



February 24, 2021

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

**Re: Monthly Report Summary #39 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 **January 1 to 31, 2020**, for the South Orange County Reliability Enhancement (SOCRE) Project in Orange County, California. Compliance monitoring was performed three times between January 1 and 31, 2021, 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.
- NTP-6 Addendum 1 (September 29, 2020): Extension of the scope of NTP-6 to pole 42, located just north of the Talega Hub and outside of Marine Corps Base Camp Pendleton.

The WSP USA Inc. (WSP), formerly Ecology and Environment, Inc., compliance monitoring team completed onsite compliance checks during this reporting period to verify compliance of ongoing site preparation and construction activities. The CPUC/WSP compliance monitoring team visited the San Juan Capistrano Substation site and other project construction areas on January 7, 13, and 21, 2021. WSP site inspection reports that summarize observed construction activities and compliance events, as applicable,

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425 MARKET STREET  
17<sup>TH</sup> FLOOR  
SAN FRANCISCO, CA 94105

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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 January 2021 were covered under NTP-3, NTP-5, and NTP-6. Construction activities during January 2021 took place within and in the vicinity of the San Juan Capistrano Substation site, along the transmission line corridor, and in other locations in the project area, and included continuation of substation site preparation activities; installing and testing 138-kV and 12-kV equipment; installing and backfilling conduit; drilling cable pole foundations; pouring foundations; cable terminations; installing gas-insulated substation (GIS) doors; patching foundations; installing and maintaining Storm Water Pollution Prevention Plan (SWPPP) Best Management Practices (BMPs); installing wire; placing new pole structures; minor grading; testing optical ground wire; installing security systems; constructing 138-kV and 12-kV catch basins; removing temporary pole and grading pad at tower location 4; replacing fencing along the right-of-way access road; constructing permanent storm drain structures; and energizing Phase 1. In addition, SDG&E conducted routine inspection, maintenance, and monitoring activities between January 1 and 31, 2020. Inspection activities included weekly inspections of the San Juan Capistrano Substation boundary for cleanliness, as well as SWPPP inspections at all construction activity areas to ensure there were no BMP deficiencies or potential non-compliance incidents. No deficiencies in SWPPP BMPs were observed or documented during January 2021. SDG&E conducted monitoring, as applicable, for cultural, paleontological, and biological resources, as well as for Native American concerns.

Project compliance during the January 2021 monitoring period was achieved through regular communication with and reporting by SDG&E. Communication between the CPUC/WSP compliance team and SDG&E has been regular and effective. SDG&E's monthly environmental compliance report for January 2021 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, NTP-6 Addendum 1, MPR-1, MPR-1 Addendum 1, MPR-3, MPR-4, MPR-5, MPR-6, MPR-7, MPR-8, MPR-9, MPR-10, MPR-11, MPR-12, and MPR-13.

### **Compliance Incidents**

No compliance incidences were reported during January 2021.

### **Public Concerns**

SDG&E did not receive any complaints during the reporting period of January 2021.



Mr. Andrew Barnsdale  
February 24, 2021

**Minor Approvals**

No minor approvals occurred during the reporting period of January 2021.

Sincerely,

A handwritten signature in blue ink, appearing to read 'J. Donaldson'.

Joseph Donaldson  
CPUC Compliance Manager, WSP

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

# ATTACHMENT 1

CPUC Site Inspection Reports

January 7, 13, and 21, 2021



## South Orange County Reliability Enhancement Project CPUC Site Inspection Form

<b>Project:</b>	South Orange County Reliability Enhancement (SOCRE) Project	<b>Date:</b>	January 7, 2021
<b>Project Proponent:</b>	San Diego Gas & Electric (SDG&E)	<b>Report #:</b>	VS109
<b>Lead Agency:</b>	California Public Utilities Commission (CPUC)	<b>Monitor(s):</b>	CPUC/WSP (formerly Ecology and Environment, Inc.) Compliance Monitor
<b>CPUC PM:</b>	Andrew Barnsdale, Energy Division	<b>AM/PM Weather:</b>	Partly cloudy, cool, and calm
<b>CPUC CM (WSP):</b>	Joe Donaldson	<b>Start/End time:</b>	0630 to 1100
<b>Project NTP(s):</b>	Notice to Proceed (NTP)-3, 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)

<b>Safety and Environmental Awareness Program (SEAP)</b>	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		
<b>Erosion and Dust Control (Air and Water Quality)</b>	Yes	No	N/A
Have temporary erosion and sediment control measures (Best Management Practices [BMPs]) been installed?	X		
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		
<b>Equipment</b>	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		
<b>Work Areas</b>	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		

<b>Biology</b>	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		
<b>Cultural and Paleontological Resources</b>	Yes	No	N/A
Are identified cultural/paleo resources that will not be relocated/salvaged clearly marked for exclusion?			X
Are archaeological and paleontological monitors onsite if needed?	X		
Are appropriate buffers maintained around sensitive resources (e.g., cultural sites)?			X
Have there been any work stoppages for cultural/paleo resources? If yes, describe below.		X	
<b>Hazardous Materials</b>	Yes	No	N/A
Are hazardous materials that are stored or used onsite properly managed?	X		
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		
<b>Work Hours and Noise</b>	Yes	No	N/A
Are required night lighting reduction measures in place?			X
Is construction occurring within approved hours?	X		
Are required noise control measures in place?			X

<b>AREAS MONITORED</b> (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 yard at 0630 and met with the Lead Environmental Inspector (LEI) and one of the Environmental Inspectors (EI) to participate in the morning tailboard. After the tailboard some of the crew gathered without wearing their masks. I approached the crew and ask that they put on masks. The LEI spoke to the superintendent about the requirement for crews to wear masks within 6 feet of each other. This had been a consistent issue onsite.

I traveled to tower location 36 with the EI where a crew was installing the brow ditch above the wall (Photo 1). They were also installing additional drainage piping (Photo 2) and removing the remaining wooden poles. Two of the avian biologists were onsite and had completed an inspection of the area. A pair of red-tailed hawks (*Buteo jamaicensis*) were observed building a nest near tower location 23. While speaking with the environmental monitoring crew at tower location 36, we observed a coastal California gnatcatcher (*Polioptila californica*) in a nearby bush.

We stopped at tower location 41 to inspect the tower pad BMPs (Photo 3). The project received an inch of rain over the Christmas weekend and rainwater runoff was an issue. Some of the straw wattles around tower location 41 pad were insufficient to contain the runoff. I discussed solutions to the runoff with the EI.

A crew was working on the towers at locations 16 and 17 (Photo 4).

We drove to tower location 14 where a crew was rebuilding the cut bank at the south end of the tower pad (Photo 5). The soil was being recompacted into its original location and would be covered with a coconut fiber matting. A brow ditch needed be to excavated at this location.

At tower location 13, brow ditch construction was underway (Photo 6). The ditch had been dug and lined with wire and would be ready for cement slurry to be poured. The existing fence had been reinstalled along the roadway. The EI indicated that they installed climbing structures in the open holes and checked them in the morning; no animals were found in the holes.

As we drove by tower location 12, it was noted that BMPs were in place and no erosion damage was observed following the Christmas weekend rain event (Photo 7).

At tower location 4, a crew continued to work on the brow ditch around the tower foundation, preparing to pour slurry (Photo 8). The graded area appeared well stabilized with BMPs and no issues with irrigation leaks were observed (Photo 9).

At the San Juan Capistrano Substation, I met with the onsite EI and we walked around the site. Excavation had begun for the conduit from the two new tubular steel pole (TSP) foundations near the 12-kilovolt (kV) substation facility (Photo 10).

Crews continued to work on the conduit installation near Camino Capistrano and the southern entrance (Photo 11). The EI said the area had adequate BMPs in place during the recent rain event.

**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).

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

Preparations for winter rains should continue.

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

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**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.

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



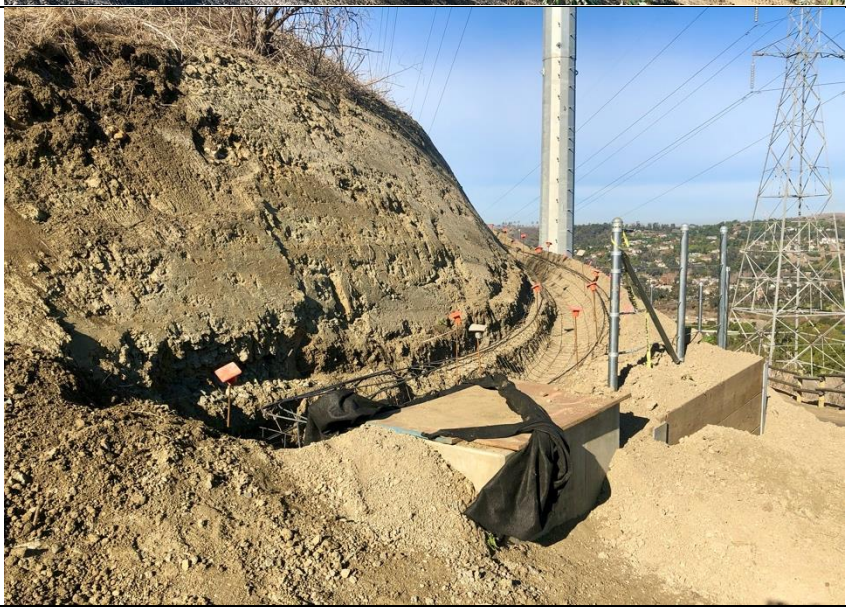
REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
01/07/21	SOCRE transmission corridor		Photo 1 – Brow ditch work at tower location 36. Photo facing east.






**REPRESENTATIVE SITE PHOTOGRAPHS**

Date	Location	Photo	Description
01/07/21	SOCRE transmission corridor		Photo 2 – Additional drainage work at tower location 36. Photo facing west.
01/07/21	SOCRE transmission corridor		Photo 3 – BMPs at tower location 41. Photo facing west.

**REPRESENTATIVE SITE PHOTOGRAPHS**

Date	Location	Photo	Description
01/07/21	SOCRE transmission corridor		Photo 4 – A crew working on tower locations 16 and 17. Photo facing east.
01/07/21	SOCRE transmission corridor		Photo 5 – Restoration of the cut bank at tower location 14. Photo facing southwest.
01/07/21	SOCRE transmission corridor		Photo 6 – Brow ditch construction at tower location 13. Photo facing northwest.

**REPRESENTATIVE SITE PHOTOGRAPHS**

Date	Location	Photo	Description
01/07/21	SOCRE transmission corridor		Photo 7 – BMPs in place at tower location 12. Photo facing north.
01/07/21	SOCRE transmission corridor		Photo 8 – Brow ditch construction around the foundation at tower location 4. Photo facing east.
01/07/21	SOCRE transmission corridor		Photo 9 – Stabilization of the graded area near tower location 4. Photo facing northwest.

**REPRESENTATIVE SITE PHOTOGRAPHS**

Date	Location	Photo	Description
01/07/21	San Juan Capistrano Substation		Photo 10 – Trenching for conduit installation near the 12-kV substation facility. Photo facing east.
01/07/21	San Juan Capistrano Substation		Photo 11 – Conduit installation continued near the southern entrance. Photo facing west.

<b>Completed by:</b>	CPUC/WSP Compliance Monitor
<b>Date:</b>	01/13/21

<b>Reviewed by:</b>	Manager
<b>Date:</b>	01/13/21



## South Orange County Reliability Enhancement Project CPUC Site Inspection Form

<b>Project:</b>	South Orange County Reliability Enhancement (SOCRE) Project	<b>Date:</b>	January 13, 2021
<b>Project Proponent:</b>	San Diego Gas & Electric (SDG&E)	<b>Report #:</b>	VS110
<b>Lead Agency:</b>	California Public Utilities Commission (CPUC)	<b>Monitor(s):</b>	CPUC/WSP (formerly Ecology and Environment, Inc.) Compliance Monitor
<b>CPUC PM:</b>	Andrew Barnsdale, Energy Division	<b>AM/PM Weather:</b>	Clear, cool, and calm
<b>CPUC CM (WSP):</b>	Joe Donaldson	<b>Start/End time:</b>	0630 to 1130
<b>Project NTP(s):</b>	Notice to Proceed (NTP)-3, 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)

<b>Safety and Environmental Awareness Program (SEAP)</b>	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		
<b>Erosion and Dust Control (Air and Water Quality)</b>	Yes	No	N/A
Have temporary erosion and sediment control measures (Best Management Practices [BMPs]) been installed?	X		
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		
<b>Equipment</b>	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		
<b>Work Areas</b>	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		

<b>Biology</b>	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		
<b>Cultural and Paleontological Resources</b>	Yes	No	N/A
Are identified cultural/paleo resources that will not be relocated/salvaged clearly marked for exclusion?			X
Are archaeological and paleontological monitors onsite if needed?	X		
Are appropriate buffers maintained around sensitive resources (e.g., cultural sites)?			X
Have there been any work stoppages for cultural/paleo resources? If yes, describe below.		X	
<b>Hazardous Materials</b>	Yes	No	N/A
Are hazardous materials that are stored or used onsite properly managed?	X		
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		
<b>Work Hours and Noise</b>	Yes	No	N/A
Are required night lighting reduction measures in place?			X
Is construction occurring within approved hours?	X		
Are required noise control measures in place?			X

<p><b>AREAS MONITORED</b> (i.e., structure numbers, yards, or substations)</p> <p>San Juan Capistrano Substation and areas along the transmission line route.</p>
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**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 met with the Lead Environmental Inspector (LEI) and one of the Environmental Inspectors (EI) to participate in the morning tailboard. Several other EIs were onsite, clearing the work areas and inspecting the area for nesting raptors.

The EI and I headed south to tower location 39. The additional workspace below the tower site remained fenced and grassy vegetation was growing after the last rain (Photo 1). Work continued on the brow ditch around the tower pad and the foundation was prepared to be poured. Excess soil appeared to require additional restoration at the eastern end of the wall (Photo 2).

At tower location 36, the brow ditch work was ongoing with most of the forms and the metal ditch lining in place and ready to be poured (Photos 3 and 4).

We stopped at the pull site below tower location 30 that had been hydroseeded and BMPs were added (Photo 5). Rainwater runoff coming from the access road came through the disturbed area causing minor erosion. We discussed how to divert the runoff before it crossed the newly hydroseeded pull site. A pair of red-tailed hawks (*Buteo jamaicensis*) were observed in the lattice steel tower next to tower location 30.

At tower location 23, the brow ditch was poured and final restoration was underway on one of the slopes (Photo 6). The project avian biologist had observed a pair of red-tailed hawks bringing nesting material to the adjacent lattice steel tower, but we did not observe any birds. The EI said they had not noted any recent nesting activity here.

At tower locations 18 and 19, restoration work, including brow ditch excavation and BMPs installation, appeared to be completed, with only hydroseeding left (Photo 7). Unfortunately, castor bean (*Ricinus communis*) seedlings were sprouting up within the work area.

We drove to tower location 14 where the extra workspace south of the tower had been restored (Photo 8). Slope stabilization remained to be completed with final BMPs added, the brow ditches poured, and hydroseeding completed.

At tower location 13, the brow ditches had been poured and the site was waiting to be hydroseeded (Photo 9).

I drove to the San Juan Capistrano Substation and met with the onsite EI. Conduit installation continued at the two new tubular steel pole (TSP) foundations near the 12-kilovolt (kV) substation facility (Photo 10). Crews were continuing to work on the trenching and conduit installation by the southern entrance (Photo 11).

I did not inspect the restoration work at tower location 4, but the EI sent me a photo of the hydroseeding being applied (Photo 12).

**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 been through the environmental training with hardhat stickers (MM HAZ-3, MM CUL-1).

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

Preparations for winter rains should continue.

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

Conduit trenches should be covered overnight to prevent animals from falling in.

**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
01/13/21	SOCRE transmission corridor		Photo 1 – Additional workspace along the access road below tower location 39. Photo facing east.



**REPRESENTATIVE SITE PHOTOGRAPHS**

Date	Location	Photo	Description
01/13/21	SOCRE transmission corridor		Photo 2 – Final restoration needed below the wall at tower location 39. Photo facing north.
01/13/21	SOCRE transmission corridor		Photo 3 – Brow ditch work at tower location 36. Photo facing west.

**REPRESENTATIVE SITE PHOTOGRAPHS**

<b>Date</b>	<b>Location</b>	<b>Photo</b>	<b>Description</b>
01/13/21	SOCRE transmission corridor		Photo 4 – Brow ditch work at tower location 36.
01/13/21	SOCRE transmission corridor		Photo 5 – Hydroseeding and BMPs in below tower location 30. Photo facing north.

**REPRESENTATIVE SITE PHOTOGRAPHS**

Date	Location	Photo	Description
01/13/21	SOCRE transmission corridor		Photo 6 – Final restoration to be completed tower location 23. Photo facing south.
01/13/21	SOCRE transmission corridor		Photo 7 – BMPs and the new brow ditch at tower locations 18 and 19. Photo facing south.

**REPRESENTATIVE SITE PHOTOGRAPHS**

<b>Date</b>	<b>Location</b>	<b>Photo</b>	<b>Description</b>
01/13/21	SOCRE transmission corridor	 A large concrete tower base is visible on the left side of the frame. The ground is dirt and gravel. To the right, there is a long, narrow trench with rebar reinforcement, indicating ongoing construction for a brow ditch. The background shows a dry, hilly landscape under a clear blue sky.	Photo 8 – Brow ditch work at tower location 14. Photo facing south.
01/13/21	SOCRE transmission corridor	 A completed concrete brow ditch runs along a dirt slope. To the left of the ditch, there is a metal railing with vertical posts. The ditch is filled with water. In the foreground, there is a concrete block with a wooden board on top. The background shows a dry, hilly landscape with some green bushes and a clear blue sky.	Photo 9 – Completed brow ditch at tower location 13. Photo facing northwest.

**REPRESENTATIVE SITE PHOTOGRAPHS**

<b>Date</b>	<b>Location</b>	<b>Photo</b>	<b>Description</b>
01/13/21	San Juan Capistrano Substation		Photo 10 – Conduit trenching at the TSPs near the 12-kV substation facility. Photo facing east.
01/13/21	San Juan Capistrano Substation		Photo 11 – Conduit trenching and installation continued near the southern entrance. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
01/13/21	SOCRE transmission corridor		Photo 12 – Tower location 4 being hydroseeded. Photo facing east, taken by one of the EIs.

<b>Completed by:</b>	CPUC/WSP Compliance Monitor
<b>Date:</b>	01/22/21

<b>Reviewed by:</b>	Manager
<b>Date:</b>	01/22/21



## South Orange County Reliability Enhancement Project CPUC Site Inspection Form

<b>Project:</b>	South Orange County Reliability Enhancement (SOCRE) Project	<b>Date:</b>	January 21, 2021
<b>Project Proponent:</b>	San Diego Gas & Electric (SDG&E)	<b>Report #:</b>	VS111
<b>Lead Agency:</b>	California Public Utilities Commission (CPUC)	<b>Monitor(s):</b>	CPUC/WSP (formerly Ecology and Environment, Inc.) Compliance Monitor
<b>CPUC PM:</b>	Andrew Barnsdale, Energy Division	<b>AM/PM Weather:</b>	Clear, cool, and calm
<b>CPUC CM (WSP):</b>	Joe Donaldson	<b>Start/End time:</b>	0630 to 1130
<b>Project NTP(s):</b>	Notice to Proceed (NTP)-3, 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)

<b>Safety and Environmental Awareness Program (SEAP)</b>	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		
<b>Erosion and Dust Control (Air and Water Quality)</b>	Yes	No	N/A
Have temporary erosion and sediment control measures (Best Management Practices [BMPs]) been installed?	X		
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		
<b>Equipment</b>	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		
<b>Work Areas</b>	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		

<b>Biology</b>	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		
<b>Cultural and Paleontological Resources</b>	Yes	No	N/A
Are identified cultural/paleo resources that will not be relocated/salvaged clearly marked for exclusion?			X
Are archaeological and paleontological monitors onsite if needed?	X		
Are appropriate buffers maintained around sensitive resources (e.g., cultural sites)?			X
Have there been any work stoppages for cultural/paleo resources? If yes, describe below.		X	
<b>Hazardous Materials</b>	Yes	No	N/A
Are hazardous materials that are stored or used onsite properly managed?	X		
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		
<b>Work Hours and Noise</b>	Yes	No	N/A
Are required night lighting reduction measures in place?			X
Is construction occurring within approved hours?	X		
Are required noise control measures in place?			X

<p><b>AREAS MONITORED</b> (i.e., structure numbers, yards, or substations)</p> <p>San Juan Capistrano Substation and areas along the transmission line route.</p>
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**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 met with the Lead Environmental Inspector (LEI) and one of the Environmental Inspectors (EI). I spoke with the LEI about the California Department of Fish and Wildlife (CDFW) streambed alteration agreement and where that work would take place. The LEI indicated the work would be completed as part of the second phase of tubular steel pole (TSP) installations at the Talega substation. He also indicated that a portion of the work may be postponed.

The EI and I drove to tower location 42 and inspected the area identified in the streambed alteration agreement (Photo 1). The construction pad would be built at the head of a small ephemeral drainage that was mostly covered in weeds. Native trees and shrubs occupied the drainage downstream of the pad area and, depending on the timing of construction, nesting bird surveys would be necessary.

We briefly inspected the area around tower location 41 and the BMPs in place to reduce rainwater runoff issues (Photo 2); the site was in good condition.

At tower location 23, a crew was scheduled to remove the existing plastic netting and replace it with coconut matting before hydroseeding (Photo 3). The EI said that several avian biologists were out along the transmission line, clearing the sites and inspecting the area for evidence of raptor nesting. We observed a red-tailed hawk (*Buteo jamaicensis*) perched in the adjacent lattice steel tower but did not see additional nesting material in the tower.

At tower location 24, all the restoration and brow ditch work appeared to be completed, with only the hydroseeding left to be completed (Photo 4).

We drove to tower location 14 where a crew was setup and waiting for a concrete truck to pour the brow ditch (Photo 5). Slope stabilization remained to be completed within the additional workspace area south of the TSP.

At tower location 13, the brow ditches were poured and the hydroseeding had been completed (Photo 6).

At tower locations 18 and 19, the hydroseeding had been completed (Photo 7). Unfortunately, castor bean (*Ricinus communis*) seedlings were beginning to grow within the work area and it appeared hydroseeding that portion of the construction area had been missed.

I drove to the San Juan Capistrano Substation and met with the onsite EI and we walked the site. Crews were working on BMP installation along Camino Capistrano due to a series of storms expected to begin the following weekend (Photo 8).

Crews were continuing to work on the trenching and conduit installation by the southern entrance and were pouring the trench with slurry (Photo 9). Unfortunately, due to construction constraints, this trench would remain open, preventing diversion of runoff into the rock-lined catch basin. I discussed BMP installation with the EI and with the construction foreman.

An area of open ground east of the 138-kilovolt (kV) gas-insulated building (GIS) building required additional BMPs (Photo 10).

Conduit installation continued at the two new TSP foundations near the 12-kV substation facility (Photo 11). These trenches would also remain open for a time. I asked the EI to be sure that they were covered and sealed during the upcoming rain events.

**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)

Preparations for winter rains should continue.

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

Conduit trenches should be covered overnight to prevent animals from falling in.

**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
01/21/21	SOCRE transmission corridor		Photo 1 – CDFW streambed alteration area near tower location 42. Photo facing west.



**REPRESENTATIVE SITE PHOTOGRAPHS**

<b>Date</b>	<b>Location</b>	<b>Photo</b>	<b>Description</b>
01/21/21	SOCRE transmission corridor	 A photograph showing a dirt embankment with several rows of straw-based Best Management Practices (BMPs) installed. A concrete tower base is visible in the background under a clear blue sky.	Photo 2 – BMPs at tower location 41. Photo facing west.
01/21/21	SOCRE transmission corridor	 A photograph showing a dirt embankment with rows of coconut matting installed. The matting is dark and appears to be replacing plastic netting. Power lines are visible in the foreground.	Photo 3 – Replacement of existing plastic netting with coconut matting needed at tower location 23. Photo facing south.

**REPRESENTATIVE SITE PHOTOGRAPHS**

Date	Location	Photo	Description
01/21/21	SOCRE transmission corridor		Photo 4 – Brow ditch and restoration work at tower location 24.
01/21/21	SOCRE transmission corridor		Photo 5 – Brow ditch work at tower location 14. Photo facing northeast.


**REPRESENTATIVE SITE PHOTOGRAPHS**

Date	Location	Photo	Description
01/21/21	SOCRE transmission corridor		Photo 6 – Brow ditch and hydroseeded slope at tower location 13. Photo facing west.
01/21/21	SOCRE transmission corridor		Photo 7 – BMPs and newly hydroseeded area at tower locations 18 and 19. Photo facing south.

**REPRESENTATIVE SITE PHOTOGRAPHS**

Date	Location	Photo	Description
01/21/21	San Juan Capistrano Substation		Photo 8 – BMP installation along Camino Capistrano. Photo facing south.
01/21/21	San Juan Capistrano Substation		Photo 9 – Slurry being poured into the conduit trench near the southern entrance to the substation. Photo facing east.
01/21/21	San Juan Capistrano Substation		Photo 10 – Open soil area requiring additional BMPs. Photo facing west.

**REPRESENTATIVE SITE PHOTOGRAPHS**

Date	Location	Photo	Description
01/21/21	San Juan Capistrano Substation		Photo 11 - Conduit trench at the TSPs near the 12-kV substation facility. Photo facing east.

<b>Completed by:</b>	CPUC/WSP Compliance Monitor
<b>Date:</b>	01/28/21

<b>Reviewed by:</b>	Manager
<b>Date:</b>	01/28/21