

July 13, 2020

Andrew Barnsdale
Project Manager
California Public Utilities Commission
505 Van Ness Avenue
San Francisco, CA 94102

Re: Monthly Report Summary #31 for the South Orange County Reliability Enhancement (SOCRE) Project

Dear Mr. Barnsdale:

This report provides a summary of the compliance monitoring activities that occurred during the period from **May 1 to 31, 2020**, for the South Orange County Reliability Enhancement (SOCRE) Project in Orange County, California. Compliance monitoring was performed four times between May 1 and 31, 2020, to ensure all project-related activities conducted by San Diego Gas and Electric (SDG&E) and its contractors were in compliance with the Final Environmental Impact Report (Final EIR) for the SOCRE Project, as adopted by the California Public Utilities Commission (CPUC) on December 15, 2016.

The CPUC has issued the following Notices to Proceed (NTPs) for the SOCRE Project to SDG&E:

- NTP-1 (October 13, 2017): Geotechnical investigation and hazardous materials abatement at the future San Juan Capistrano Substation.
- NTP-2 (December 18, 2017): Conduct site preparation activities and construction staging at the future San Juan Capistrano Substation.
- NTP-2 Addendum 1 (March 23, 2018): Modified alignment of the interior fence separating the upper and lower yards, removal of three de-energized 138-kilovolt (kV) rack structures and associated hazardous materials abatement activities.
- NTP-3 (April 27, 2018): Rebuild and upgrade of the San Juan Capistrano Substation.
- NTP-4 (October 29, 2018): Transmission and distribution line work.
- NTP-5 (July 26, 2019): Installation of the 138-kV and 230-kV eastern getaways and removal and installation of 12-kV distribution lines.
- NTP-6 (October 30, 2019): Removal and replacement of the existing 138-kV transmission line with a new double-circuit 230-kV transmission line from Rancho Viejo Road southeast to pole 41.

The Ecology and Environment, Inc., member of WSP (hereafter referred to as E & E), compliance monitoring team completed onsite compliance checks during this reporting period to verify compliance of ongoing site preparation and construction activities. The CPUC/E & E compliance monitoring team visited the San Juan Capistrano Substation site and other project construction areas on May 6, 15, 20, and 27, 2020. E & E site inspection reports that summarize observed construction activities and compliance events, as applicable, and verify mitigation measures (MMs) and applicant proposed measures (APMs) were completed for the site visits. These reports are attached below (Attachment 1).

Project activities in May 2020 were covered under NTP-3, NTP-4, NTP-5, and NTP-6. Construction activities during May 2020 took place within and in the vicinity of the San Juan Capistrano Substation site, along the transmission line corridor, and other locations in the project area, and included continuation of substation site preparation activities; installing 138-kV gas insulated substation (GIS) equipment; stabilizing the north slope; performing former utility structure repairs; trenching, installing, and

backfilling the 12-kV alignment; surveying and staking; removing wires and structures; installing best management practices (BMPs); grading pads; excavating and installing 230-kV underground lines; and excavating jack and bore receiving pits. In addition, SDG&E conducted routine inspection, maintenance, and monitoring activities between May 1 and 31, 2020. Inspection activities included weekly inspections of the San Juan Capistrano Substation boundary for cleanliness, as well as Storm Water Pollution Prevention Plan (SWPPP) inspections at all construction activity areas to ensure there were no best BMP deficiencies or potential non-compliance incidents. No deficiencies in SWPPP BMPs were observed or documented during May 2020. SDG&E conducted monitoring, as applicable, for cultural, paleontological, and biological resources, as well as for Native American concerns.

Project compliance during the May 2020 monitoring period was achieved through regular communication with and reporting by SDG&E. Communication between the CPUC/E & E compliance team and SDG&E has been regular and effective. SDG&E's monthly environmental compliance report for May 2020 provides a compliance summary and includes a description of construction activities, a look-ahead construction schedule, a monthly biological monitoring report, a summary of compliance with project commitments (MMs/APMs), a summary of non-compliance incidents and public complaints (as applicable), a record of SOCRE Project personnel that received safety and environmental awareness training during the reporting month, and a list of upcoming or pending Minor Project Refinements (MPRs) and outstanding agency deliverables.

Overall, the SOCRE Project has maintained compliance with the Mitigation Monitoring, Compliance, and Reporting Program (MMCRP) based on adherence to applicable MMs and APMs and satisfaction of pre-construction requirements and conditions of approval for NTP-1, NTP-2, NTP-2 Addendum 1, NTP-3, NTP-4, NTP-5, NTP-6, MPR-1, MPR-1 Addendum 1, MPR-3, MPR-4, MPR-5, MPR-6, and MPR-7.

Compliance Incidents

A non-compliance incident occurred on May 4, 2020, on Camino Capistrano and Calle Bonita. An SDG&E subcontractor was operating a generator in the back of a utility truck resulting in the muffler burning a hole in plywood on the vehicle. Immediate action was taken to extinguish the wood with water and a fire extinguisher. The CPUC/E & E compliance monitoring team classified the incident as a Minor Compliance Incident because it only slightly deviated from project requirements and did not impact, or have the potential to impact, environmental resources.

Public Concerns

No public complaints were received during May 2020.

Minor Approvals

One minor approval occurred during May 2020. MPR-7 was approved on May 12, 2020. MPR-7 is intended for a temporary work area adjacent to the access road west of transmission standard pole #13 (tower location 13) and east of existing structure Z198320 in the City of San Juan Capistrano, and will be used as a turn-around area for construction equipment.

Sincerely,



Joseph Donaldson
CPUC Compliance Manager, Ecology and Environment, Inc.

cc: Richard Quasarano, Environmental Project Manager, SDG&E

ATTACHMENT 1

CPUC Site Inspection Reports

May 6, 15, 20, and 27, 2020



South Orange County Reliability Enhancement Project CPUC Site Inspection Form

Project:	South Orange County Reliability Enhancement (SOCRE) Project	Date:	May 6, 2020
Project Proponent:	San Diego Gas & Electric (SDG&E)	Report #:	VS078
Lead Agency:	California Public Utilities Commission (CPUC)	Monitor(s):	CPUC/Ecology and Environment, Inc., member of WSP (E & E) Compliance Monitor (CM)
CPUC PM:	Andrew Barnsdale, Energy Division	AM/PM Weather:	Mostly clear with a slight breeze
CPUC CM (E & E):	Joe Donaldson	Start/End time:	0930 to 1415
Project NTP(s):	Notice to Proceed (NTP)-3, NTP-4, NTP-5, and NTP-6		

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)

Safety and Environmental Awareness Program (SEAP)	Yes	No	N/A
Is the SEAP 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?	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 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 (coastal California gnatcatcher, least Bell's vireo, southwestern will flycatcher, rare plants) 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		
Have 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	
Were any threatened or endangered species observed? If yes, describe below.		X	
If there are wetlands or water bodies near construction activities, are adequate measures in place to avoid impacts on 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 onsite properly managed?	X		
Are procedures in place to prevent spills and accidental releases?	X		
Are required fire prevention and control measures in place?	X		
Are contaminated soils properly managed for onsite storage or offsite disposal?	X		
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)

San Juan Capistrano Substation and areas along the transmission line route.

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

I arrived onsite at the San Juan Capistrano Substation at 0930. I observed preparation of the jack and bore work within the area east of the railroad tracks along Camino Capistrano. This area was fenced off and construction materials delivered (Photo 1). No additional work was observed at the jack and bore area west of the tracks (Photo 2).

Trenching work continued within Camino Capistrano (Photo 3). Trench work was being performed within Calle Bonita and a portion of the new sidewalk was poured at the intersection of Camino Capistrano and Calle Bonita (Photo 4). Traffic control was in place and the work crews were adhering to the approved work hours.

Within the substation, a crew continued to work on the transformer unit installation (Photo 5). The Environmental Inspector (EI) stated the third transformer would be moved from the existing substation to the San Juan Capistrano Substation.

At the 138-kilovolt (kV) gas-insulated substation (GIS) building, crews were installing lights and cameras around the building (Photo 6). Installation work continued within the building (Photo 7) and extensive wiring work was underway (Photo 8).

At the east end of Serra Park, near Interstate 5, wire stringing had commenced (Photo 9). Additional nets will need to be pulled across the interstate before additional wire pulling is conducted (Photo 10). The Serra Park laydown area was cleared, including removal of the fences (Photo 11).

I met with the Lead Environmental Inspector (LEI) at tower location 5 and discussed additional earthwork needed to prepare the site for drilling work. The access road was graded and a small section of soil will be removed (Photo 12). This portion of soil is within the approved work area and removal will allow for safer access by heavy equipment.

The LEI and I traveled to tower location 6; the new tower foundation was drilled and poured (Photo 13). A line crew was onsite performing wirework.

At tower location 7, the new tower foundation was drilled and poured, and a crew was offloading excess soil from the drilling operation (Photo 14). The tower location is within a housing development with access through a private driveway. To protect the brick portion of the driveway, metal plates were laid down (Photo 15). The soil removal created dust in the area, and I expressed concern to the LEI that they will need to manage the dust.

At tower location 8, a distribution pole had been removed and a crane remained onsite (Photo 16). The tower foundation work remains incomplete.

The drilling operation was underway at tower location 9 (Photo 17). According to the drillers, they have only drilled about 20 feet deep; an additional segment of culvert was being delivered to be installed in the hole. When drilling operations were paused, the hole was covered and fencing installed (Photo 18). During the drilling operation, water was encountered, but no baker tanks were onsite. All equipment was within the approved work limits and no nesting birds were observed in the area. BMPs were in place and the equipment had adequate secondary containment.

At tower location 10, some equipment was parked onsite, including baker tanks and pumps (Photo 19). The site was dusty due to the drilling activity. The LEI suggested delivering gravel road base to minimize dust.

At tower location 11 the area had been leveled and the existing tower had been removed (Photo 20). BMPs were in place and the drilling rig remained onsite.

At Stallion Ridge Road, the trenching and conduit installation continued while an EI was onsite (Photo 21).

My final stop was at tower location 31, where a line crew was removing the existing distribution poles. A least Bell's vireo (*Vireo bellii pusillus*) nest had been found nearby by the avian biologist.

MITIGATION MEASURES VERIFIED (Refer to the Mitigation Monitoring, Compliance, and Reporting Program [MMCRP], e.g., MM BIO-5. Report only on MMs pertinent to your observations today)

All project personnel have completed the environmental training and displayed the associated hardhat stickers (MM HAZ-3, MM CUL-1).

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

Review the nest buffers.

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

Larger and/or additional drip pans are needed for larger equipment.


COMPLIANCE SUMMARY

Check all applicable boxes below to indicate new conditions or issues that have occurred since your last visit. Note this information on the monitoring datasheet and document with photographs.

- New biological or cultural discovery requiring compliance with MMs, permit conditions, etc.
- Potential compliance incident(s) observed. Document incident(s) and potential for environmental resources to be impacted.
- New non-compliance issues reported by SDG&E monitors since your last visit. Describe issues and resolution under "compliance suggestions or additional observations" (above) and include SDG&E report identification number.




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

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
05/06/20	Long Park west of the San Juan Capistrano Substation		Photo 1 – The jack and bore site near the railroad tracks was fenced off. Photo facing north.

REPRESENTATIVE SITE PHOTOGRAPHS


Date	Location	Photo	Description
05/06/20	West of the railroad and Long Park, west of the San Juan Capistrano Substation		Photo 2 – The jack and bore area west of the railroad tracks. Photo facing west.
05/06/20	Camino Capistrano, adjacent to the San Juan Capistrano Substation		Photo 3 – Trenching and conduit installation continued within Camino Capistrano. Photo facing south.



REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
05/06/20	Immediately southwest of the San Juan Capistrano Substation		Photo 4 – Trench work was underway while a new sidewalk was being installed. Photo facing south.
05/06/20	San Juan Capistrano Substation		Photo 5 – Transformer unit installation. Photo facing northwest.
05/06/20	San Juan Capistrano Substation		Photo 6 – Installation of lights and cameras on the 138-kV GIS building. Photo facing north.

REPRESENTATIVE SITE PHOTOGRAPHS




Date	Location	Photo	Description
05/06/20	San Juan Capistrano Substation	 A photograph of a large industrial facility, likely a GIS building, showing complex machinery, pipes, and a Shuttlelift crane. The crane is a white and grey mobile lift with "SHUTTLELIFT" and "79395" printed on its side. The machinery is large and cylindrical, with various pipes and electrical components. The scene is lit by overhead industrial lights.	Photo 7 – Work continued within the 138-kV GIS building.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
05/06/20	San Juan Capistrano Substation		Photo 8 – Wiring inside of the 138-kV GIS building.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
05/06/20	SOCRE transmission corridor		Photo 9 – Wire stringing to the tubular steel pole west of Interstate 5. Photo facing north.
05/06/20	SOCRE transmission corridor		Photo 10 – Netting installed over Interstate 5. Photo facing east.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
05/06/20	Serra Park, east of the San Juan Capistrano Substation		Photo 11 – The Serra Park laydown yard. Photo facing west.
05/06/20	SOCRE transmission corridor		Photo 12 – The access road to tower location 5. Photo facing south.
05/06/20	SOCRE transmission corridor		Photo 13 – The new foundation at tower location 6. Photo facing south.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
05/06/20	SOCRE transmission corridor	 A yellow tracked bulldozer is positioned on a dirt path, facing away from the camera. The bulldozer is working on a dirt path that runs alongside a tall metal transmission tower. In the background, several workers wearing high-visibility safety vests and hard hats are visible. The area is surrounded by trees and vegetation, and the sky is clear and blue.	Photo 14 – Final soil work at tower location 7. Photo facing east.

REPRESENTATIVE SITE PHOTOGRAPHS


Date	Location	Photo	Description
05/06/20	SOCRE transmission corridor	 A photograph showing a paved access road leading through a residential area. The road is flanked by dirt and gravel. On the left, there is a small white building with a red roof and a basketball hoop. On the right, a white SUV is parked. Orange traffic cones are visible on the dirt areas. The background shows trees and a clear blue sky.	Photo 15 – Plated access road to tower location 7. Photo facing west.
05/06/20	SOCRE transmission corridor	 A photograph of a construction site in a grassy area. A large metal lattice tower stands on the left. In the center, a yellow crane or lift is parked on a patch of dirt, surrounded by orange safety fencing. A utility pole is visible to the right. The background features trees and a clear blue sky.	Photo 16 – Equipment parked at tower location 8. Photo facing south.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
05/06/20	SOCRE transmission corridor		Photo 17 – Drilling work at tower location 9. Photo facing southeast.
05/06/20	SOCRE transmission corridor		Photo 18 – Covered foundation hole at tower location 9.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
05/06/20	SOCRE transmission corridor		Photo 19 – Equipment remaining at tower location 10. Photo facing west.
05/06/20	SOCRE transmission corridor		Photo 20 – Prepared work area at tower location 11 with a parked drilling rig and removed existing tower structure. Photo facing north.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
05/06/20	SOCRE transmission corridor		Photo 21 – Conduit installation within Stallion Ridge Road. Photo facing east.

Completed by:	CPUC/E & E Compliance Monitor
Date:	05/12/20

Reviewed by:	Manager
Date:	05/12/20



South Orange County Reliability Enhancement Project CPUC Site Inspection Form

Project:	South Orange County Reliability Enhancement (SOCRE) Project	Date:	May 15, 2020
Project Proponent:	San Diego Gas & Electric (SDG&E)	Report #:	VS079
Lead Agency:	California Public Utilities Commission (CPUC)	Monitor(s):	CPUC/Ecology and Environment, Inc., member of WSP (E & E) Compliance Monitor (CM)
CPUC PM:	Andrew Barnsdale, Energy Division	AM/PM Weather:	Partly cloudy with a slight breeze
CPUC CM (E & E):	Joe Donaldson	Start/End time:	0845 to 1300
Project NTP(s):	Notice to Proceed (NTP)-3, NTP-4, NTP-5, and NTP-6		

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)

Safety and Environmental Awareness Program (SEAP)	Yes	No	N/A
Is the SEAP 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?	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 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 (coastal California gnatcatcher, least Bell's vireo, southwestern will flycatcher, rare plants) 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		
Have 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	
Were any threatened or endangered species observed? If yes, describe below.		X	
If there are wetlands or water bodies near construction activities, are adequate measures in place to avoid impacts on 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 onsite properly managed?	X		
Are procedures in place to prevent spills and accidental releases?	X		
Are required fire prevention and control measures in place?	X		
Are contaminated soils properly managed for onsite storage or offsite disposal?	X		
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)

San Juan Capistrano Substation and areas along the transmission line route.

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

I arrived onsite at the telecommunications corridor on Interstate 5 at 0845. Netting remained over the interstate with additional wire awaiting installation (Photo 1).

At tower location 5, a line crew was transferring wire onto travelers (Photo 2).

I met with the Lead Environmental Inspector (LEI) at tower location 8 where the drilling crew was setting up fencing and baker tanks (Photo 3). Drilling work began at tower location 8 after work was completed at tower location 9. Two additional baker tanks were delivered from tower location 10.

At tower location 9, the foundation drilling had been completed (Photo 4). The remaining drilling solution was pumped into a water truck where it was transferred to baker trucks at tower location 10. After the fluid was removed, the remaining 9 feet were slurried to stabilize the culvert. The concrete washout basin was in good condition (Photo 5); however the secondary containment under the large crane was insufficient (Photo 6). The LEI and I discussed the drip pan issue, which will be communicated to the contractor.

I inspected tower location 10 where the water truck was unloading into the baker tanks (Photo 7). Some equipment remained and was transferred to tower location 8. The area was dusty and permanent dust control measures need to be implemented.

The tailings from tower foundation drilling at tower locations 9 and 10 were transported to the staging area near tower location 12 (Photo 8). The nest buffer boundary near the tower location 12 access road had additional signage and new lath and flagging to give notice to the crews (Photo 9). The tower foundation for location 12 had been drilled and poured (Photo 10).

Grading has been completed along the access road to tower location 13 to expand an equipment turn-around point (Photo 11).

My final stop along the transmission corridor was at tower location 29. The foundation had been drilled and the rebar cage installed; the crew was waiting for concrete trucks to pour the foundation (Photo 12). An avian biologist was monitoring the work due to a nearby red-tailed hawk (*Buteo jamaicensis*) nest where the chicks appeared to be close to fledging. A pair of Cassin's kingbirds (*Tyrannus vociferans*) was nesting in an adjacent lattice tower and did not appear to be disturbed by the construction effort. The environmental coordinator for the contractor was onsite and watering the access road ahead of the concrete trucks for dust control.

Drilling had been completed at tower location 33. The paleontology monitor was onsite spot-checking the project excavations.

At the San Juan Capistrano Substation, the excavation of the bore pit began with laying down rumble plates at the work entrance (Photo 13). The excavated soil was transported offsite. The bore pit was almost at the necessary depth; the crew was waiting for additional shoring before completing the drilling (Photo 14).

Within the substation, crews delivered road base to be spread around the access roads (Photo 15). A crew continued to assemble and test the new transformers (Photo 16) and work in and around the 138-kilovolt (kV) gas-insulated substation (GIS) building continued (Photo 17).

The northern slope was being prepared for stabilization (Photo 18). Trenching work had been backfilled within Camino Capistrano in front of the northern project entrance (Photo 19).

MITIGATION MEASURES VERIFIED (Refer to the Mitigation Monitoring, Compliance, and Reporting Program [MMCRP], e.g., MM BIO-5. Report only on MMs pertinent to your observations today)

All project personnel have completed the environmental training and displayed the associated hardhat stickers (MM HAZ-3, MM CUL-1).

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

Review the nest buffers.

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

Larger and/or additional drip pans are needed for some of the larger equipment.


COMPLIANCE SUMMARY

Check all applicable boxes below to indicate new conditions or issues that have occurred since your last visit. Note this information on the monitoring datasheet and document with photographs.



- New biological or cultural discovery requiring compliance with MMs, permit conditions, etc.
- Potential compliance incident(s) observed. Document incident(s) and potential for environmental resources to be impacted.
- New non-compliance issues reported by SDG&E monitors since your last visit. Describe issues and resolution under “compliance suggestions or additional observations” (above) and include SDG&E report identification number.

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


REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
05/15/20	SOCRE transmission corridor		Photo 1 – Netting strung across Interstate 5. Photo facing northwest.




REPRESENTATIVE SITE PHOTOGRAPHS




Date	Location	Photo	Description
05/15/20	SOCRE transmission corridor	 A tall, lattice-structured metal transmission tower stands on a dirt clearing. A white bucket truck is positioned to the left, with its boom extended towards the tower. A worker in a high-visibility vest is visible near the truck. The background shows a residential area with houses and trees under a blue sky with scattered clouds.	Photo 2 – A line crew working at tower location 5. Photo facing south.
05/15/20	SOCRE transmission corridor	 A grassy field is filled with construction equipment and materials. In the foreground, a large pipe lies on the grass. A blue truck is parked on the left, and a yellow truck is in the middle. A red container is visible in the background. The scene is surrounded by trees and a residential building.	Photo 3 – Equipment with materials being delivered and installed at tower location 8. Photo facing south.

REPRESENTATIVE SITE PHOTOGRAPHS



Date	Location	Photo	Description
05/15/20	SOCRE transmission corridor		Photo 4 – A foundation hole at tower location 9. Photo facing northwest.
05/15/20	SOCRE transmission corridor		Photo 5 – Concrete washout setup at tower location 9. Photo facing west.
05/15/20	SOCRE transmission corridor		Photo 6 – Inadequate drip pan under a large crane at tower location 9.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
05/15/20	SOCRE transmission corridor		Photo 7 – Equipment remaining at tower location 10. Photo facing north.
05/15/20	SOCRE transmission corridor		Photo 8 – Soil stockpile area near tower location 12. Photo facing north.
05/15/20	SOCRE transmission corridor		Photo 9 – Nest buffer boundary along the access road to tower location 12. Photo facing north.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
05/15/20	SOCRE transmission corridor		Photo 10 – Tower location 12 with newly poured foundation. Photo facing north.
05/15/20	SOCRE transmission corridor		Photo 11 – Small graded area along the access road to tower location 13. Photo facing northwest.
05/15/20	SOCRE transmission corridor		Photo 12 – The recently drilled foundation at tower location 29, with crews waiting for concrete trucks to arrive. Photo facing south.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
05/15/20	Long Park, west of the San Juan Capistrano Substation	 A photograph showing a dirt area with several long, parallel metal rumble plates laid out on the ground. In the background, there is a blue tarp, a blue recycling bin, and a concrete trash can. A fence and some buildings are visible in the distance.	Photo 13 – Rumble plates installed at the entrance to the jack and bore site at Long Park. Photo facing south.
05/15/20	Long Park, west of the San Juan Capistrano Substation	 A photograph of a deep, rectangular bore pit. The pit is lined with yellow metal shoring. A yellow metal beam is positioned across the top of the pit. The ground around the pit is dirt and sand.	Photo 14 – The bore pit at the jack and bore site. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
05/15/20	San Juan Capistrano Substation		Photo 15 – Road base delivered to the site. Photo facing north.
05/15/20	San Juan Capistrano Substation		Photo 16 – Crew assembling and testing new transformers. Photo facing south.
05/15/20	San Juan Capistrano Substation		Photo 17 – The 138-kV GIS building. Photo facing northwest.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
05/15/20	San Juan Capistrano Substation		Photo 18 – Preparation work on the northern slope. Photo facing west.
05/15/20	San Juan Capistrano Substation		Photo 19 – Trench work within Camino Capistrano. Photo facing southwest.

Completed by:	CPUC/E & E Compliance Monitor
Date:	05/19/20

Reviewed by:	Manager
Date:	05/20/20



South Orange County Reliability Enhancement Project CPUC Site Inspection Form

Project:	South Orange County Reliability Enhancement (SOCRE) Project	Date:	May 20, 2020
Project Proponent:	San Diego Gas & Electric (SDG&E)	Report #:	VS080
Lead Agency:	California Public Utilities Commission (CPUC)	Monitor(s):	CPUC/Ecology and Environment, Inc., member of WSP (E & E) Compliance Monitor (CM)
CPUC PM:	Andrew Barnsdale, Energy Division	AM/PM Weather:	Clear and cool, with a slight breeze
CPUC CM (E & E):	Joe Donaldson	Start/End time:	0900 to 1200
Project NTP(s):	Notice to Proceed (NTP)-3, NTP-4, NTP-5, and NTP-6		

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)

Safety and Environmental Awareness Program (SEAP)	Yes	No	N/A
Is the SEAP 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?	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 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 (coastal California gnatcatcher, least Bell's vireo, southwestern will flycatcher, rare plants) 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		
Have 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	
Were any threatened or endangered species observed? If yes, describe below.		X	
If there are wetlands or water bodies near construction activities, are adequate measures in place to avoid impacts on 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 onsite properly managed?	X		
Are procedures in place to prevent spills and accidental releases?	X		
Are required fire prevention and control measures in place?	X		
Are contaminated soils properly managed for onsite storage or offsite disposal?	X		
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)

San Juan Capistrano Substation and areas along the transmission line route.

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

I arrived at the San Juan Capistrano Substation at 0900. Work continued setting up the jack and bore operation (Photo 1) in Long Park west of the substation. Traffic control was in place and trucks were lined up along Camino Capistrano to transport the excavated soil. No work was occurring in the work area west of the railroad tracks.

Within the substation, the road base continued to be placed in the area west of the 138-kilovolt (kV) gas-insulated substation (GIS) building (Photo 2). Work continued within the building; the equipment was in the process of being pressurized (Photo 3). One crew was working on the boundary walls (Photo 4) and another was removing fencing and vegetation in the northeast corner of the substation (Photo 5). A new fence was to be installed, with completion expected before the upcoming three-day weekend.

I traveled to the transmission corridor with an Environmental Inspector (EI). Wire pulling was occurring from tower location 4 to tower location 8. We stopped at tower location 6 where a line truck was assisting and monitoring the wire pulling (Photo 6). Traffic control crews were in place between tower locations 6 and 8 where the wires crossed public roads. Wire was being reeled in at tower location 8 (Photo 7).

Crews continued to demobilize the equipment at tower location 9 (Photo 8), with most of the construction moved to tower location 8. The large crane remained at tower location 9 with adequate drip pans beneath it. The EI said work would begin quickly to repair the asphalt bike path at tower location 9 so that it could be opened to the public.

At Stallion Ridge Road, a crew continued to trench and install conduit within the roadway (Photo 9). They began repaving some of the trench work. The EI said boring work was being performed at tower location 15, which required a full-time avian monitor and spot-checking by a paleontology monitor.

I drove to tower locations 36 and 37 to observe the grading work. No crews were onsite in the area, but required signage and buffer barriers were in place (Photo 10).

MITIGATION MEASURES VERIFIED (Refer to the Mitigation Monitoring, Compliance, and Reporting Program [MMCRP], e.g., MM BIO-5. Report only on MMs pertinent to your observations today)

All project personnel have completed the environmental training and displayed the associated hardhat stickers (MM HAZ-3, MM CUL-1).

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

Review the nest buffers.

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

COMPLIANCE SUMMARY

Check all applicable boxes below to indicate new conditions or issues that have occurred since your last visit. Note this information on the monitoring datasheet and document with photographs.

New biological or cultural discovery requiring compliance with MMs, permit conditions, etc.



Potential compliance incident(s) observed. Document incident(s) and potential for environmental resources to be impacted.

New non-compliance issues reported by SDG&E monitors since your last visit. Describe issues and resolution under “compliance suggestions or additional observations” (above) and include SDG&E report identification number.




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

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
05/20/20	Long Park, west of the San Juan Capistrano Substation		Photo 1 – The jack and bore hole excavation on the east side of the railroad tracks. Photo facing south.



REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
05/20/20	San Juan Capistrano Substation	 A wide-angle photograph of an outdoor construction site at a substation. The foreground is dominated by a large area of grey gravel. In the middle ground, there's a dirt and gravel area with some construction equipment, including a yellow excavator and a green tractor. In the background, several large, dark-colored transformers are visible, along with utility poles and power lines under a clear blue sky. The site appears to be in the process of road base installation.	Photo 2 – Road base installation around the transformers. Photo facing north.
05/20/20	San Juan Capistrano Substation	 An interior photograph of a large industrial building, identified as the 138-kV GIS building. The room is filled with massive, cylindrical gas-insulated switchgear (GIS) units. These units are light-colored with various ports, valves, and electrical connections. A blue scissor lift is positioned in the foreground on the left, and a green step ladder is leaning against one of the GIS units. The floor is concrete, and the ceiling has industrial lighting fixtures.	Photo 3 – Inside the southeast corner of the 138-kV GIS building.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
05/20/20	San Juan Capistrano Substation		Photo 4 – Work on the northern boundary wall. Photo facing west.
05/20/20	San Juan Capistrano Substation		Photo 5 – Removal of fencing in the northeast corner of the substation. Photo facing east.
05/20/20	SOCRE transmission corridor		Photo 6 – Line crew setting up near tower location 6. Photo facing northwest.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
05/20/20	SOCRE transmission corridor		Photo 7 – Wire being reeled at tower location 8. Photo facing north.
05/20/20	SOCRE transmission corridor		Photo 8 – Cleanup and demobilization of the work at tower location 9. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
05/20/20	SOCRE transmission corridor		Photo 9 – Conduit installation within Stallion Ridge Road. Photo facing east.
05/20/20	SOCRE transmission corridor		Photo 10 – Tower location 36. Photo facing northwest.

Completed by:	CPUC/E & E Compliance Monitor
Date:	05/25/20

Reviewed by:	Manager
Date:	05/25/20



South Orange County Reliability Enhancement Project CPUC Site Inspection Form

Project:	South Orange County Reliability Enhancement (SOCRE) Project	Date:	May 27, 2020
Project Proponent:	San Diego Gas & Electric (SDG&E)	Report #:	VS081
Lead Agency:	California Public Utilities Commission (CPUC)	Monitor(s):	CPUC/Ecology and Environment, Inc., member of WSP (E & E) Compliance Monitor (CM)
CPUC PM:	Andrew Barnsdale, Energy Division	AM/PM Weather:	Overcast and mild, with a slight breeze
CPUC CM (E & E):	Joe Donaldson	Start/End time:	0830 to 1330
Project NTP(s):	Notice to Proceed (NTP)-3, NTP-4, NTP-5, and NTP-6		

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)

Safety and Environmental Awareness Program (SEAP)	Yes	No	N/A
Is the SEAP 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?	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 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 (coastal California gnatcatcher, least Bell's vireo, southwestern will flycatcher, rare plants) 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		
Have 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	
Were any threatened or endangered species observed? If yes, describe below.		X	
If there are wetlands or water bodies near construction activities, are adequate measures in place to avoid impacts on 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 onsite properly managed?	X		
Are procedures in place to prevent spills and accidental releases?	X		
Are required fire prevention and control measures in place?	X		
Are contaminated soils properly managed for onsite storage or offsite disposal?	X		
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)

San Juan Capistrano Substation and areas along the transmission line route.

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

I arrived at the San Juan Capistrano Substation at 0830.

Within the substation, gravel was stockpiled near the transformers (Photo 1). The onsite Environmental Inspector (EI) informed me a French drain would be installed at the base of the northern slope (Photo 2). Vegetation was being removed on the slope while preparations were being made to install a drainpipe and apply the slope stabilization material.

Excess soil was being stockpiled along the project access road near the construction trailers (Photo 3). The soil was from the fence installation and the excavation work being completed at the northeastern corner of the substation (Photo 4).

Electrical equipment was being installed on the northern boundary wall (Photo 5). Crews continued to work within the 138-kilovolt (kV) gas-insulated substation (GIS) building, primarily testing the equipment.

Excavation and shoring of the bore hole associated with the jack and bore work were completed in Long Park east of the railroad tracks and west of the substation (Photo 6). The boring equipment was onsite and crews were preparing to lower it into the hole (Photo 7). Three separate borings were completed under the railroad tracks from within the hole. According to one of the foremen, work must continue until completed, requiring about 10 to 12 hours of continuous boring. A crew had set up west of the railroad tracks and began to remove asphalt and other materials from along the trench lines that connect to the jack and bore work (Photo 8). Fencing was installed around the work area.

I met with the EI to review the transmission corridor work. At tower location 8, the drilling operation had started for the tower foundation (Photo 9). The foundation hole will be large (13 feet and 6 inches in diameter and 75 feet deep), with the tailings delivered to the staging area at tower location 12.

At tower location 9, the equipment had been removed and the area opened to the public (Photo 10). A temporary asphalt patch was laid down on the bike path; a new bike path will be constructed once the tower work is completed.

At tower location 14, the crew had completed drilling the foundation hole and all the tailings had been transported to the local landfill (Photo 11). The existing tower foundation remains in need of removal and the area regraded. No bird nests were observed in the area.

At tower location 15, the new tower foundation had been drilled and poured (Photo 12). This foundation is larger than others because the transmission line turns at this location. Work was being performed to remove the existing tower foundation. A pair of American kestrels (*Falco sparverius*) was observed near the existing tower and an avian biologist will monitor their activity to determine if they are nesting.

At Stallion Ridge Road, a crew continued to install conduit within the roadway (Photo 13).

An avian biologist was present at tower locations 18 and 19 where a crew was chipping out the existing tower foundation (Photo 14). The avian biologist was monitoring a nearby northern mockingbird (*Mimus polyglottos*) nest to observe if the construction activity was affecting their nesting activity.

We traveled to tower location 34 to observe the grading work (Photo 15). An avian biologist was onsite observing the activities of the numerous nesting birds. The red-tailed hawk (*Buteo jamaicensis*) chicks were out of the nest and close to fledging.

MITIGATION MEASURES VERIFIED (Refer to the Mitigation Monitoring, Compliance, and Reporting Program [MMCRP], e.g., MM BIO-5. Report only on MMs pertinent to your observations today)

All project personnel have completed the environmental training and displayed the associated hardhat stickers (MM HAZ-3, MM CUL-1).

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

Review the nest buffers.

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

COMPLIANCE SUMMARY

Check all applicable boxes below to indicate new conditions or issues that have occurred since your last visit. Note this information on the monitoring datasheet and document with photographs.




- New biological or cultural discovery requiring compliance with MMs, permit conditions, etc.
- Potential compliance incident(s) observed. Document incident(s) and potential for environmental resources to be impacted.
- New non-compliance issues reported by SDG&E monitors since your last visit. Describe issues and resolution under “compliance suggestions or additional observations” (above) and include SDG&E report identification number.

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



REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
05/27/20	San Juan Capistrano Substation		Photo 1 – Gravel stockpiled onsite near the transformers. Photo facing south.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
05/27/20	San Juan Capistrano Substation		Photo 2 – Preparation work on the northern slope. Photo facing east.
05/27/20	San Juan Capistrano Substation		Photo 3 – Excess soil stockpiled onsite. Photo facing east.
05/27/20	San Juan Capistrano Substation		Photo 4 – A new fence and soil compaction work south of the northern boundary of the substation. Photo facing east.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
05/27/20	San Juan Capistrano Substation		Photo 5 – Electrical work on the northern boundary wall. Photo facing northeast.
05/27/20	Long Park, west of the San Juan Capistrano Substation		Photo 6 – The jack and bore hole east of the railroad tracks. Photo facing northwest.



REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
05/27/20	Long Park, west of the San Juan Capistrano Substation		Photo 7 – Boring equipment ready to be lowered into the bore hole. Photo facing north.
05/27/20	Area west of the railroad tracks and San Juan Capistrano Substation		Photo 8 – Clearing materials over the trench lines west of the railroad tracks. Photo facing east.
05/27/20	SOCRE transmission corridor		Photo 9 – Drilling work beginning at tower location 8. Photo facing south.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
05/27/20	SOCRE transmission corridor		Photo 10 – New tower foundation at tower location 9. Photo facing southeast.
05/27/20	SOCRE transmission corridor		Photo 11 – Drilling work completed at tower location 14. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
05/27/20	SOCRE transmission corridor		Photo 12 – New tower foundation at tower location 15. Photo facing north.
05/27/20	SOCRE transmission corridor		Photo 13 - Conduit installation within Stallion Ridge Road. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
05/27/20	SOCRE transmission corridor		Photo 14 – Demolition of the existing tower foundation at tower locations 18 and 19. Photo facing south.
05/27/20	SOCRE transmission corridor		Photo 15 – Grading activity at tower location 34. Photo facing south.

Completed by:	CPUC/E & E Compliance Monitor
Date:	06/01/20

Reviewed by:	Manager
Date:	06/01/20