February 23, 2021

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

Re: Monthly Report Summary #31 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 **April 1 to 30, 2020**, for the Mesa 500-kilovolt (kV) Substation (Mesa Substation) Project in Los Angeles County, California. Compliance monitoring was performed to ensure that all project-related activities conducted by Southern California Edison (SCE) and their contractors comply with the requirements of the Final Environmental Impact Report (Final EIR) for the Mesa Substation Project, as adopted by the California Public Utilities Commission (CPUC) on February 9, 2017.

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

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

Onsite compliance monitoring by the by WSP USA Inc. (WSP), formerly Ecology and Environment, Inc., compliance team during this reporting period focused on spot-checks of ongoing construction activities. Compliance Monitor Vince Semonsen visited the Mesa Substation construction sites on **April 7, 17, 24, and 30, 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).

Compliance Incidents

During the April 2020 reporting period, SCE self-reported one nonproject-related compliance incident. On April 13, 2020 SCE notified the CPUC/WSP that a coastal California gnatcatcher (CAGN) nest at the Mesa Substation failed. The pair abandoned the nest and a confirmed failure of the nest occurred on Sunday, April 12, 2020. The abandonment of the nest, and subsequent failure, in SCE's biologists' opinion was almost entirely due to the nest being exposed by unusually low temperatures and heavy rains during the phase of feeding chicks from April 5 to April 10, 2020 (2.50 inches of precipitation were recorded at the nearest State

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Department of Water Resources station during that period, with temperatures dropping to 48 degrees and winds of up to 6 miles per hour). Over the course of those five days, the volume and frequency of precipitation separated overstory vegetation in the coastal sage scrub, reducing the protective layer, and exposing the nest. It was evident from several vantage points from a distance where observations occurred, as well as a close-up photo of the nest contents subsequent to observation (revealing a saturated cup and lining), that the adverse effects from exposure to the elements contributed overwhelmingly to the failure of the nest.

Furthermore, there was non-Mesa project-related vegetation clearing that occurred in early February 2020, outside the project area, but in proximity to this nest location. Although the clearing occurred prior to nest construction, it was the SCE avian team's opinion that the loss of CAGN foraging habitat may have led to the nesting pair having to travel greater distances to forage and provide food deliveries, exposing the nest to increased periods of time exposed to inclement weather, thus reducing the chances of survival.

Noise Compliance

No noise exceedances occurred during the April 2020 reporting period.

Spills

During the April 2020 reporting period, no spills were documented.

Public Concerns

No public concerns were raised during April 2020.

Minor Project Changes

On March 26, 2020 and April 7, 2020, SCE submitted email approval requests for Minor Project Changes to the CPUC. During April 2020, the email requests were approved (see Table 1).

Table 1: Minor Project Change Request Approvals for April 2020

Description	Approval Date
The email request was over the use of the mechanical noxious weed removal method in accordance with SCE's Mesa 500-kV Substation Project Noxious and Invasive Weed Control Plan, Section 2.4: Weed Control – Treatment Methods. The request was approved with the condition of having full-time biological monitoring during the proposed activities.	April 2, 2020
A resume review request was submitted to the CPUC for proposed use of a qualified biologist for construction monitoring, nesting bird monitoring and CAGN monitoring and surveys.	April 9, 2020
A resume review request was submitted to the CPUC for proposed use of a qualified biologist for CAGN monitoring and surveys.	April 10, 2020

Sincerely,

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

ATTACHMENT 1

CPUC Site Inspection Reports

April 7, 17, 24, and 30, 2020

Mesa 500–kV Substation Project
CPUC Site Inspection Form

Project:	Mesa 500-kV Substation Project	**Date:**	April 7, 2020
Project Proponent:	Southern California Edison (SCE)	**Report #:**	VS114
Lead Agency:	California Public Utilities Commission (CPUC)	**Monitor(s):**	Vince Semonsen
CPUC PM:	Connie Chen, Energy Division	**AM/PM Weather:**	Mostly cloudy with light rain
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)

I arrived onsite at 1030 hours and contacted Pete Lubich and Matt Daniele, announcing my presence, and requesting an escort. Mr. Daniele was unavailable so Mr. Lubich accompanied me on my site visit.

We entered the site through the eastern entrance, and I noted that the exit and entry BMPs required maintenance (Photo 1). The rock placed on either side of the rumble plates was filled with mud and needed to be cleaned. SCE did not have street sweepers working to clean the public roadways and I emphasized the importance of preventing track out.

I observed the SWPPP inspector onsite and she noted the project rain gauge had registered 1.25 inches of rain. Conditions were wet and muddy so only a few crews were working. The stockpiled concrete and asphalt remained in the southeastern portion of the project site (Photo 2).

I checked the drainage channel surrounding the existing substation and observed that the drain inlet remained blocked and was nearly full of rainwater (Photo 3). The captured water did not appear to have spilled over into the new rack areas.

Excavation work had been performed near the southwestern corner of the existing substation. According to Mr. Lubich, a crew had removed an existing tower foundation and the hole had been partially filled with slurry (Photo 4).

The area where the equipment was parked was very muddy (Photo 5), and I noted no secondary containment devices under the equipment (Photo 6). I asked Mr. Lubich about this and he said that drip pans were not used during rain events because they fill with water or could get washed away. I had previously discussed this with Mr. Daniele, the Lead Environmental Monitor, and we agreed it was best not to use secondary containment during rain events.

Rainwater runoff from the southeastern portion of the project site continued to flow near parked equipment and through the existing BMPs along the outside of south boundary wall. Several erosion channels had developed where the runoff exited the job site (Photos 7 and 8). No maintenance or BMP upgrades had been completed in the area, allowing stormwater to flow without sediment being trapped (Photo 9). I again mentioned the need for maintenance and BMP upgrades to Mr. Lubich.

The dewatering operation was not working, and the onsite SWPPP inspector said they did not operate it during rain events. The large retention basin continued to fill with rainwater runoff (Photo 10). I asked Mr. Lubich if any Nephelometric Turbidity Unit (NTU) readings had been performed on the water in the retention basin; he was not aware of any sampling.

The western gate was open and muddy sediment was on the pavement being tracked out onto the public roads (Photo 11). I pointed this out to the SWPPP inspector. I observed Biology Monitor Wayne Woodroof onsite checking for nesting birds. He observed several mourning doves (*Zenaida macroura*) beginning to nest in the new rack areas.

Existing lattice steel towers were stockpiled in the area west of the Mesa Operations Building (Photo 12). Ponded water was noted in the same area (Photo 13). Crews were working within the existing substation, dismantling the equipment.

Work on the foundation for the northern boundary wall continued with rebar installation and concrete pouring (Photo 14). Some concrete was spilled on the ground and required cleaned up. I mentioned this to Mr. Lubich.

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)

Check on the retention basin dewatering operation and any BMP upgrades.

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

Upgrades to the BMPs are needed throughout the project site during the Phase 3 grading.

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.

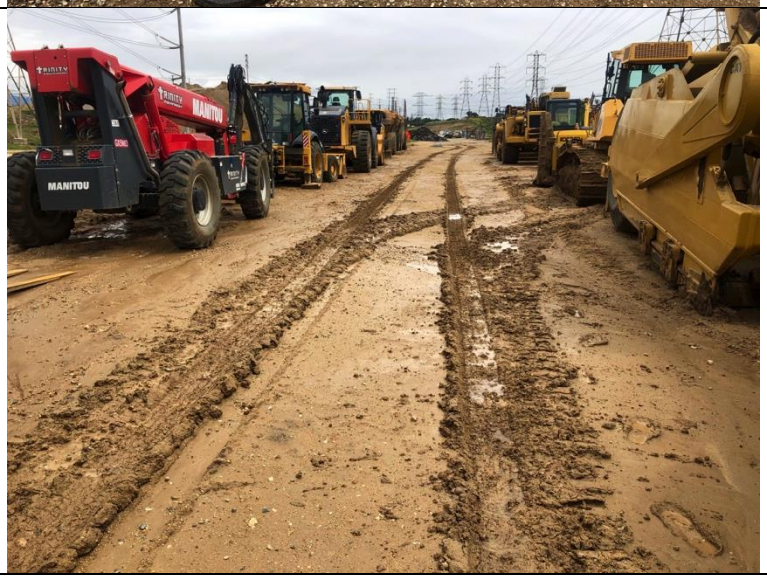
☐ Non-Compliance Level 3: An action that deviates from project requirements and has caused, or has the potential to cause major impacts on environmental resources. These actions are not in compliance with the applicant proposed measures, mitigation measures, permit conditions, approval requirements (e.g.,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

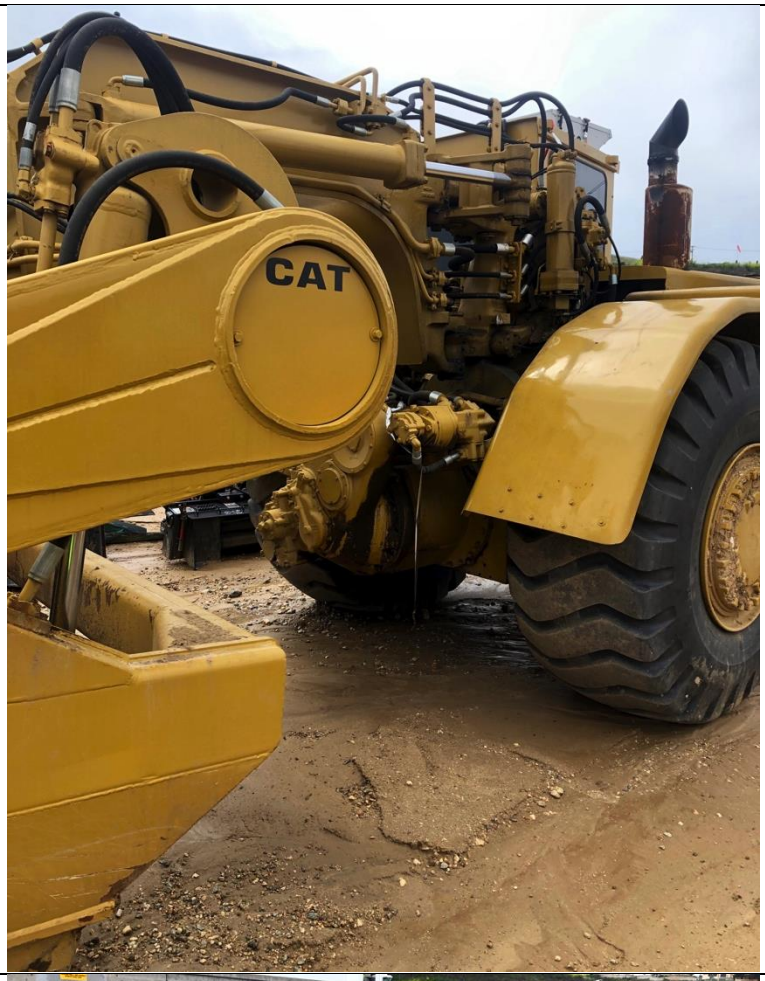
☐ Non-compliance issues reported by SCE: Were there any new non-compliance issues reported by SCE monitors since your last visit? If so, describe issues and resolution and include SCE report identification number.

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

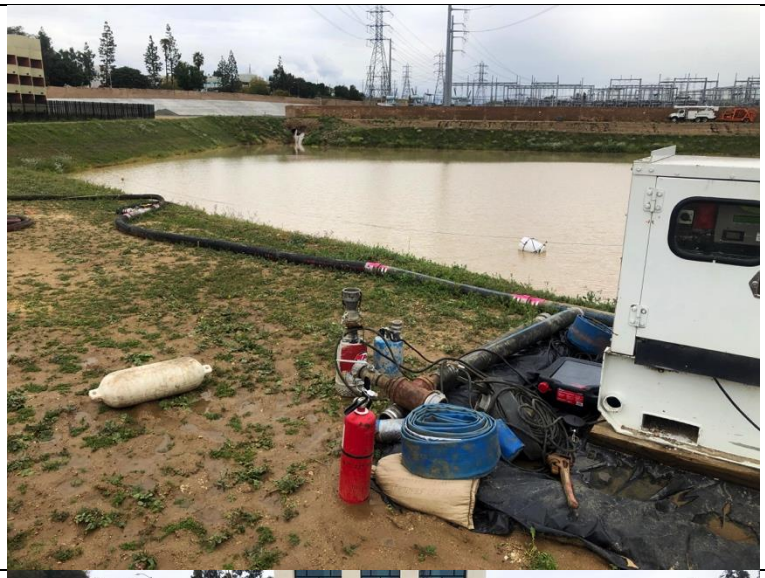
PREVIOUS NON-COMPLIANCE ITEMS REQUIRING FOLLOW-UP OR RESOLVED TODAY:

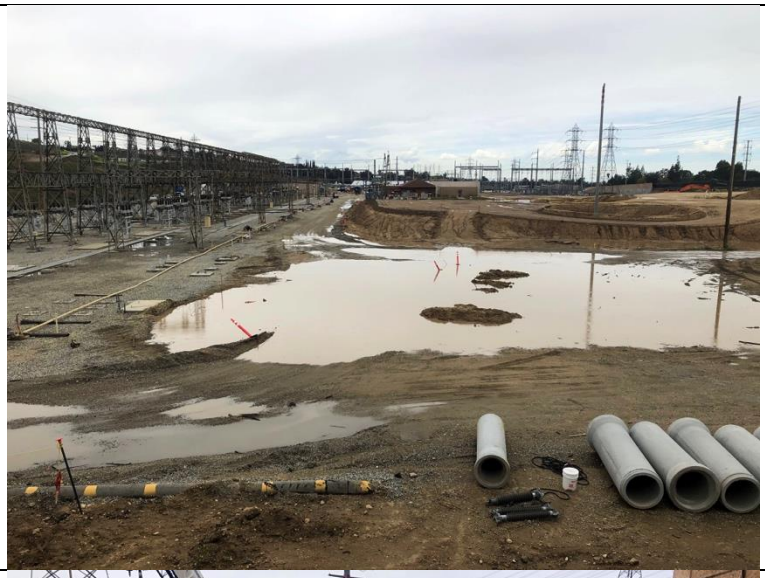
REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
4/07/20	Mesa Substation		Photo 1 – The rocky portion of the exit and entry BMP at the eastern entrance to the project was packed with mud and not functioning. Photo facing north.
4/07/20	Mesa Substation		Photo 2 – Demolished construction materials with straw wattles around them. Photo facing northeast.
4/07/20	Mesa Substation		Photo 3 – Rainwater runoff in the existing drainage channel around the substation. Photo facing east.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
4/07/20	Mesa Substation		Photo 4 – Existing tower foundation removal work. Photo facing west.
4/07/20	Mesa Substation		Photo 5 – Mud present in the vehicle parking area. Photo facing east.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
4/07/20	Mesa Substation		Photo 6 – Parked equipment without secondary containment.
4/07/20	Mesa Substation		Photo 7 – Rainwater runoff exiting the site through the equipment staging area. Photo facing southwest.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
4/07/20	Mesa Substation		Photo 8 – Rainwater runoff exiting the site through the materials staging area, leading to erosion. Photo facing east.
4/07/20	Mesa Substation		Photo 9 – No BMP maintenance or upgrades were present in the area south of the southern boundary wall. Photo facing southwest.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
4/07/20	Mesa Substation		Photo 10 – Dewatering and desilting operation near the large retention basin. Photo facing northeast.
4/07/20	Mesa Substation		Photo 11 – Muddy conditions at the western project entrance. Photo facing west.
4/07/20	Mesa Substation		Photo 12 – Existing lattice steel towers stockpiled onsite. Photo facing north.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
4/07/20	Mesa Substation		Photo 13 – Ponded water near the Phase 3 grading area. Photo facing west.
4/07/20	Mesa Substation		Photo 14 – Work on the northern boundary wall foundation. Photo facing west.

Completed by:	Vince Semonsen
Firm:	Ecotech Resources, Inc.
Date:	4/14/20

Reviewed by:	Jeff Root
Firm:	Ecotech Resources, Inc.
Date:	4/14/20

Mesa 500–kV Substation Project
CPUC Site Inspection Form

Project:	Mesa 500-kV Substation Project	**Date:**	April 17, 2020
Project Proponent:	Southern California Edison (SCE)	**Report #:**	VS115
Lead Agency:	California Public Utilities Commission (CPUC)	**Monitor(s):**	Vince Semonsen
CPUC PM:	Connie Chen, Energy Division	**AM/PM Weather:**	Overcast and cool, with a slight breeze
WSP CM:	Silvia Yanez	**Start/End time:**	1000 to 1300 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 1000 hours and met with Matt Daniele who escorted me into the project site where Pete Lubich took over. Upon entering the site, I noted the exit and entry BMPs again needed maintenance (Photo 1). Mr. Lubich indicated some upgrades to the BMPs had been completed since my last site visit, but the recent storms again filled the rock with mud.

A storm system moved into the area late last week with very heavy rain falling on Friday, April 10, 2020. According to the onsite SWPPP inspector, the project received 2.57 inches. Mr. Lubich said the water level in the large retention basin rose 5 feet.

The piles of construction debris continued to be stockpiled within the southeastern portion of the site, with equipment working to break it up for offsite transport (Photo 2). A crew was working on one of the lattice steel towers (Photo 3).

The large retention basin was filling up, but the rainy season was nearly at an end (Photo 4). A pair of Canada geese (*Branta canadensis*) had begun nesting under one of the towers near the basin; nest buffer signs were installed (Photo 5). One of the birds was seen in Photo 4. Lead Biologist Matt Daniele sent me a photo of the nest (Photo 6). We discussed nesting birds and Mr. Daniele said the coastal California gnatcatcher (*Polioptila californica*) nest failed, possibly because of the heavy rains, but they started a new nest. Paperwork was submitted for a new nest buffer reduction.

The dewatering operation was up and running, with a full-time SWPPP inspector monitoring the Nephelometric Turbidity Units (NTUs) and flow levels. The SWPPP inspector said all the NTU readings and flow rates were within the approved parameters (Photo 7). The water hose was moved from the standpipe in the small triangular detention basin into the manhole near East Markland Drive (Photo 8). The technician operating the dewatering system said pumping occurred from 0700 to 1900 hours.

The triangular detention basin appeared be filled with water, but was being pumped into the large retention basin (Photo 9). The secondary containment under the water pump in the retention basin was in poor condition and needed to be replaced (Photo 10). I mentioned this to Mr. Lubich and Mr. Daniele via text at the end of the day.

Transformers continued to be worked on within the new rack areas (Photo 11). I checked the fuel tanks within the construction fueling station and their secondary containment appeared in good condition.

No maintenance or upgrades to the BMPs were completed along the outside of the southern boundary wall (Photo 12). These BMPs were not functioning so sediment-laden water was flowing through the southeastern portion of the project site. Channels cut by the rainwater runoff showed that a large quantity of water was coming through the area (Photo 13).

Rainwater runoff filled a catch basin under one of the lattice steel towers (Photo 14); according to Mr. Lubich, it was being pumped into water trucks for use throughout the project. The water pump was leaking oil and the drip pan was in poor condition (Photo 15). I pointed this out to Mr. Lubich. The drainage channel surrounding the existing substation was full of muddy rainwater runoff (Photo 16).

Work continued on the foundation for the northern boundary wall (Photo 17). Phase 3 grading work continued along with installation of the new stormwater drainage pipe system (Photo 18). One of the parked scrapers had several drip pans underneath it and they were not catching the dripping fluid (Photo 19). Both Mr. Daniele and I spoke to the construction crews numerous times about the need for additional secondary containment, especially under the larger pieces of equipment.

Crews were working within the existing substation, removing the equipment (Photo 20). Mr. Lubich said the existing substation had been completely deenergized so crews were dismantling the existing equipment more quickly.

A crew was working north of Potrero Grande Drive, removing some of the existing lattice steel towers (Photo 21). The exit and entry BMPs into the area were not functioning and mud was being tracked out onto the public roadway (Photo 22). I spoke to

the project foreman and also text both Mr. Lubich and Mr. Daniele about this issue.

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 any BMP upgrades.

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

Upgrades to the BMPs are needed throughout the project site during the Phase 3 grading.

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.

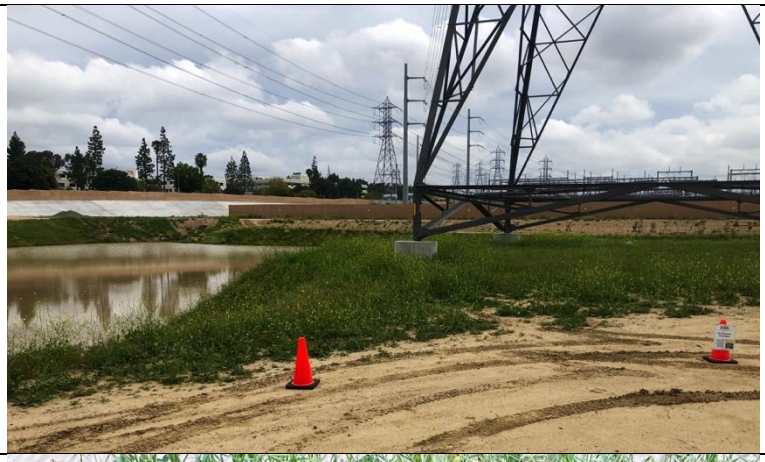
☐ Non-compliance issues reported by SCE: Were there any new non-compliance issues reported by SCE monitors since your last visit? If so, describe issues and resolution and include SCE report identification number.

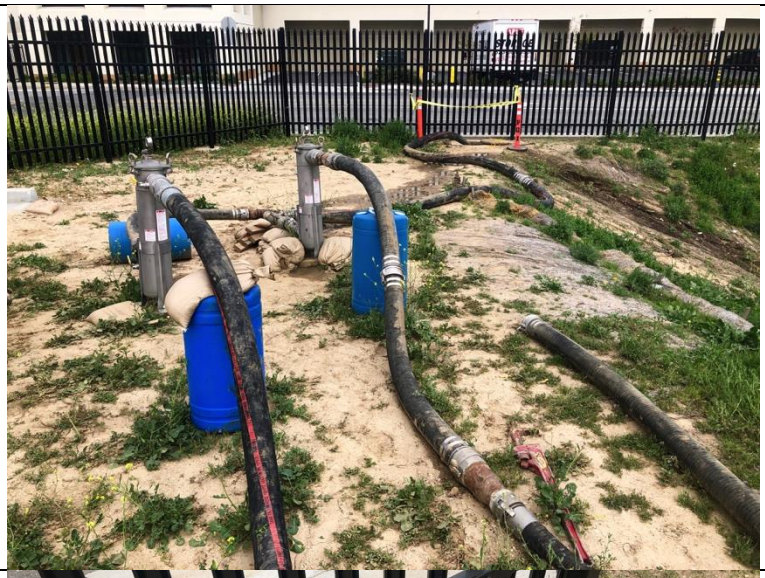
Date	Non-compliance issue and resolution	Relevant Mitigation Measure	NC Report #

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

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
4/17/20	Mesa Substation		Photo 1 – The rocky portion of the exit and entry BMP at the eastern entrance to the project was packed with mud and not functioning. Photo facing south.
4/17/20	Mesa Substation		Photo 2 – Demolished construction materials in the southeastern portion of the project site. Photo facing southwest.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
4/17/20	Mesa Substation		Photo 3 – Crew working on a lattice steel tower. Photo facing west.
4/17/20	Mesa Substation		Photo 4 – Large retention basin. Photo facing northeast.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
4/17/20	Mesa Substation		Photo 5 – A pair of Canada geese nesting under the tower; nest buffer signs were installed. Photo facing east.
4/17/20	Mesa Substation		Photo 6 – Canada goose nest under the tower. Photo taken by Matt Daniele.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
4/17/20	Mesa Substation		Photo 7 – Dewatering filtration cannisters. Photo facing west.
4/17/20	Mesa Substation		Photo 8 – Filtered water going into the offsite drainage system.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
4/17/20	Mesa Substation		Photo 9 – Triangular basin with pumping equipment. Photo facing east.
4/17/20	Mesa Substation		Photo 10 – Water pump in the triangular basin with a broken secondary containment structure.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
4/17/20	Mesa Substation		Photo 11 – Transformers within the new rack areas. Photo facing south.
4/17/20	Mesa Substation		Photo 12 – BMPs outside of the southern boundary wall. Photo facing west.
4/17/20	Mesa Substation		Photo 13 – Erosion rills where water was draining from the project site. Photo facing east.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
4/17/20	Mesa Substation		Photo 14 – Ponded rainwater runoff south of the existing substation. Photo facing north.
4/17/20	Mesa Substation		Photo 15 – Water pump with a broken drip pan.
4/17/20	Mesa Substation		Photo 16 – Rainwater runoff in the existing substation drainage channel. Photo facing east.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
4/17/20	Mesa Substation		Photo 17 – Northern boundary wall. Photo facing west.
4/17/20	Mesa Substation		Photo 18 – Phase 3 grading and storm drain installation. Photo facing east.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
4/17/20	Mesa Substation		Photo 19 – Drip pan under a large scraper to contain an oil leak.
4/17/20	Mesa Substation		Photo 20 – Equipment being dismantled within the existing substation. Photo facing southwest.
4/17/20	Mesa Substation		Photo 21 – Lattice steel tower removal within the telecommunications corridor north of Potrero Grande Drive. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
4/17/20	Mesa Substation		Photo 22 – Exit and entry BMPs north of Potrero Grande Drive. Photo facing east.

Completed by:	Vince Semonsen
Firm:	Ecotech Resources, Inc.
Date:	4/23/20

Reviewed by:	Jeff Root
Firm:	Ecotech Resources, Inc.
Date:	4/24/20

Mesa 500–kV Substation Project
CPUC Site Inspection Form

Project:	Mesa 500-kV Substation Project	**Date:**	April 24, 2020
Project Proponent:	Southern California Edison (SCE)	**Report #:**	VS116
Lead Agency:	California Public Utilities Commission (CPUC)	**Monitor(s):**	Vince Semonsen
CPUC PM:	Connie Chen, Energy Division	**AM/PM Weather:**	Clear, sunny, and hot.
WSP CM:	Silvia Yanez	**Start/End time:**	0945 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 0945 hours on a hot and sunny day. Matt Daniele escorted me into the project site through the eastern entrance. I noticed ongoing work with a large excavator that was breaking up demolished materials in the staging area located in the southeastern portion of the project site (Photo 1).

Following a week of warm and dry weather the site had dried out and water trucks were watering the access roads to minimize dust.

Removal of the existing substation infrastructure continued (Photo 2).

Dewatering the large retention basin continued with the water levels having lowered several feet (Photo 3). The system seemed to be working well with the filter system keeping the Nephelometric Turbidity Unit (NTUs) around 200 (Photo 4). I spoke with the SWPPP inspector who was measuring the NTUs several times a day; he also said the flow rate remained around 150 gallons per minute. The dewatering was being performed 7 days a week, 12 hours per day.

The water pump remained in the small triangular retention basin even though the basin was nearly dry (Photo 5). The secondary containment under the water pump had not been upgraded, as was requested following my last site visit. Since we appeared to be out of the rainy season, the pump would probably not be needed at this location.

I walked through the BMP area outside of the southern boundary wall. The drain inlet at the end of the BMPs was completely clogged with sediment and debris (Photo 6), and the straw wattles were almost completely buried with sediment from the site (Photo 7). The area was growing two invasive nonnative plants, black mustard (*Brassica nigra*) and castor bean (*Ricinus communis*) (Photo 8). I spoke to Mr. Daniele about the need to remove these plants; especially since they were getting ready to seed and attracted nesting birds.

A crew was stringing wire in several lattice steel towers, one of which was near the coastal California gnatcatcher (*Polioptila californica*) buffer area (Photo 9). The birds were building a new nest and avian biologists Wayne Woodroof and Lara McGee were onsite monitoring the work activity nearby. The Power Grade contractor kept vehicular traffic out of the area (Photo 10).

Phase 3 grading work continued including moving soil (Photo 11), trenching for the new storm drain system (Photo 12), and building the new northern boundary wall (Photo 13). Secondary containment under the larger parked equipment, such as the scrapers and haul trucks were too small to adequately contain engine and hydraulic fluid leakage (Photo 14). I spoke to Mr. Daniele about this issue.

Photo 15 shows an overview of the Phase 3 work looking west from the Mesa Operations Building access road.

A crew was working north of Potrero Grande Drive on removing the existing towers and tower foundations (Photo 16).

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 on-site, environmental observations of note)

Since the rainy season is mostly over, BMP upgrades are probably not needed.

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.

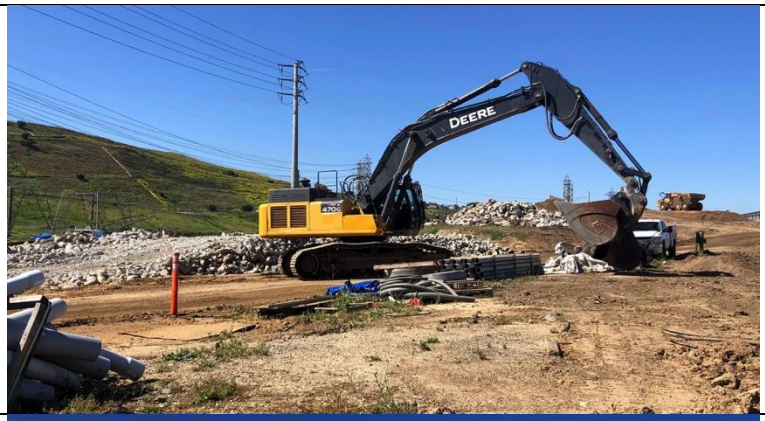
☐ Non-Compliance Level 2: An action that deviates from project requirements or mitigation measures that has caused, or has the potential to cause minor impacts on environmental resources. A non-compliance Level 2 situation may occur when Level 1 incidents are repeated, and show a trend toward placing 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.

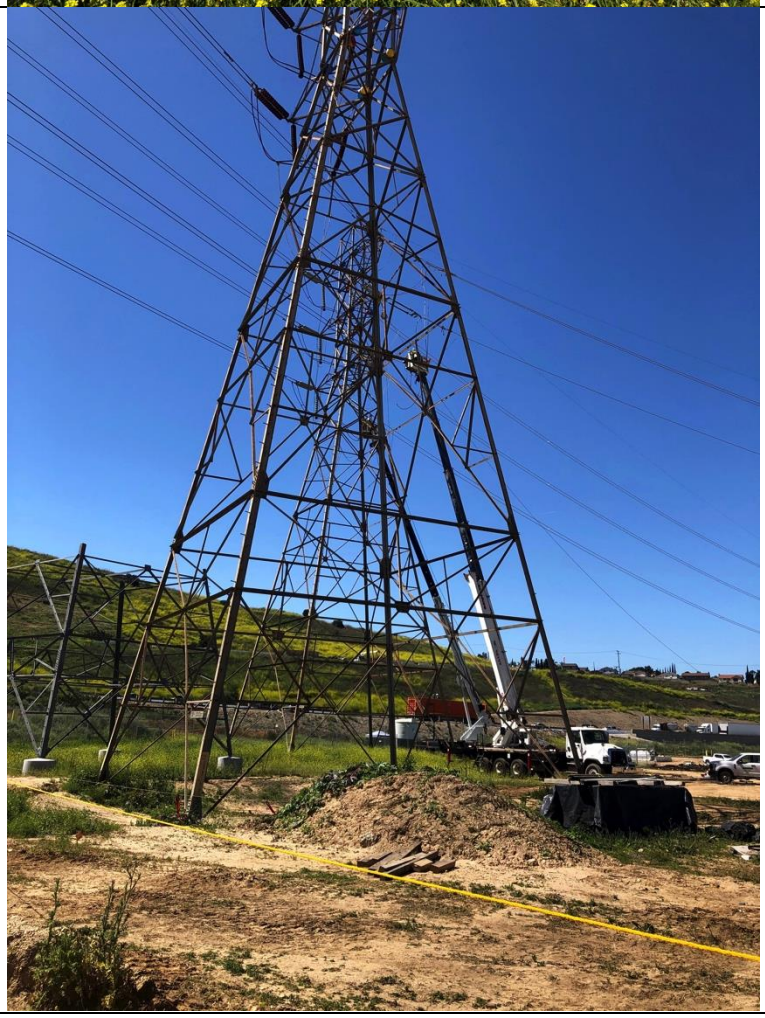
Date	Non-compliance issue and resolution	Relevant Mitigation Measure	NC Report #

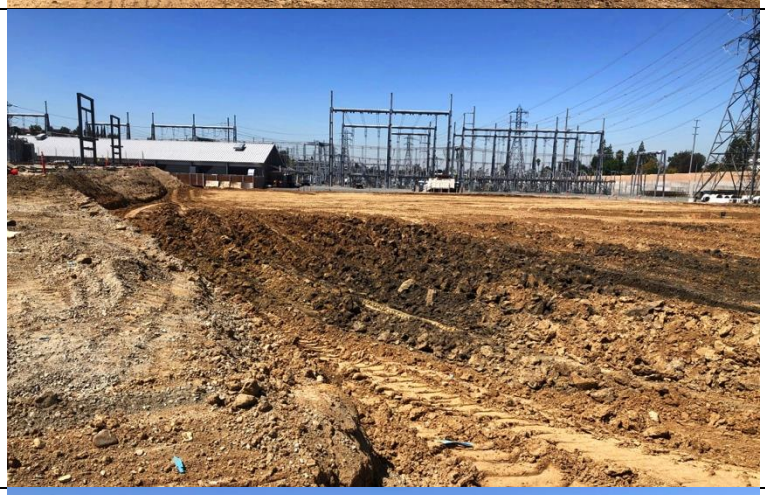
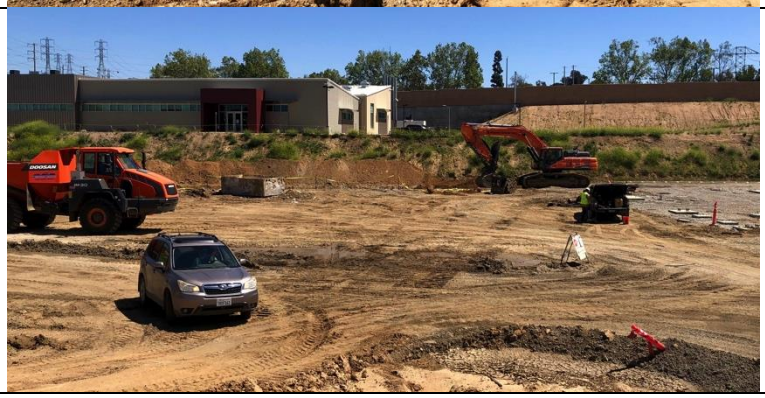
PREVIOUS NON-COMPLIANCE ITEMS REQUIRING FOLLOW-UP OR RESOLVED TODAY:

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
4/24/20	Mesa Substation		Photo 1 – Demolished construction materials in the southeastern portion of the project site. Photo facing southwest.
4/24/20	Mesa Substation		Photo 2 – Removal of the existing substation infrastructure. Photo facing west.
4/24/20	Mesa Substation		Photo 3 – Large retention basin and dewatering system. Photo facing north.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
4/24/20	Mesa Substation		Photo 4 – Filtration system on the dewatering hoses. Photo facing west.
4/24/20	Mesa Substation		Photo 5 – Water pump in the triangular basin remained with a broken secondary containment structure.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
4/24/20	Mesa Substation		Photo 6 – Plugged drain inlet at the end of the BMP area along the outside of the southern boundary wall. Photo facing east.
4/24/20	Mesa Substation		Photo 7 – Captured sediment within the BMP area outside of the southern boundary wall. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
4/24/20	Mesa Substation		Photo 8 – Black mustard and castor bean plants growing outside of the southern boundary wall. Photo facing west.
4/24/20	Mesa Substation		Photo 9 – Line crew pulling wire to the lattice steel towers. Photo facing southwest.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
4/24/20	Mesa Substation		Photo 10 – Staging area within the coastal California gnatcatcher nest buffer. Photo facing east.
4/24/20	Mesa Substation		Photo 11 – Soil work within the Phase 3 grading area. Photo facing west.
4/24/20	Mesa Substation		Photo 12 – Trenching for a storm drain system just west of the Mesa Operations Building. Photo facing east.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
4/24/20	Mesa Substation		Photo 13 – Northern boundary wall construction. Photo facing north.
4/24/20	Mesa Substation		Photo 14 – Inadequate secondary containment under parked equipment.
4/24/20	Mesa Substation		Photo 15 – Overview of the Phase 3 grading and substation demolition. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
4/24/20	Mesa Substation		Photo 16 – Removal of the existing tower foundations within the Transmission Corridor north of Potrero Grande Drive. Photo facing south.

Completed by:	Vince Semonsen
Firm:	Ecotech Resources, Inc.
Date:	4/28/20

Reviewed by:	Jeff Root
Firm:	Ecotech Resources, Inc.
Date:	4/28/20

Mesa 500–kV Substation Project
CPUC Site Inspection Form

Project:	Mesa 500-kV Substation Project	**Date:**	April 29 and 30, 2020
Project Proponent:	Southern California Edison (SCE)	**Report #:**	VS117
Lead Agency:	California Public Utilities Commission (CPUC)	**Monitor(s):**	Vince Semonsen
CPUC PM:	Connie Chen, Energy Division	**AM/PM Weather:**	Overcast and cool with a slight breeze
WSP CM:	Silvia Yanez	**Start/End time:**	04/29/2020 1800 to 1900 hours 04/30/2020 0600 to 1000 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 1800 hours on April 29, 2020. Line crews were working late into the night to pull wire across Market Place Drive. They closed the road to all traffic to allow for the wire pulling.

I arrived onsite again at 0600 hours on April 30, 2020, and met with the biological monitors as they cleared the site prior to the start of construction activities. I attended the morning tailboard at 0630 hours (Photo 1). Due to the COVID-19 pandemic, the tailboard was limited to 10 people, so only the various construction superintendents attended. Pete Lubich ran the tailboard and Lead Biological Inspector Matt Daniele was in attendance.

According to Avian Biologist Wayne Woodroof, his morning routine was to clear the site and meet with Matt Daniele after the tailboard to discuss any changes to the scheduled work activities. Mr. Woodroof accompanied me on my site visit.

A large hole had been excavated south of the new 220-kV rack area and alongside the access road (Photo 2). Mr. Daniele said that a catch basin would be excavated for some of the transformers and several more would be dug around the rack areas. An earthen ramp was in one corner to allow any captured animals to exit the hole.

I inspected the area outside of the southern boundary wall and observed a small crew removing invasive weeds (Photo 3). They were cutting the weeds by hand and bagging them for removal (Photo 4). Unfortunately, the black mustard (*Brassica nigra*) and castor bean (*Ricinus communis*) growing in the small drainage were not being removed (Photo 5). I spoke to Mr. Woodroof about removing the weeds in the drainage as well. Prior to the weeding work, the avian biologist conducted a nesting bird survey and checked regularly during their morning sweeps.

The dewatering of the large retention basin had continued 7 days a week, 12 hours per day, and the water levels appeared to have dropped several feet (Photo 6). The silt removal system had been doubled with additional pumps, two additional settling tanks (Photo 7), and two filtering canisters (Photo 8). The water from the small triangular catch basin was being sent through the standpipe to the public drainage system (Photo 9). Dewatering was occurring at 350 gallons per minute and the Nephelometric Turbidity Unit (NTU) levels were remaining around 200.

The Canada geese (*Branta canadensis*) continue to incubate their eggs under the tower and the raven (*Corvus corax*) chicks were close to fledging in the adjacent tower (Photo 10).

Within the various rack areas, crews continued to assemble the transformers (Photo 11) and a line crew was pulling wire (Photo 12).

Within the large Phase 3 grading area, crews continued to remove the existing concrete (Photo 13) and stockpiling it for additional demolition in the southeastern portion of the project site (Photo 14). Construction of the new northern boundary wall continued (Photo 15), belly scrapers were moving large quantities of soil (Photo 16), and the new storm drain system was being installed (Photo 17).

The majority of the existing substation infrastructure was removed (Photo 18).

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 on-site, environmental observations of note)

COMPLIANCE SUMMARY

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

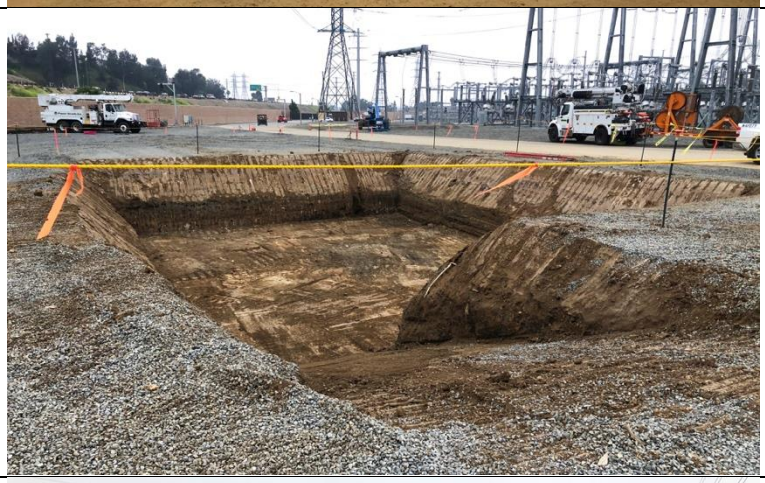
☐ Non-Compliance Level 2: An action that deviates from project requirements or mitigation measures that has caused, or has the potential to cause minor impacts on environmental resources. A non-compliance Level 2 situation may occur when Level 1 incidents are repeated, and show a trend toward placing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

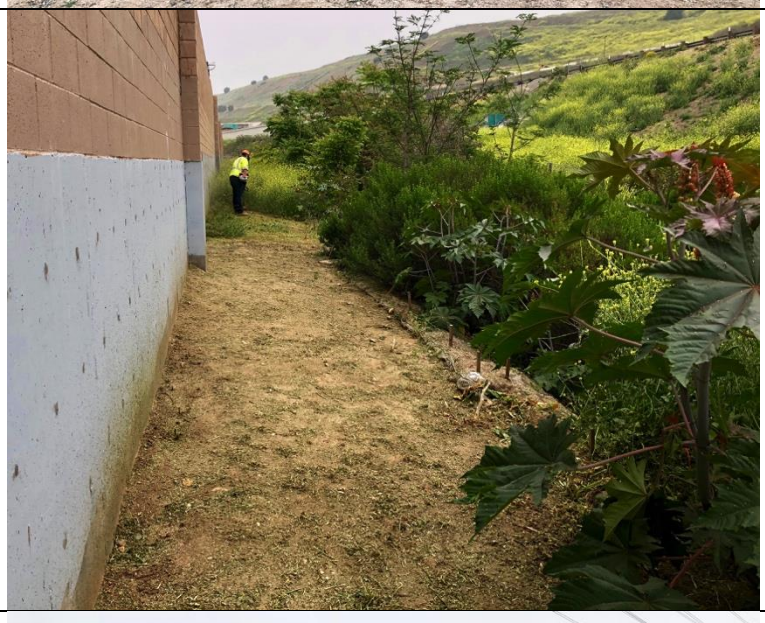
☐ Non-Compliance Level 3: An action that deviates from project requirements and has caused, or has the potential to cause major impacts on environmental resources. These actions are not in compliance with the applicant proposed measures, mitigation measures, permit conditions, approval requirements (e.g.,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

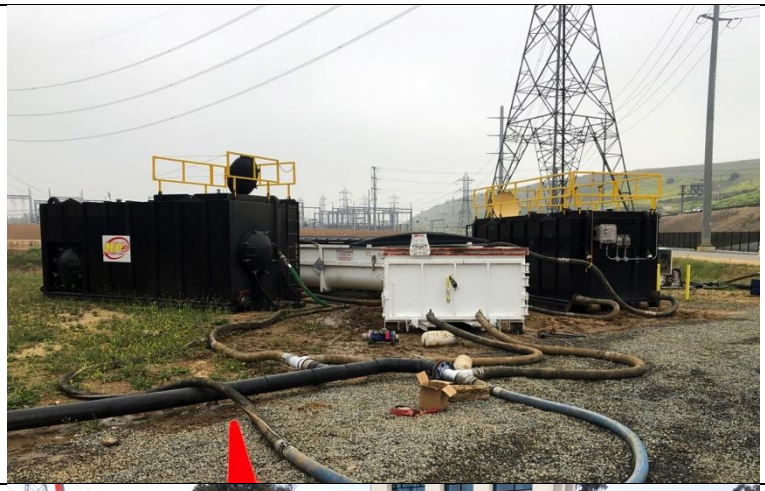
☐ Non-compliance issues reported by SCE: Were there any new non-compliance issues reported by SCE monitors since your last visit? If so, describe issues and resolution and include SCE report identification number.

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

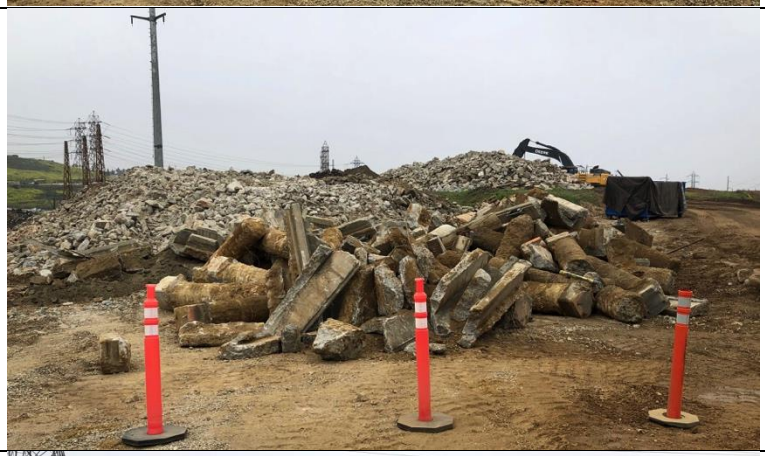
PREVIOUS NON-COMPLIANCE ITEMS REQUIRING FOLLOW-UP OR RESOLVED TODAY:

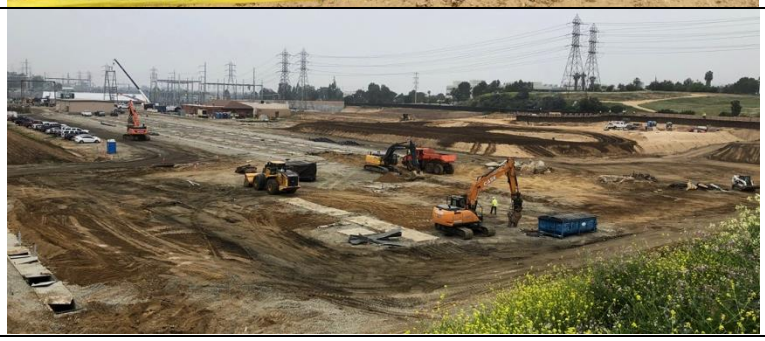
REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
4/30/20	Mesa Substation		Photo 1 – Morning tailboard meeting.
4/30/20	Mesa Substation		Photo 2 – Catch basin for the transformers. Photo facing west.
4/30/20	Mesa Substation		Photo 3 – Area outside of the southern boundary wall had been weeded. Photo facing southwest.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
4/30/20	Mesa Substation		Photo 4 – Crew pulling and bagging black mustard (*Brassica nigra*).
4/30/20	Mesa Substation		Photo 5 – Mustard removal outside of the southern boundary wall. Photo facing east.
4/30/20	Mesa Substation		Photo 6 – Large retention basin. Photo facing northeast.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
4/30/20	Mesa Substation		Photo 7 – Filtering tanks for the dewatering operation. Photo facing east.
4/30/20	Mesa Substation		Photo 8 – Filter canisters had been doubled. Photo facing west.
4/30/20	Mesa Substation		Photo 9 – Filtered water sent into the catch basin standpipe. Photo facing east.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
4/30/20	Mesa Substation		Photo 10 – A raven nest in a lattice steel tower. Photo facing northeast.
4/30/20	Mesa Substation		Photo 11 – Transformer assembly within the rack areas. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
4/30/20	Mesa Substation		Photo 12 – Pulling wire within the 220-kV rack area. Photo facing northeast.
4/30/20	Mesa Substation		Photo 13 – Removal of existing concrete during Phase 3 grading. Photo facing north.
4/30/20	Mesa Substation		Photo 14 – Additional demolition of the existing concrete. Photo facing west.
4/30/20	Mesa Substation		Photo 15 – Construction of the northern boundary wall. Photo facing north.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
4/30/20	Mesa Substation		Photo 16 – Belly scrapers moving soil. Photo facing west.
4/30/20	Mesa Substation		Photo 17 – New storm drain system.
4/30/20	Mesa Substation		Photo 18 – Overview of the Phase 3 grading operation. Photo facing west.

Completed by:	Vince Semonsen
Firm:	Ecotech Resources, Inc.
Date:	5/07/20

Reviewed by:	Jeff Root
Firm:	Ecotech Resources, Inc.
Date:	5/08/20