ecology and environment, inc.
Member of WSP

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August 26, 2020

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

Re: Monthly Report Summary #33 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 **July 1 to 31, 2020**, for the South Orange County Reliability Enhancement (SOCRE) Project in Orange County, California. Compliance monitoring was performed four times between July 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 July 2, 8, 16, and 22, 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 July 2020 were covered under NTP-3, NTP-4, and NTP-6. Construction activities during July 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; installing and backfilling conduit; installing the control shelter lighting and power; forming and placing curbing; installing security systems; hazardous materials abatement; drilling horizontal jack and bore under railroads; surveying and staking; pouring station lighting and power pads; removing wires and structures; installing best management practices (BMPs); grading pads; drilling foundations; retaining wall construction; installing storm drains; excavating and installing 230-kV underground lines; completing stabilization of the north slope; and excavating jack and bore receiving pits. In addition, SDG&E conducted routine inspection, maintenance, and monitoring activities between July 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 July 2020. SDG&E conducted monitoring, as applicable, for cultural, paleontological, and biological resources, as well as for Native American concerns.

Project compliance during the July 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 July 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

No compliance incidents were reported during July 2020.

Public Concerns

SDG&E received a complaint from a Hidden Mountain neighborhood resident on July 7, 2020, to express concern regarding the installation of transmission tower 11. The resident was concerned that the tower would be 300 feet in height with a 12-foot diameter and believed there was an agreement to move it back 50 feet. In addition, the resident also was concerned the tower was not within the SDG&E right-of-way and instead was located on a public horse trail. SDG&E contacted the resident to discuss the concerns and visited their property where several other residents were meeting. SDG&E's External Relations Manager provided his direct contact information, and, to date, no additional communications have been received on the matter. While the residents would like the tower moved back, SDG&E has noted that this would not be a feasible based on the approved Project design. Also, the tower height is the approved 140 feet and is located within the right-of-way adjacent to the utility access road. The complaint status remains open and SDG&E intends to communicate regularly with the HOA and concerned residents regarding a resolution.

Minor Approvals

No minor approvals occurred during July 2020.

Sincerely,

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

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

ATTACHMENT 1

CPUC Site Inspection Reports

July 2, 8, 16, and 22, 2020

South Orange County Reliability Enhancement Project
CPUC Site Inspection Form

Project:	South Orange County Reliability Enhancement (SOCRE) Project	**Date:**	July 2, 2020
Project Proponent:	San Diego Gas & Electric (SDG&E)	**Report #:**	VS086
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, cool, and calm
CPUC CM (E & E):	Joe Donaldson	**Start/End time:**	0600 to 1230
Project NTP(s):	Notice to Proceed (NTP)-3, NTP-4, 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 La Pata staging area at 0630 and attended the KV Structures tailboard meeting. Dust control was discussed, and I suggested watering all the dusty locations at the end of each day so a crust could form overnight. There was also a discussion about securing the site at the end of the day for the upcoming three-day holiday.

The construction team's environmental monitor attended the tailboard meeting and delivered several extra drip pans. We discussed the secondary containment issues, and I sent him a photo of a type of drip pan used on another project. I also attended the PAR tailboard meeting at 0700. After the tailboards I met with the acting Lead Environmental Inspector (LEI) and we reviewed the construction schedule for the day.

The first stop was at tower location 39 where vegetation clearing was scheduled later in the day. The area within the work limits that had been previously cleared had grown back in with predominately tall, weedy vegetation (Photo 1). A nesting bird survey had been completed recently with no new nests were observed.

We walked to tower location 36 where crews continued to work on soil removal and wall construction (Photo 2). The railing had been installed along the top of the wall. The juvenile red-tailed hawks (*Buteo jamaicensis*) were present around this area and a pair of California gnatcatchers (*Polioptila californica*) were observed. The LEI said the gnatcatchers had successfully nested nearby and an avian monitor would observe the pair.

Equipment was being delivered to tower location 37 in preparation for the pad work (Photo 3). Once the crew completed work at tower location 36, they would begin work at tower location 37.

At tower location 32, a crew was digging out the pad below the new brow ditch (Photo 4). According to the LEI the kingbird (*Tyrannus verticalis*) nest had been predated. I questioned how they determined this and the LEI said they found the nest at the bottom of the tower. An Environmental Inspector spot-checked this construction activity.

We drove to Stallion Ridge Road where a crew was working on the conduit within the roadway (Photo 5). Conduit installation continued up to tower locations 18 and 19 (Photo 6). The open trench had been covered with steel plates and I emphasized the need to cover all the holes around the plates (Photo 7).

We briefly chatted with the avian biologist observing the three American kestrel (*Falco sparverius*) nests located near tower locations 14 and 15 and locations 16 and 17. It was likely the chicks had fledged at location 15 because we observed the two adults and three chicks in a nearby elderberry bush. The nest at tower location 16 had not fledged yet.

We traveled to tower location 9 where the new tower had been installed. The site was in good condition with no new impacts from erecting the tubular steel pole (TSP) (Photo 8). We also stopped at tower location 10 where most of the TSP had been installed (Photo 9). There had been gravel laid down around the base of the tower to suppress dust and some equipment was staged onsite near the creek corridor (Photo 10). The tower at tower location 11 was being erected and work continued on the pad at tower location 13. The TSP for location 7 was being prepared for installation at tower location 8.

My final stop along the transmission corridor was at tower location 4 where the KV Structures crew was pouring the tower foundation (Photo 11). The concrete washout station had been properly set up nearby. The access road was dusty and we discussed the proper dust control measures to employ. Once again I pointed out the advantages of the "end-of-day" dust control, especially for dusty locations on the following day's work schedule.

At the jack and bore exit hole, trenching work was being completed (Photo 12). I expressed concern that the trench needs to be covered. The conduit leading out of the piping was visible in the exit hole (Photo 13). At the entry pit, crews were working on grouting the pipe and conduit (Photos 14 and 15).

Within the substation, grounding wire installation continued (Photo 16). Installation of new conduit connecting the 138-kilovolt (kV) gas-insulated substation (GIS) building to the new substation was being installed and slurry added (Photos 17 and 18). A curb was being formed and poured around the 138-kV GIS building (Photo 19). Some of the armor work on the northern slope had yet to be completed (Photo 20).

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)

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

Dust control measures should be conducted at the end of each day, especially in those areas to be accessed first in the morning.

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
07/02/20	SOCRE transmission corridor		Photo 1 – Tower location 39 with tall weedy vegetation. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
07/02/20	SOCRE transmission corridor		Photo 2 – Pad construction at tower location 36. Photo facing northwest.
07/02/20	SOCRE transmission corridor		Photo 3 – Tower location 37 had been cleared and equipment delivered in preparation for pad construction. Photo facing south.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
07/02/20	SOCRE transmission corridor		Photo 4 – Tower pad construction at tower location 32. Photo facing north.
07/02/20	SOCRE transmission corridor		Photo 5 – Conduit work within Stallion Ridge Road. Photo facing east.

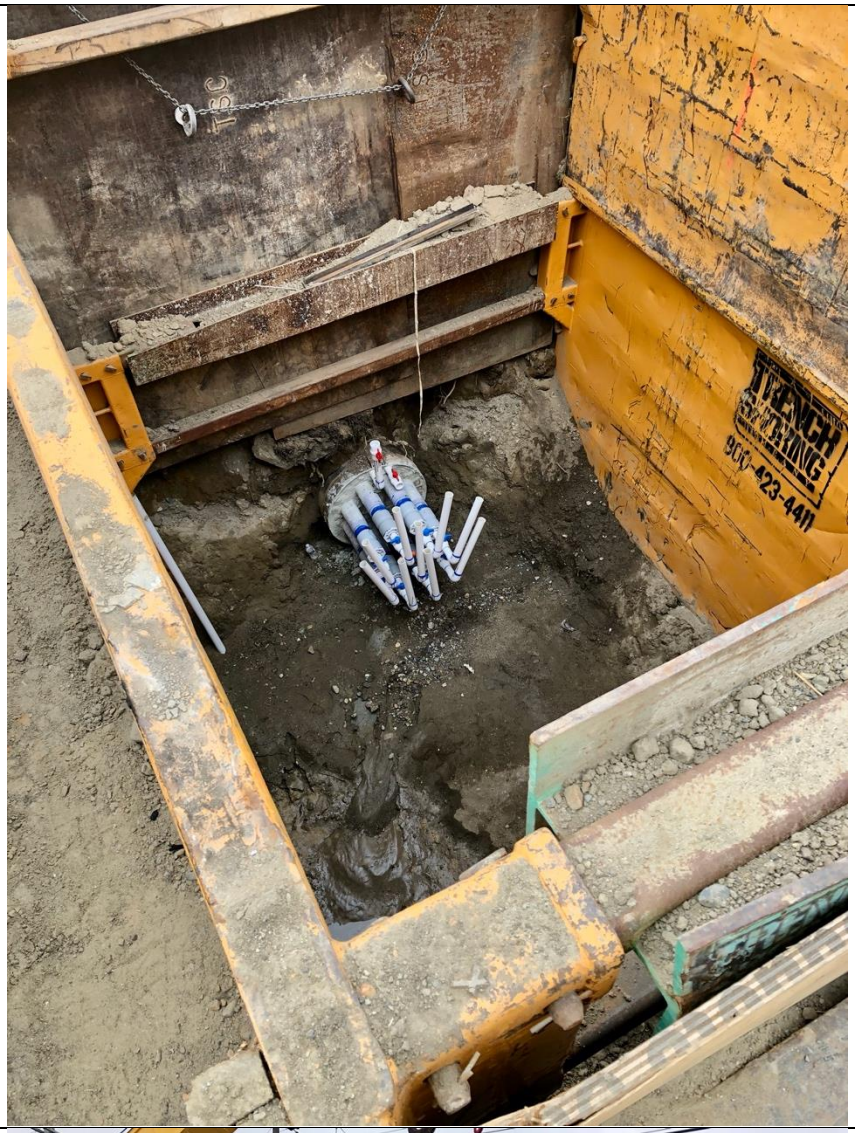
REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
07/02/20	SOCRE transmission corridor		Photo 6 – Conduit installation at tower locations 18 and 19. Photo facing south.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
07/02/20	SOCRE transmission corridor		Photo 7 – The covered conduit trench at tower locations 18 and 19. Photo facing south.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
07/02/20	SOCRE transmission corridor		Photo 8 – Newly erected tower at tower location 9. Photo facing southeast.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
07/02/20	SOCRE transmission corridor		Photo 9 – Partially erected tower at tower location 10. Photo facing south.
07/02/20	SOCRE transmission corridor		Photo 10 – Materials staged near the stream channel at tower location 10. Photo facing east.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
07/02/20	West of San Juan Capistrano Substation – jack and bore site		Photo 11 – Concrete trucks pouring the foundation for tower location 4. Photo facing south.
07/02/20	West of San Juan Capistrano Substation – jack and bore site		Photo 12 – Excavation for the conduit trench west of the jack and bore exit hole. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
07/02/20	West of San Juan Capistrano Substation – jack and bore site		.Photo 13 – Jack and bore exit hole with visible conduit leading out of the piping.
07/02/20	West of San Juan Capistrano Substation – jack and bore site		Photo 14 – Pumper truck at the jack and bore entry hole site. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
07/02/20	West of San Juan Capistrano Substation – jack and bore site		Photo 15 - The jack and bore entry hole site.
07/02/20	San Juan Capistrano Substation		Photo 16 – Crews digging the grounding wire trench. Photo facing south.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
07/02/20	San Juan Capistrano Substation		Photo 17 – Conduit trench with slurry added. Photo facing south.
07/02/20	San Juan Capistrano Substation		Photo 18 – Conduit trenching being completed at the substation. Photo facing north.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
07/02/20	San Juan Capistrano Substation		Photo 19 – Curb and gutter being formed and poured around the 138-kV GIS building. Photo facing north.
07/02/20	San Juan Capistrano Substation		Photo 20 – Armoring of the northern slope continued. Photo facing east.

Completed by:	CPUC/E & E Compliance Monitor
Date:	07/07/20

Reviewed by:	Manager
Date:	07/07/20

South Orange County Reliability Enhancement Project
CPUC Site Inspection Form

Project:	South Orange County Reliability Enhancement (SOCRE) Project	**Date:**	July 8, 2020
Project Proponent:	San Diego Gas & Electric (SDG&E)	**Report #:**	VS087
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, cool, and calm
CPUC CM (E & E):	Joe Donaldson	**Start/End time:**	0600 to 1230
Project NTP(s):	Notice to Proceed (NTP)- 3, NTP-4, 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 La Pata staging area at 0630 and attended the PAR tailboard meeting. The Lead Environmental Inspector (LEI) and one of the Environmental Inspectors (EI) were both at the tailboard meeting; dust control was once again a topic of discussion. A landowner near tower location 11 had reported a concern with excess road dust. It was reported that SDG&E had offered to power wash homes affected by dust and clean the affected landowner's property.

The EI and I drove south to tower location 36 where crews continued to build the tower pad (Photo 1). The crews were installing a black plastic corrugated drain culvert under an access road near the tower pad (Photo 2). The trench for the drainpipe was straight walled and had a 2-foot by 4-foot wooden board placed inside to act as an escape structure for trapped wildlife. I suggested using old straw wattle as a climbing structure to facilitate trapped wildlife climbing out of the trench. Another EI was spot-checking the construction site.

The next stop was at tower location 34 where the KV Structures crew was preparing to drill the tower foundation (Photo 3). Bird surveys had been done at this location and no new nesting activity was observed. The brow ditch and energy dissipater had been installed (Photo 4). A large metal culvert was delivered that would be installed in the drilled hole. The drilling operation would be extensive with a large, deep foundation hole needed; groundwater was anticipated during drilling. The access road was dusty with no exit or entry BMPs in place; we discussed a possible action of laying down a road base since there would be heavy traffic for the next several weeks. The day after my site visit, the EI sent me a photo of the access road with rock and rumble plates installed (Photo 5).

At tower location 32, a crew continued to dig out the pad below the brow ditch; the work was anticipated to be completed soon (Photo 6).

At Stallion Ridge Road, crews were working on delivering conduit to tower locations 16 and 17 (Photo 7). No nesting birds were present in the area since all the American kestrel (*Falco sparverius*) nests had fledged. With no nesting birds the avian biologists were only conducting morning sweeps and spot checking throughout the day. At tower locations 18 and 19, crews had completed the conduit connections and were cleaning up excess soil as they waited to backfill the trenches (Photo 8).

We drove by tower location 10, which required some installation, and tower locations 8 and 9, where crews were continuing to work on the tubular steel pole (TSP) to be installed at tower location 7.

At tower location 11, the TSP was installed (Photo 9). I observed the work area and did not see any issues with dust control.

At tower location 13, the I-beams had been placed and poured, with crews onsite installing the wood lagging (Photo 10). Once the wall work was completed, the pad would be cut down to the level of the fence line with the excess soil removed from the site (Photo 11).

I drove to the jack and bore operation west of the substation where I met with the EI covering the substation work. At the exit hole location west of the railroad tracks, a crew was pouring slurry into the second bore hole (Photo 12). The third and fourth bore operations were underway and would continue through the day until the required point past the tracks had been reached (Photo 13). The work appeared to be going smoothly.

Within the substation, grounding wire installation continued along the southern side of the 138-kilovolt (kV) gas-insulated substation (GIS) building (Photo 14). Some foundation drilling was being completed around the transformers (Photo 15).

The curb and gutter installation had been completed around the 138-kV GIS building with paving to be completed soon (Photo 16).

Conduit trenching, installation, and backfilling continued in the northeastern portion of the substation (Photos 17 and 18).

Some earthwork was being completed on the northern slope in preparation for armoring the last remaining portion (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)

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

Straw wattles should be used instead of wood boards to make climbing structures for wildlife.

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:

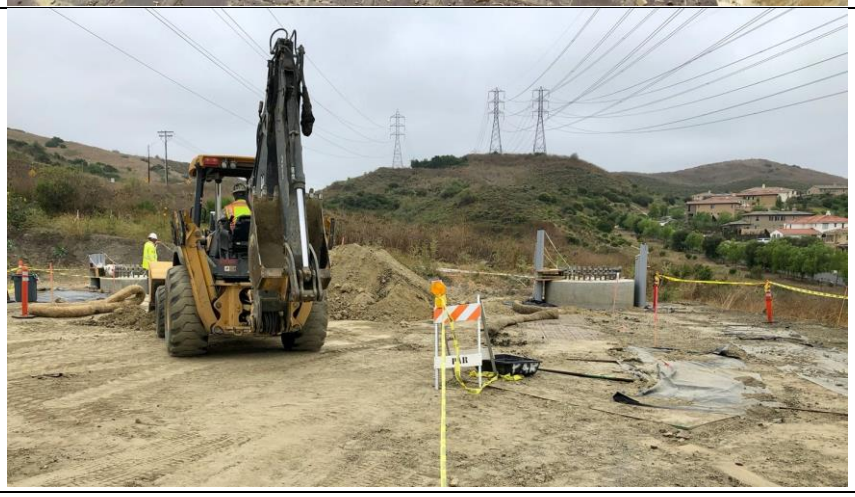
REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
07/08/20	SOCRE transmission corridor		Photo 1 – Tower location 36. Photo facing east.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
07/08/20	SOCRE transmission corridor		Photo 2 – Drain installation under an access road near tower location 36.
07/08/20	SOCRE transmission corridor		Photo 3 – Crew preparing to drill at tower location 34. Photo facing south.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
07/08/20	SOCRE transmission corridor		Photo 4 – Brow ditch and energy dissipater at tower location 34. Photo facing south.
07/08/20	SOCRE transmission corridor		Photo 5 – Exit and entry BMPs installed at the tower location 34 access road. Photo provided by the EI. Photo facing south.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
07/08/20	SOCRE transmission corridor		Photo 6 – Completing the new tower pad at tower location 32. Photo facing south.

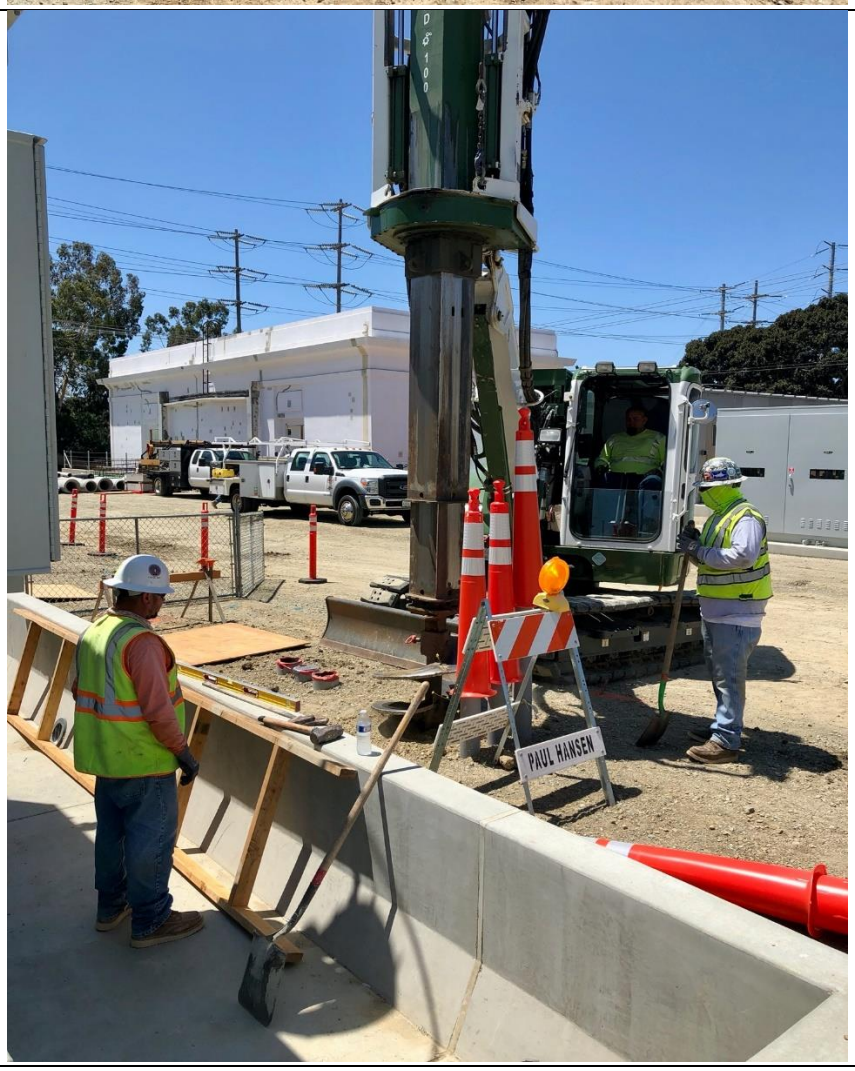
REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
07/08/20	SOCRE transmission corridor		Photo 7 – Conduit work at tower locations 16 and 17. Photo facing southwest.
07/08/20	SOCRE transmission corridor		Photo 8 – Cleanup work at tower locations 18 and 19. Photo facing south.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
07/08/20	SOCRE transmission corridor		Photo 9 – Newly erected tower at tower location 11. Photo facing south.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
07/08/20	SOCRE transmission corridor		Photo 10 – Retaining wall construction at tower location 13. Photo facing south.
07/08/20	SOCRE transmission corridor		Photo 11 – Tower pad at tower location 13. The pad would be leveled to the fence line and excess soil removed from the site. Photo facing northwest.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
07/08/20	West of San Juan Capistrano Substation – jack and bore site		Photo 12 – Poured slurry in the second bore exit hole. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
07/08/20	West of San Juan Capistrano Substation – jack and bore site		Photo 13 – Jack and bore work at the entrance hole. Photo facing north.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
07/08/20	San Juan Capistrano Substation		Photo 14 – Grounding wire installation. Photo facing east.
07/08/20	San Juan Capistrano Substation		Photo 15 – Foundation drilling near the transformers. Photo facing southwest.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
07/08/20	San Juan Capistrano Substation		Photo 16 – Curb and gutter around the 138-kV GIS building was complete. Photo facing west.
07/08/20	San Juan Capistrano Substation		Photo 17 – Newly installed conduit. Photo facing east.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
07/08/20	San Juan Capistrano Substation		Photo 18 – Conduit trenching and installation at the substation. Photo facing east.
07/08/20	San Juan Capistrano Substation		Photo 19 – Preparation for armoring the north slope of the substation. Photo facing east.

Completed by:	CPUC/E & E Compliance Monitor
Date:	07/13/20

Reviewed by:	Manager
Date:	07/14/20

South Orange County Reliability Enhancement Project
CPUC Site Inspection Form

Project:	South Orange County Reliability Enhancement (SOCRE) Project	**Date:**	July 16, 2020
Project Proponent:	San Diego Gas & Electric (SDG&E)	**Report #:**	VS088
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, cool, and calm
CPUC CM (E & E):	Joe Donaldson	**Start/End time:**	0600 to 1100
Project NTP(s):	Notice to Proceed (NTP)-3, NTP-4, 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 0600 and proceeded immediately to tower location 34 for an inspection before construction began for the day. They had begun drilling the foundation hole and had fenced off and covered the hole (Photo 1). I noted several openings in the hole coverings that could allow animals to enter and become trapped (Photo 2). Tracks on the dusty access road showed that many animals inhabit this riparian corridor. I also heard and observed a yellow-breasted chat (*Icteria virens*) around the tower site.

I met with the Lead Environmental Inspector (LEI) at the La Pata staging area at 0700 and we discussed the construction activities for the day. The LEI and I headed to the transmission corridor, stopping first at tower location 34. We discussed the need to seal up the foundation holes overnight with the KV Structures foreman. We also spoke to the avian biologist who was onsite monitoring the nearby kingbird (*Tyrannus verticalis*) nest. The avian biologist was aware of the yellow-breasted chat, indicating it was a male that had been in the area for several months.

We drove the access road past tower location 33 and observed that the pad had been drilled and poured (Photo 3).

Further down the road at tower location 32, the pad grading work was complete and the drilling rig had been delivered (Photo 4). The brow ditch and the energy dissipater installation above the tower pad had been completed (Photo 5). A dump truck arrived to remove the drill tailings. A paleontology monitor was scheduled to inspect the site once the drilling began.

We travelled south to tower location 36 where a crew continued to work on the tower pad, installing weeper pipes below the wood lagging (Photo 6). Another yellow-breasted chat was observed near the work site. Crews were upgrading the BMPs around the pad (Photo 7) and working on installation of the access road drainpipes (Photo 8). A paleontology monitor was also onsite. One of the EIs was onsite and indicated that a biological sweep of the area had been performed before work began.

We walked to tower location 37, which had been graded (Photo 9). Our next stop was at tower location 24 where a crew was working on grading the pad and the brow ditch (Photo 10). A paleontology monitor was onsite at location 24 and indicated that nothing of significance had been found during the grading operation.

At tower locations 16 and 17, a crew was trenching and installing conduit from Stallion Ridge Road to the tower sites (Photo 11). I spoke with a construction foreman about ensuring that the trenches were sealed at the end of each day.

I drove to the jack and bore operation west of the substation where I met with the EI in charge of monitoring the work. At the exit hole location, a portion of the conduit trenching west of the hole had been backfilled with slurry (Photo 12). The third bore had been completed and some of the excess soil was being removed from the exit hole with a backhoe (Photo 13). The hole was very deep and did not have safety fencing surrounding it. I pointed this out to the EI who discussed it with one of the construction inspectors.

At the entry hole, the boring operation had been completed so the crew was removing the auger bits (Photo 14). The crew remained onsite to install and stabilize the conduit in the third pipe.

The EI and I toured the substation noting the ongoing work activities. A crew was installing equipment around the transformers (Photo 15). Slope stabilization work was being conducted on the northern slope (Photo 16) and conduit work continued in the area between the 138-kilovolt (kV) gas-insulated substation (GIS) building and the existing substation (Photos 17 and 18).

Security towers and grounding work was being completed along the southern boundary wall (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)

Inspect the drilling holes and trenches at the end of the day to ensure they are covered.

COMPLIANCE SUGGESTIONS OR ADDITIONAL OBSERVATIONS (i.e., suggestions to improve compliance on-site, 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
07/16/20	SOCRE transmission corridor		Photo 1 – Tower location 34 where drilling had begun. The area was fenced off and the excavation hole was covered when not being used. Photo facing north.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
07/16/20	SOCRE transmission corridor		Photo 2 – Openings in the plates covering the tower location 34 foundation hole.
07/16/20	SOCRE transmission corridor		Photo 3 – Tower foundation at tower location 33. Photo facing north.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
07/16/20	SOCRE transmission corridor		Photo 4 – Drilling rig onsite at tower location 32. Photo facing south.
07/16/20	SOCRE transmission corridor		Photo 5 – Brow ditch and energy dissipator in place above tower location 32. Photo facing northwest.
07/16/20	SOCRE transmission corridor		Photo 6 – Tower pad work at tower location 36. Photo facing northwest.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
07/16/20	SOCRE transmission corridor		Photo 7 – BMP upgrades at tower location 36. Photo facing north.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
07/16/20	SOCRE transmission corridor		Photo 8 – Installation of access road drains at tower location 36. Photo facing northeast.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
07/16/20	SOCRE transmission corridor		Photo 9 – Newly graded pad at tower location 37. Photo facing south.
07/16/20	SOCRE transmission corridor		Photo 10 – Crew grading the pad at tower location 24. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
07/16/20	SOCRE transmission corridor		Photo 11 – Conduit installation at tower locations 16 and 17. Photo facing southwest.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
07/16/20	West of San Juan Capistrano Substation – jack and bore site		Photo 12 – Conduit trench west of the jack and bore site had been backfilled with slurry. Photo facing east.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
07/16/20	West of San Juan Capistrano Substation – jack and bore site		Photo 13 – Removing excess soil from the third bore operation. Photo facing southwest.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
07/16/20	West of San Juan Capistrano Substation – jack and bore site		Photo 14 – Boring operation was completed and the crew had removed the auger bits. Photo facing southwest.
07/16/20	San Juan Capistrano Substation		Photo 15 – Equipment installation around the transformers. Photo facing north.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
07/16/20	San Juan Capistrano Substation		Photo 16 – Armoring the north slope of the substation. Photo facing east.
07/16/20	San Juan Capistrano Substation		Photo 17 – Newly installed conduit. Photo facing east.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
07/16/20	San Juan Capistrano Substation		Photo 18 – Conduit trenching and installation. Photo facing southwest.
07/16/20	San Juan Capistrano Substation		Photo 19 – Security tower work on the southern boundary wall. Photo facing west.

Completed by:	CPUC/E & E Compliance Monitor
Date:	07/20/20

Reviewed by:	Manager
Date:	07/20/20

South Orange County Reliability Enhancement Project
CPUC Site Inspection Form

Project:	South Orange County Reliability Enhancement (SOCRE) Project	**Date:**	July 22, 2020
Project Proponent:	San Diego Gas & Electric (SDG&E)	**Report #:**	VS089
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, mild, and calm
CPUC CM (E & E):	Joe Donaldson	**Start/End time:**	0600 to 1130
Project NTP(s):	Notice to Proceed (NTP)-3, NTP-4, 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 0600 and proceeded immediately to tower location 34 before construction began for the day. They had done an excellent job of sealing the hole with visqueen plastic sheeting and gravel bags (Photo 1). The avian biologist arrived at the site to do the morning inspection and we discussed the sealing work and the nesting bird issues around this tower location. There was only one kingbird (*Tyrannus verticalis*) nest in the nearby lattice towers.

I headed for the La Pata staging area to attend the morning tailboard meeting and meet with the other environmental monitoring crew.

Later in the morning, I revisited the tower location 34 site as the KV Structures crew began work (Photo 2). There was an issue with the hole collapsing and the crew needed to remove the metal culvert and then evaluate how to proceed. Work may continue at this site for several more weeks. The avian biologist had discovered the kingbird nest had fallen below the tower and deduced the nest had been predated (Photo 3).

The Environmental Inspector (EI) and I drove to tower location 36 where it appeared work was nearly complete on the pad construction (Photo 4). The only remaining work was grading the pad. They had upgraded the site BMPs below the pad (Photo 5) and had some additional work to do on the site drainage pipe (Photo 6).

We walked to tower location 37 where the only new work activity appeared to be the addition of rock at the base of one of the existing wooden poles (Photo 7).

At tower location 32, the pad had been completed and, during the last week, the KV Structures crew had drilled, installed, and poured the tower foundation (Photo 8).

At tower locations 16 and 17, a crew continued the trenching and conduit installation from Stallion Ridge Road to the tower sites (Photo 9). The trench was quite deep here and was being spot-checked by the paleontology monitor. The EI, again, reminded the crew foreman about sealing the trenches before leaving for the day.

We stopped at tower location 5 where a crew was installing the tubular steel pole (TSP) (Photo 10).

At the jack and bore exit hole location west of the substation, the crew was removing excess soil from the work site (Photo 11). The third bore hole remained open with shoring in place. The bore hole work east of the railroad tracks included grouting the conduit in the third bore hole and the removal of the drilling equipment (Photo 12).

I met with the substation EI and we walked through the construction zone. A crew had completed work in the former utility structure using equipment and techniques associated with handling any hazardous materials (Photo 13).

Foundation work was underway near the 138-kilovolt (kV) gas-insulated substation (GIS) building, around the newly installed conduit (Photo 14). The conduit trench connecting to the existing substation had been backfilled and the area regraded (Photo 15).

Inside the 138-kV GIS building, crews were working on wiring (Photo 16).

Grounding wire installation also continued near the new conduit (Photo 14) and along the southern boundary wall (Photo 17).

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)

COMPLIANCE SUGGESTIONS OR ADDITIONAL OBSERVATIONS (i.e., suggestions to improve compliance on-site, 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
07/22/20	SOCRE transmission corridor		Photo 1 – Foundation hole coverage at tower location 34. Photo facing south.

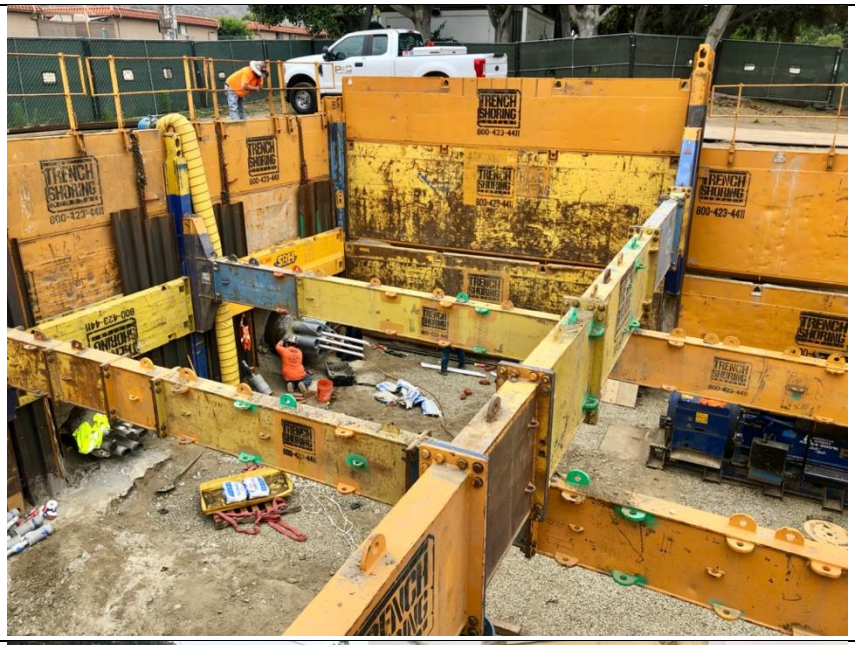
REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
07/22/20	SOCRE transmission corridor		Photo 2 – Crews working at tower location 34. Photo facing south.
07/22/20	SOCRE transmission corridor		Photo 3 – Predated kingbird nest at the lattice tower near tower location 34.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
07/22/20	SOCRE transmission corridor		Photo 4 – Tower pad at tower location 36 was nearly complete. Photo facing northwest.
07/22/20	SOCRE transmission corridor		Photo 5 – BMPs at tower location 36 had been upgraded. Photo facing northwest.
07/22/20	SOCRE transmission corridor		Photo 6 – Drainage piping appeared to be complete at tower location 36 with some restoration remaining. Photo facing northeast.

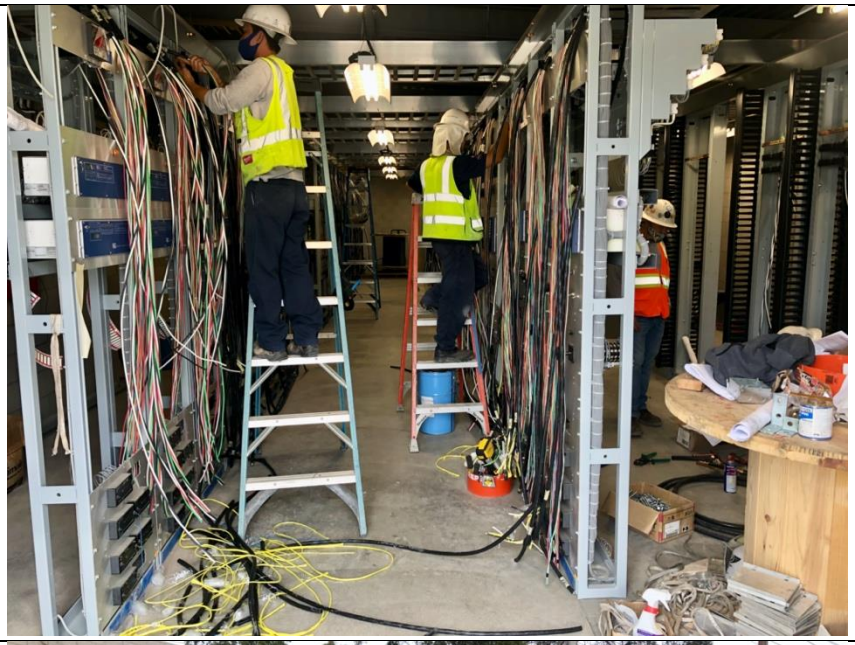
REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
07/22/20	SOCRE transmission corridor		Photo 7 – Some rock added at tower location 37. Photo facing south.
07/22/20	SOCRE transmission corridor		Photo 8 – Installation of the tower foundation was completed at tower location 32. Photo facing northeast.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
07/22/20	SOCRE transmission corridor		Photo 9 – Conduit installation continued at tower locations 16 and 17. Photo facing southwest.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
07/22/20	SOCRE transmission corridor		Photo 10 – Tower installation at tower location 5. Photo facing south.
07/22/20	West of San Juan Capistrano Substation – jack and bore site		Photo 11 – Removing excess soil from the third bore operation. Photo facing southwest.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
07/22/20	West of San Juan Capistrano Substation – jack and bore site		Photo 12 – Bore hole where crews were grouting in the conduit.
07/22/20	San Juan Capistrano Substation		Photo 13 – HAZMAT specialists working in the former utility structure. Photo facing northwest.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
07/22/20	San Juan Capistrano Substation		Photo 14 – Foundation work around the newly installed conduit. Grounding work was also underway. Photo facing east.
07/22/20	San Juan Capistrano Substation		Photo 15 – Conduit trench had been backfilled near the existing substation and the area had been regraded. Photo facing east.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
07/22/20	San Juan Capistrano Substation		Photo 16 – Wiring work within the 138-kV GIS building.
07/22/20	San Juan Capistrano Substation		Photo 17 – Grounding wire installation along the southern boundary wall. Photo facing southwest.

Completed by:	CPUC/E & E Compliance Monitor
Date:	07/25/20

Reviewed by:	Manager
Date:	07/27/20