



March 3, 2021

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

**Re: Monthly Report Summary #33 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 **June 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 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 **June 3, 12, 17, and 24, 2020**. Site inspection reports that summarize observed construction activities and compliance events and verify mitigation measures (MMs) and applicant proposed measures (APMs) were completed for the site visits. These reports are attached below (Attachment 1).

One compliance concern occurred during the period from June 1 to 30, 2020, however, overall, the Mesa Substation Project has maintained compliance with the Mitigation Monitoring, Compliance, and Reporting Program's (MMCRP) Compliance Plan. Communication between the CPUC/WSP compliance team and SCE has been regular and effective; the correspondence pertained to and documented compliance events, upcoming compliance-related surveys and deliverables, and the construction schedule. Agency calls between the CPUC/WSP and SCE, along with daily schedule updates and automated

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database notifications from SCE, provided additional compliance information and construction summaries. Furthermore, SCE's monthly compliance status report for June 2020 provided a compliance summary and included a description of construction activities from June 1 to 30, 2020, a detailed look-ahead construction schedule, a summary of compliance with Mesa Substation Project commitments (i.e., the MMs/APMs) for biological resources, cultural and paleontological resources, the Storm Water Pollution Prevention Plan (SWPPP), noise, and the Worker Environmental Awareness Program (WEAP), non-compliance issues and resolutions, and public complaints and notifications.

### **Compliance Incidents**

During the June 2020 reporting period, the CPUC Compliance Monitor reported the following compliance concerns:

- Between June 12 and June 13, 2020, while excavating and removing foundations in the 220-kV area of existing Mesa, Power Grade uncovered transite pipe. After the discovery, Power Grade moved portions of the transite pipe out of the immediate area, and staged the transite on plastic approximately 40 feet to the east. Power Grade is not approved as an abatement contractor and not allowed to handle or excavate asbestos. Additionally, moving the transite is in conflict with MM HZ-4 with respect to handling contaminated soils, and procedures for appropriate disposal and/or treatment.

### **Noise Compliance**

No noise exceedances occurred during the June 2020 reporting period.

### **Spills**

No spills were reported during June 2020.

### **Public Concerns**

No public concerns were raised during June 2020.

### **Minor Project Changes**

No Minor Project Changes were requested during June 2020.

Sincerely,



Silvia Yanez  
Project Manager, Ecology and Environment, Inc.

cc:

Lori Rangel, SCE

Don Dow, SCE

# ATTACHMENT 1

CPUC Site Inspection Reports

June 3, 12, 17, and 24, 2020



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

<b>Project:</b>	Mesa 500-kV Substation Project	<b>Date:</b>	June 3, 2020
<b>Project Proponent:</b>	Southern California Edison (SCE)	<b>Report #:</b>	VS122
<b>Lead Agency:</b>	California Public Utilities Commission (CPUC)	<b>Monitor(s):</b>	Vince Semonsen
<b>CPUC PM:</b>	Connie Chen, Energy Division	<b>AM/PM Weather:</b>	Sunny and warm with a slight breeze
<b>WSP CM:</b>	Silvia Yanez	<b>Start/End time:</b>	1000 to 1200 hours
<b>Project NTP(s):</b>	Notice to Proceed (NTP)-1, NTP-2		

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

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

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

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

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

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

I arrived onsite at 1000 hours and notified both Pete Lubich and Lead Environmental Biologist Matt Daniele. Mr. Daniele was unavailable so Mr. Lubich accompanied me on my site visit.

The rock to be used to upgrade the exit and entry BMPs was stockpiled at the bottom of the exit ramp. I asked Mr. Lubich why the rock had not been installed; he indicated he was regularly asking but nothing had been completed. He said adding the rock would make it harder for vehicles to get up the slope. Since the rainy season ended, trackout was less of a concern.

The piles of concrete and asphalt continued to grow as the demolition of the existing substation moved forward (Photo 1). Mr. Lubich said crushing and hauling off of materials would begin sometime in the middle of June. He also expected that 100,000 cubic yards of soil would be transported to a nearby development pending soil testing.

Soil work was being completed at the northeastern corner of the project site, near the Mesa Operations Building (Photo 2). Water trucks were watering the area in addition to all the access roads throughout the project site.

Work continued on the southern boundary wall with portions of the foundation being poured and the ongoing brick installation (Photo 3).

The forms were stripped from the transformer catch basin and trenches were being dug for the incoming and outgoing lines (Photo 4).

The retention basin dewatering continued, with an estimated 5 million gallons left to be pumped and filtered (Photo 5). Mr. Lubich estimated there was between 15 to 17 million gallons in the basin when they started. While I was onsite, a water truck was being filled (Photo 6). Additional filters were added to the system (Photo 7), allowing them to keep the Nephelometric Turbidity Unit (NTU) levels down while pumping at approximately 240 gallons per minute (Photo 8).

Assembly of the new transformers continued within the 66-kilovolt (kV) rack area, with an additional three transformers to be delivered to the project site (Photo 9).

The Phase 4 contractor was selected and was beginning to set up onsite (Photo 10).

The Phase 3 grading continued with equipment moving soil (Photo 11), installing the stormwater drainage pipe system (Photo 12), and removing the various existing foundations (Photo 13). The wooden climbing structures were installed in the storm drain trench. All of the asbestos-contaminated piping was removed (Photo 14).

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

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

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

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

**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
6/03/20	Mesa Substation		Photo 1 – Stockpiles of concrete and asphalt were being prepared for recycling. Photo facing southwest.
6/03/20	Mesa Substation		Photo 2 – Earthwork near the Mesa Operations Building. Photo facing north.
06/03/20	Mesa Substation		Photo 3 – Installation of the southern boundary wall. Photo facing west.

**REPRESENTATIVE SITE PHOTOGRAPHS**

Date	Location	Photo	Description
6/03/20	Mesa Substation		Photo 4 – Trench work around the transformer catch basin. Photo facing east.
6/03/20	Mesa Substation		Photo 5 – The large retention basin with an estimated 5 million gallons remaining. Photo facing northeast.
6/03/20	Mesa Substation		Photo 6 – The dewatering system filled a water truck. Photo facing north.

**REPRESENTATIVE SITE PHOTOGRAPHS**

Date	Location	Photo	Description
6/03/20	Mesa Substation		Photo 7 – Additional filtering cannisters added to the dewatering system. Photo facing west.
6/03/20	Mesa Substation		Photo 8 – Flow meter on the dewatering system.
6/03/20	Mesa Substation		Photo 9 – Transformer assembly area. Photo facing west.

**REPRESENTATIVE SITE PHOTOGRAPHS**

Date	Location	Photo	Description
6/03/20	Mesa Substation		Photo 10 – Phase 4 contractor equipment being delivered onsite. Photo facing west.
6/03/20	Mesa Substation		Photo 11 – Excavation of soil during the Phase 3 grading work. Photo facing south.
6/03/20	Mesa Substation		Photo 12 – Storm drain installation work with a wooden climbing structure. Photo facing north.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
6/03/20	Mesa Substation		Photo 13 – Foundations were being removed and transported to the staging area. Photo facing south.
6/03/20	Mesa Substation		Photo 14 – The last of the contaminated piping was removed. Photo facing southwest.

<b>Completed by:</b>	Vince Semonsen
<b>Firm:</b>	Ecotech Resources, Inc.
<b>Date:</b>	6/11/20
<b>Reviewed by:</b>	Jeff Root
<b>Firm:</b>	Ecotech Resources, Inc.
<b>Date:</b>	6/11/20



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

<b>Project:</b>	Mesa 500-kV Substation Project	<b>Date:</b>	June 12, 2020
<b>Project Proponent:</b>	Southern California Edison (SCE)	<b>Report #:</b>	VS123
<b>Lead Agency:</b>	California Public Utilities Commission (CPUC)	<b>Monitor(s):</b>	Vince Semonsen
<b>CPUC PM:</b>	Connie Chen, Energy Division	<b>AM/PM Weather:</b>	Partly cloudy, warm, and calm
<b>WSP CM:</b>	Silvia Yanez	<b>Start/End time:</b>	1000 to 1230 hours
<b>Project NTP(s):</b>	Notice to Proceed (NTP)-1, NTP-2		

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

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

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

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

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

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

I arrive onsite at 1000 hours and notified both Pete Lubich and Lead Environmental Biologist Matt Daniele. Both were unavailable, so Biological Monitor Wayne Woodroof accompanied me on my site visit.

The rock required to upgrade the exit and entry BMPs at the eastern entrance remained stockpiled at the bottom of the exit ramp. Upon leaving the site, I noticed mud tracked out onto Market Place Drive. The soil was spread out down the road toward Potrero Grande Drive and packed down so that a street sweeper could not clean it. I sent a text to Mr. Daniele and Lori Rangel about the issue. Mr. Daniele called me and we discussed options for relocating the BMPs to the bottom of the slope to eliminate the safety issue.

The piles of concrete and asphalt continued to grow as the demolition of the existing substation moved forward (Photo 1). Soil work continued in the northeastern corner of the project site as part of the Phase 3 grading (Photo 2).

Work continued on the southern boundary wall (Photo 3).

Trenching was being completed for the piping associated with the transformer catch basin (Photo 4). I asked Mr. Woodroof about climbing structures for wildlife for the trench and he said they would be installed by the end of the day. Crews applied waterproofing and were backfilling around the walls of the catch basin (Photo 5).

I looked briefly at the area outside of the southern boundary wall, noting that no new work had been completed in the area (Photo 6).

The retention basin dewatering continued with a new generator being delivered onsite (Photo 7). Oil was noted within the secondary containment under the existing generator (Photo 8). The pumping rate was around 200 gallons per minute, keeping the Nephelometric Turbidity Unit (NTU) levels within an acceptable range.

The Phase 3 grading continued with the installation of the stormwater drainage pipe system (Photo 9), excavation work was underway near the Mechanical Electrical Equipment Room building (Photo 10), and the removal of the underground foundations and conduit trenches continued (Photo 11).

The nesting house finches (*Haemorhous mexicanus*) in the building were close to fledging.

**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 birds.

**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
6/12/20	Mesa Substation		Photo 1 – Stockpiles of concrete and asphalt being prepared for recycling. Photo facing southwest.
6/12/20	Mesa Substation		Photo 2 – Earthwork near the Mesa Operations Building. Photo facing northwest.
6/12/20	Mesa Substation		Photo 3 – Installation of the southern boundary wall. Photo facing west.

**REPRESENTATIVE SITE PHOTOGRAPHS**

Date	Location	Photo	Description
6/12/20	Mesa Substation		Photo 4 – Trench work around the transformer catch basin. Photo facing southwest.
6/12/20	Mesa Substation		Photo 5 – Waterproofing the catch basin walls and backfilling. Photo facing south.
06/12/20	Mesa Substation		Photo 6 – BMPs around the outside of the southern boundary wall. Photo facing west.

**REPRESENTATIVE SITE PHOTOGRAPHS**

Date	Location	Photo	Description
6/12/20	Mesa Substation		Photo 7 – Pumping and filtering work. A new generator was delivered and set up. Photo facing northwest.
6/12/20	Mesa Substation		Photo 8 – Oil present in the secondary containment basin.
6/12/20	Mesa Substation		Photo 9 – Storm drain installation within the Phase 3 area. Photo facing north.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
6/12/20	Mesa Substation		Photo 10 – Excavation work near the Mechanical Electrical Equipment Room building. Photo facing west.
06/12/20	Mesa Substation		Photo 11 – Removal of the existing foundations and conduit. Photo facing south.

<b>Completed by:</b>	Vince Semonsen
<b>Firm:</b>	Ecotech Resources, Inc.
<b>Date:</b>	6/19/20

<b>Reviewed by:</b>	Jeff Root
<b>Firm:</b>	Ecotech Resources, Inc.
<b>Date:</b>	6/19/20



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

<b>Project:</b>	Mesa 500-kV Substation Project	<b>Date:</b>	June 17, 2020
<b>Project Proponent:</b>	Southern California Edison (SCE)	<b>Report #:</b>	VS124
<b>Lead Agency:</b>	California Public Utilities Commission (CPUC)	<b>Monitor(s):</b>	Vince Semonsen
<b>CPUC PM:</b>	Connie Chen, Energy Division	<b>AM/PM Weather:</b>	Partly cloudy and warm with a slight breeze
<b>WSP CM:</b>	Silvia Yanez	<b>Start/End time:</b>	1330 to 1600 hours
<b>Project NTP(s):</b>	Notice to Proceed (NTP)-1, NTP-2		

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

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

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

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

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

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

I arrived onsite at 1330 hours and notified both Pete Lubich and Lead Environmental Biologist Matt Daniele. Biological Monitor Wayne Woodroof accompanied me on my site visit.

Before entering the site, I photographed the mud tracked out onto Market Place Drive (Photo 1). The brown spots in the photo are bits of mud tracked out onto the road and compacted down by the traffic. I doubted a street sweeper would be able to clean it up. Upon entering the site, I meet with Mr. Lubich and we discussed the trackout and the need to upgrade the exit and entry BMPs. The pile of larger rocks to be used to upgrade the BMP remained at the bottom of the exit and entry ramp (Photo 2). I again proposed the option of relocating the BMPs to the bottom of the slope so remove the safety issue.

Earthwork continued in the area west of the new Mesa Operations Building (Photo 3).

Equipment was working on the piles of concrete and asphalt, with a water truck keeping down the dust (Photo 4).

Work continued on building the southern boundary wall (Photo 5), with the installation of a green artificial ivy mat on the south facing side.

Artificial ivy was being applied to the south facing side of the southern boundary wall (Photo 6). Trenching continued around the transformer catch basin (Photo 7). A climbing structure remained in the trench but the boards were too steep to allow an animal to exit the trench. Mr. Woodroof and I discussed the issue and he pointed out that there was an earthen ramp near the catch basin. He said the crew would install a longer board as a climbing ramp.

The water level continued to drop in the retention basin with one of the levies now above water (Photo 8). The dewatering and filtering continued with the crew estimating completion in a couple of weeks (Photo 9). According to the SWPPP inspector, the Nephelometric Turbidity Unit (NTU) levels were remaining around 200 and were able to pump 400 to 500 gallons per minute.

A large system of conveyor belts was delivered and would help transfer crushed debris into trucks to be transported offsite (Photo 10).

A large amount of demolition was being completed within the Phase 3 grading area (Photos 12 and 13). The house finch (*Haemorhous mexicanus*) nest in one of the buildings had fledged and the building was demolished (Photo 14).

Some additional asbestos-covered piping was uncovered and was sectioned off in preparation for removal (Photo 15).

**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 birds.

**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
6/17/20	Mesa Substation		Photo 1 – Mud tracked out onto Market Place Drive. Photo facing south.
6/17/20	Mesa Substation		Photo 2 – Exit and entry BMP requiring upgrades. Photo facing north.
6/17/20	Mesa Substation		Photo 3 – Earthwork inside the eastern boundary of the site. Photo facing west.

**REPRESENTATIVE SITE PHOTOGRAPHS**

Date	Location	Photo	Description
6/17/20	Mesa Substation		Photo 4 – Demolition and crushing of the concrete and asphalt from Phase 3 grading. Photo facing north.
6/17/20	Mesa Substation		Photo 5 – Brick installation on the southern boundary wall. Photo facing west.
6/17/20	Mesa Substation		Photo 6 – Artificial ivy being applied to the south facing side of the southern boundary wall. Photo facing west.

**REPRESENTATIVE SITE PHOTOGRAPHS**

Date	Location	Photo	Description
6/17/20	Mesa Substation		Photo 7 – Waterproofing the catch basin walls and backfilling. Photo facing east.
6/17/20	Mesa Substation		Photo 8 – Trench work west of the transformer catch basin. Photo facing west .
6/17/20	Mesa Substation		Photo 9 – Water levels continued to drop in the retention basin. Photo facing northeast.

**REPRESENTATIVE SITE PHOTOGRAPHS**

Date	Location	Photo	Description
6/17/20	Mesa Substation	 <p>A photograph showing water filtering equipment at the Mesa Substation. In the foreground, there is a large grey cylindrical tank and various pipes and hoses on a dirt area. In the background, a black metal fence separates the site from a white building with 'ABLE STORAGE' signage. The sky is blue with some clouds.</p>	Photo 10 – Water filtering equipment. Photo facing west.
6/17/20	Mesa Substation	 <p>A photograph of a green flatbed trailer loaded with conveyor belt equipment at the Mesa Substation. The equipment includes a large metal structure with a red cylindrical component. The trailer is parked on a dirt area with power lines and towers visible in the background under a blue sky.</p>	Photo 11 – Conveyor belt equipment onsite. Photo facing east.
6/17/20	Mesa Substation	 <p>A wide-angle photograph showing the removal of existing foundations and conduit at the Mesa Substation. The ground is mostly dirt and sand, with some concrete slabs and rebar visible. In the background, there are power lines, towers, and a building under a clear blue sky.</p>	Photo 12 - Removal of the existing foundations and conduit. Photo facing north.

**REPRESENTATIVE SITE PHOTOGRAPHS**

Date	Location	Photo	Description
6/17/20	Mesa Substation		Photo 13 – Demolition of the last remaining building within the Phase 3 grading area. Photo facing north.
6/17/20	Mesa Substation		Photo 14 – Foundation demolition. Photo facing south.
6/17/20	Mesa Substation		Photo 15 – Hazardous materials removal. Photo facing east.

<b>Completed by:</b>	Vince Semonsen
<b>Firm:</b>	Ecotech Resources, Inc.
<b>Date:</b>	6/22/20

<b>Reviewed by:</b>	Jeff Root
<b>Firm:</b>	Ecotech Resources, Inc.
<b>Date:</b>	6/23/20



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

<b>Project:</b>	Mesa 500-kV Substation Project	<b>Date:</b>	June 24, 2020
<b>Project Proponent:</b>	Southern California Edison (SCE)	<b>Report #:</b>	VS125
<b>Lead Agency:</b>	California Public Utilities Commission (CPUC)	<b>Monitor(s):</b>	Vince Semonsen
<b>CPUC PM:</b>	Connie Chen, Energy Division	<b>AM/PM Weather:</b>	Warm with hazy sunshine and a breeze
<b>WSP CM:</b>	Silvia Yanez	<b>Start/End time:</b>	1430 to 1630 hours
<b>Project NTP(s):</b>	Notice to Proceed (NTP)-1, NTP-2		

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

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

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

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

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

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

I arrived onsite at 1230 hours and waited almost a half hour for someone to accompany me onsite.

A street sweeper was working the areas in front of the construction trailers and within Market Place Drive. Upon entering the site, I noted that the BMP rock was finally spread out on the lower portion of the entry and exit (Photo 1).

Earthwork continued in the area west of the new Mesa Operations Building (Photo 2). Grading levels would be brought to level with the Operations Building. The soil was being delivered from the large hill south of the location (Photo 3).

The pile of demolished concrete and asphalt continued to grow (Photo 4). According to my escort, the offsite transport was on hold due to the discovery of contaminated materials in the piles. An existing tower foundation was being excavated near the debris piles, but the work was put on hold (Photo 5).

Avian Biologist Wayne Woodroof was onsite and discussed the nesting birds. The coastal California gnatcatchers (*Poliioptila californica*) built another nest within the western edge of the Environmentally Sensitive Area (ESA). Mr. Woodroof set up a 300-foot buffer delineated with metal "T" posts and rope (Photo 6).

Backfilling (Photo 7), trenching, and drainpipe installation (Photo 8) continued around the transformer catch basin.

The water level in the retention basin was getting low, with the water from behind the levy now pumped out (Photo 9). The dewatering and filtering continued (Photo 10), with the SWPPP inspector stating that the Nephelometric Turbidity Unit (NTU) levels were acceptable with the pump operating at 400 gallons per minute (Photo 11).

We drove through the Phase 3 grading area where installation of grounding wire was underway (Photo 12). The forms were being built and rebar was being added for some of the foundations (Photo 13). Other activities included the continued installation of the stormwater drainage pipe system (Photo 14) and the ongoing soil work (Photo 15).

I checked the secondary containment of some of the parked earth-moving equipment and found that there were adequate drip pans underneath the engine compartments (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 birds.

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

Improvement of the entry and exit BMPs is needed for the eastern entrance.

**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
6/24/20	Mesa Substation		Photo 1 – BMP rock was spread out on the exit and entry roadway. Photo facing east.
6/24/20	Mesa Substation		Photo 2 – Earthwork near the Mesa Operations Building. Photo facing north.
6/24/20	Mesa Substation		Photo 3 – Soil was being delivered from the earthen hill south of the Phase 3 grading area. Photo facing south.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
6/24/20	Mesa Substation		Photo 4 – Demolition and crushing of the concrete and asphalt from the Phase 3 grading. Photo facing north.
6/24/20	Mesa Substation		Photo 5 – Removal of an existing tower foundation. Photo facing north.
6/24/20	Mesa Substation		Photo 6 – Costal California gnatcatcher buffer. Photo facing southwest.

**REPRESENTATIVE SITE PHOTOGRAPHS**

<b>Date</b>	<b>Location</b>	<b>Photo</b>	<b>Description</b>
6/24/20	Mesa Substation		Photo 7 – Waterproofing the catch basin walls and backfilling. Photo facing east.
6/24/20	Mesa Substation		Photo 8 – Trench work and pipe installation west of the transformer catch basin. Photo facing west.

**REPRESENTATIVE SITE PHOTOGRAPHS**

Date	Location	Photo	Description
6/24/20	Mesa Substation		Photo 9 – Water levels in the retention basin. Photo facing northeast.
6/24/20	Mesa Substation		Photo 10 – Water filtering equipment. Photo facing west.
6/24/20	Mesa Substation		Photo 11 – Flow meter on the dewatering equipment.

**REPRESENTATIVE SITE PHOTOGRAPHS**

Date	Location	Photo	Description
6/24/20	Mesa Substation		Photo 12 – Installation of grounding wire. Photo facing south.
6/24/20	Mesa Substation		Photo 13 – Forming and rebar installation for new foundations. Photo facing west.
6/24/20	Mesa Substation		Photo 14 – Storm drain installation. Photo facing north.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
6/24/20	Mesa Substation		Photo 15 – Earthwork near the Mechanical Electrical Equipment Room building. Photo facing west.
6/24/20	Mesa Substation		Photo 16 – Secondary containment.

<b>Completed by:</b>	Vince Semonsen
<b>Firm:</b>	Ecotech Resources, Inc.
<b>Date:</b>	6/29/20

<b>Reviewed by:</b>	Jeff Root
<b>Firm:</b>	Ecotech Resources, Inc.
<b>Date:</b>	6/29/20