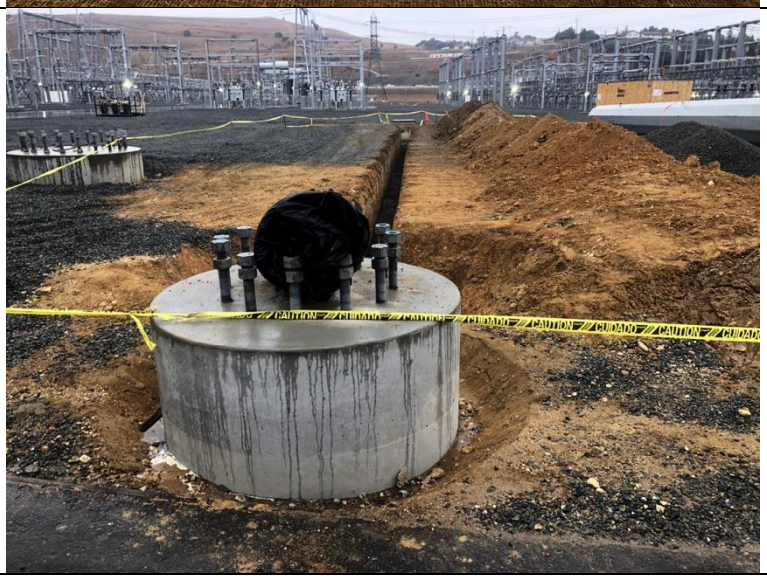
☐ Non-Compliance Level 3: An action that deviates from project requirements and has caused, or has the potential to cause major impacts on environmental resources. These actions are not in compliance with the APMs, mitigation measures, permit conditions, approval requirements (e.g. minor project changes, notice to proceed), and/or violates local, state, or federal law. Examples include irreparable damage to archaeological sites, destruction of active bird nests, and grading of unapproved vegetated areas. A non-compliance Level 3 may also be issued if Level 2 incidents are repeated. If you checked this box, please fill out a Non-Compliance Report.

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

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

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

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
11/27/19	Mesa Substation		Photo 1 – Reconfigured detention basin. Photo facing north.
11/27/19	Mesa Substation		Photo 2 – The outflow culvert was sealed; therefore, the basin was holding the stormwater runoff. Photo facing north.
11/27/19	Mesa Substation		Photo 3 – Crews were pumping the water captured in the small triangular retention basin into the large detention basin. Photo facing northeast.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
11/27/19	Mesa Substation		Photo 4 – Upgraded BMPs outside of the southern boundary wall, located near the drain inlet. Photo facing east.
11/27/19	Mesa Substation		Photo 5 – Upgraded BMPs outside of the southern boundary wall. Photo facing east.
11/27/19	Mesa Substation		Photo 6 – Trenching for installation of a tubular steel pole (TSP). Photo facing south.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
11/27/19	Mesa Substation		Photo 7 – Diversion channel to direct rainwater runoff away from the switchrack areas. Photo facing east.
11/27/19	Mesa Substation		Photo 8 – Rainwater runoff from the Mesa Operations Building and the Existing Mesa Substation accumulated in a concrete lined channel. This water enters the large detention basin. Photo facing east.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
11/27/19	Mesa Substation		Photo 9 – Valves installed at the 16-kV containment berm. Photo facing north.

Completed by:	Vince Semonsen
Firm:	Ecotech Resources, Inc.
Date:	12/05/19

Reviewed by:	Jeff Root
Firm:	Ecotech Resources, Inc.
Date:	12/07/19