



April 28, 2021

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

Re: Monthly Report Summary #41 for the South Orange County Reliability Enhancement (SOCRE) Project

Dear Mr. Barnsdale:

This report summarizes the compliance monitoring activities that occurred during the period from **March 1 to 31, 2021**, for the South Orange County Reliability Enhancement (SOCRE) Project in Orange County, California. Compliance monitoring was performed three times between March 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.
- NTP-7 (February 4, 2021): Installation of two 230-kV transmission lines, reconfiguration of three 138-kV lines and relocation of a 69-kV line within the Talega Hub and Corridor.

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

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SAN FRANCISCO, CA 94105

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Capistrano Substation site and other project construction areas on March 6, 18, and 31, 2021. WSP 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 March 2021 were covered under NTP-3, NTP-5, NTP-6, and NTP-7. Construction activities during March 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 continuing substation site preparation activities; constructing the 138-kV gas-insulated substation (GIS) building; performing 138-kV and 12-kV cable pulling and terminations; performing 138-kV GIS control shelter testing; degassing tanks; installing station lights, power cables, and wire; installing and refreshing Storm Water Pollution Prevention Plan (SWPPP) best management practices (BMPs); installing security systems; constructing west screen walls; placing stairs west of the 138-kV GIS cast-in-place (CIP) wall; installing a grate beam and grate drain at the south access road; placing geo web to stabilize the south slope; removing existing 12-kV distribution lines; splicing fiber wire at tower location 4; splicing fiber wire at tower locations 18 and 38; replacing the swing gate south of tower location 12; receiving and unloading 230-kV poles; removing equipment from the La Pata staging yard; performing general cleanup; grading pads and performing geotechnical borings at tower location 13a; and excavating test pits at tower location 6b. In addition, SDG&E conducted routine inspection, maintenance, and monitoring activities between March 1 and 31, 2021. 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 March 2021. SDG&E conducted monitoring, as applicable, for cultural, paleontological, and biological resources, as well as for Native American concerns.

Project compliance during the March 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 March 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, NTP-7, MPR-1, MPR-1 Addendum 1, MPR-1 Addendum 2, 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 incidents were reported during March 2021.

Public Concerns

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



Mr. Andrew Barnsdale
April 28, 2021

Minor Approvals

MPR-1 Addendum 2 for vegetation removal and installation of new landscape planting within the MPR-1 work area just east of and outside the boundary of the San Juan Capistrano Substation was approved by the CPUC on March 24, 2021. Vegetation removal is required to facilitate the replacement of the security fence along the east side of the substation approved in NTP-3. As part of this addendum, a landscape plan was prepared by SDG&E and accepted by the landowner for the property for the purposes of aesthetic screening and visual improvement. The landscape plan was approved by the CPUC as part of MPR-1 Addendum 2.

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

March 6, 18, and 31, 2021



South Orange County Reliability Enhancement Project CPUC Site Inspection Form

Project:	South Orange County Reliability Enhancement (SOCRE) Project	Date:	March 6, 2021
Project Proponent:	San Diego Gas & Electric (SDG&E)	Report #:	VS115
Lead Agency:	California Public Utilities Commission (CPUC)	Monitor(s):	CPUC/ WSP USA Inc. (formerly Ecology and Environment, Inc.) Compliance Monitor
CPUC PM:	Andrew Barnsdale, Energy Division	AM/PM Weather:	Sunny, cool, and calm
CPUC CM (WSP):	Joe Donaldson	Start/End time:	0630 to 1030
Project NTP(s):	Notice to Proceed (NTP)- 3, NTP-5, NTP-6, and NTP-7		

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 on site properly managed?	X		
Are procedures in place to prevent spills and accidental releases?	X		
Are required fire prevention and control measures in place?	X		
Are contaminated soils properly managed for onsite storage or offsite disposal?	X		
Work Hours and Noise	Yes	No	N/A
Are required night lighting reduction measures in place?			X
Is construction occurring within approved hours?	X		
Are required noise control measures in place?			X

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

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 yard at 0630. The Lead Environmental Inspector (LEI) was not present onsite and little work was being completed along the transmission corridor.

I traveled to tower location 41 to inspect the tower site. There were no erosion concerns and the new water bar was functioning well (Photo 1).

The area around tower location 42 had no erosion issues and vegetation was growing well.

I stopped at tower location 34 and found there were no erosion issues (Photo 2). Red-tailed hawks (*Buteo jamaicensis*) were nesting in the nearby lattice towers.

At tower locations 16 and 17, work was underway to replace the fencing (Photo 3). I spoke with the crew onsite working for the homeowners association. The best management practices (BMPs) in this area required upgrades.

At tower locations 18 and 19, there was an electrical crew of four workers (Photo 4). Three of the four workers were not wearing masks and one was not wearing any personal protective equipment (PPE). I spoke to the crew about this and they donned the necessary PPE. An area north of tower locations 18 and 19 and west of the access road was being utilized but had not been stabilized with BMPs (Photo 5). I also noted weeds growing on the restored slopes (Photo 6).

At the substation, a new staging area had been fenced off across the street where the bore pit had been (Photo 7).

I met with the Environmental Inspector (EI), and we walked to the substation construction area. The previous storm caused rainwater runoff, but the water was controlled by the BMPs (Photos 8 and 9). A crew was onsite installing gravel on the slopes of the substation.



There was no new activity at the tower foundations near the 12-kilovolt (kV) substation facility (Photo 10).

A crew was placing a mortar mixing station near the south entrance of the substation with excellent secondary containment (Photo 11).


The rock catch basin installed in front of the offsite drain inlet needed to be refreshed (Photo 12). I spoke with the EI and the onsite foreman about getting this work done prior to the upcoming rain event. I sent a text message to the LEI about these upgrades. The LEI said they would upgrade this area on March 8, 2021. Photo 13 was sent to me by the LEI illustrating the upgrades to the sediment catch basin.

<p>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)</p> <p>All project personnel have been through the environmental training with hardhat stickers (MM HAZ-3, MM CUL-1).</p>
<p>RECOMMENDED FOLLOW-UP (i.e., items to check on next visit, minor issues to resolve)</p> <p>Preparations for winter rains should continue.</p>
<p>COMPLIANCE SUGGESTIONS OR ADDITIONAL OBSERVATIONS (i.e., suggestions to improve compliance onsite, environmental observations of note)</p>
<p>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.</p> <p><input type="checkbox"/> New biological or cultural discovery requiring compliance with MMs, permit conditions, etc.</p> <p><input type="checkbox"/> Potential compliance incident(s) observed. Document incident(s) and potential for environmental resources to be impacted.</p> <p><input type="checkbox"/> 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.</p>
<p>PREVIOUS NON-COMPLIANCE ITEMS REQUIRING FOLLOW-UP OR RESOLVED TODAY:</p>



REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
03/06/21	SOCRE transmission corridor		Photo 1 – New water bar installed within the access road at tower location 41. Photo facing east.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
03/06/21	SOCRE transmission corridor		Photo 2 – Restored work areas around tower location 34 showing no erosion issues. Photo facing west.
03/06/21	SOCRE transmission corridor		Photo 3 – Fence replacement work being done by the homeowners association at tower locations 16 and 17. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
03/06/21	SOCRE transmission corridor		Photo 4 – Electrical crew at tower locations 18 and 19. Photo facing southwest.
03/06/21	SOCRE transmission corridor		Photo 5 – Work area requiring BMP upgrades at tower locations 18 and 19. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
03/06/21	SOCRE transmission corridor		Photo 6 – Weed growth on the stabilized slopes at tower locations 18 and 19. Photo facing south.
03/06/21	Area west of the San Juan Capistrano Substation		Photo 7 – Staging area reinstated west of Camino Capistrano and the substation. Photo facing north.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
03/06/21	San Juan Capistrano Substation		Photo 8 – BMPs along the southern access road. Photo facing east.
03/06/21	San Juan Capistrano Substation		Photo 9 – BMPs along the southern access road. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
03/06/21	San Juan Capistrano Substation		Photo 10 – Installation of gravel on slopes within the substation. Photo facing east.
03/06/21	San Juan Capistrano Substation		Photo 11 – Mortar mixing station with secondary containment. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
03/06/21	San Juan Capistrano Substation		Photo 12 – BMPs at the southern entrance to the substation. Photo facing west.
03/06/21	San Juan Capistrano Substation		Photo 13 – Upgrades to the catch basin in the southwest corner of the substation, sent by the project LEI.. Photo facing southwest.

Completed by:	CPUC/WSP Compliance Monitor
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Mr. Andrew Barnsdale
April 28, 2021

Date:	03/12/21
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Reviewed by:	Manager
Date:	03/15/21



South Orange County Reliability Enhancement Project CPUC Site Inspection Form

Project:	South Orange County Reliability Enhancement (SOCRE) Project	Date:	March 18, 2021
Project Proponent:	San Diego Gas & Electric (SDG&E)	Report #:	VS116
Lead Agency:	California Public Utilities Commission (CPUC)	Monitor(s):	CPUC/WSP USA Inc. (formerly Ecology and Environment, Inc.) Compliance Monitor
CPUC PM:	Andrew Barnsdale, Energy Division	AM/PM Weather:	Partly cloudy, cool, and calm
CPUC CM (WSP):	Joe Donaldson	Start/End time:	0630 to 1000
Project NTP(s):	Notice to Proceed (NTP)-3, NTP-5, NTP-6, and NTP-7		

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 tarpred, 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 on site properly managed?	X		
Are procedures in place to prevent spills and accidental releases?	X		
Are required fire prevention and control measures in place?	X		
Are contaminated soils properly managed for onsite storage or offsite disposal?	X		
Work Hours and Noise	Yes	No	N/A
Are required night lighting reduction measures in place?			X
Is construction occurring within approved hours?	X		
Are required noise control measures in place?			X

AREAS MONITORED (i.e., structure numbers, yards, or substations)
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 transmission corridor at 0630. The Lead Environmental Inspector (LEI) was not onsite and little work was being completed along the transmission corridor. Since my last site visit, the project area had two rain events totaling 0.5 and 0.2 inches of rain, respectively.

At tower location 42, rainwater runoff had undermined a straw wattle and eroded a small rill in the slope of the tower pad (Photo 1).

I walked to tower location 41 where the tower pad appeared in good condition. The new water bar installed along the access road from the pad was working well diverting rainwater runoff into a rock energy dissipater (Photo 2). However, the water that was diverted off the access road caused erosion down the slope below the tower pad (Photo 3). The eroded material deposited into the V ditch along the public roadway, filling it with mud and debris (Photo 4).

I walked to tower location 39, where the tower pad was in good condition with no erosion issues. The steep access road next to the tower pad had erosion issues because the water bar had filled with sediment (Photo 5). The rainwater that had run down the access road was not diverted by the water bar and continued running down the steep roadway, eroding a small rill and depositing sediment into the road near the wetland (Photo 6). Pampas grass (*Cortaderia selloana*) was growing within the wetland adjacent to the access road and additional workspace.

At tower location 38, an electrical crew had arrived to begin work on the tower (Photo 7). I observed a crow (*Corvus brachyrhynchos*) nest in a nearby lattice tower and a pair of kestrels (*Falco sparverius*) exhibiting nesting behavior in an adjacent tower. I spoke to the foreman about whether the site had been cleared by an Environmental Inspector (EI) or avian biologist. I also checked with the LEI, who said the site had been cleared and they were aware of the nesting birds. The crow nest was not of concern due to its distance from the work site, and the avian biologist said the kestrels had not begun nesting yet.

I arrived at the substation at 0800 and met with the onsite EI. Crews were working on wire pulling at a number of locations (Photo 8).

Work continued on the brick boundary wall at the southern entrance (Photo 9). Installation of gravel on the southern slopes of the substation was in progress (Photo 10).


The previous week's rainfall was well contained by the best management practices (BMPs) onsite (Photos 10 and 11).



No new activity was underway at the tubular steel pole (TSP) foundations near the 12-kV (kilovolt) substation facility (Photo 12).

<p>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)</p> <p>All project personnel have been through the environmental training with hardhat stickers (MM HAZ-3, MM CUL-1).</p>
<p>RECOMMENDED FOLLOW-UP (i.e., items to check on next visit, minor issues to resolve)</p> <p>Check on the nesting bird activity.</p>
<p>COMPLIANCE SUGGESTIONS OR ADDITIONAL OBSERVATIONS (i.e., suggestions to improve compliance onsite, environmental observations of note)</p>
<p>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.</p> <p><input type="checkbox"/> New biological or cultural discovery requiring compliance with MMs, permit conditions, etc.</p> <p><input type="checkbox"/> Potential compliance incident(s) observed. Document incident(s) and potential for environmental resources to be impacted.</p> <p><input type="checkbox"/> 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.</p>
<p>PREVIOUS NON-COMPLIANCE ITEMS REQUIRING FOLLOW-UP OR RESOLVED TODAY:</p>

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
03/18/21	SOCRE transmission corridor		Photo 1 – Rill under the BMP at tower location 42.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
03/18/21	SOCRE transmission corridor		Photo 2 – Water bar and rock energy dissipator diverting runoff at tower location 41. Photo facing east.
03/18/21	SOCRE transmission corridor		Photo 3 – Erosion below the water bar at tower location 41. Photo facing southwest.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
03/18/21	SOCRE transmission corridor		Photo 4 – Eroded material deposited in the V ditch along the public roadway near tower location 41. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
03/18/21	SOCRE transmission corridor		Photo 5 – Access road near tower location 39 showing the sediment filled water bar. Photo facing northwest.
03/18/21	SOCRE transmission corridor		Photo 6 – Erosion and sediment on the access road below tower location 39. Photo facing north.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
03/18/21	SOCRE transmission corridor		Photo 7 – Electrical crew at tower location 38. Photo facing south.
03/18/21	San Juan Capistrano Substation		Photo 8 – Wire pulling near the transformers. Photo facing northeast.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
03/18/21	San Juan Capistrano Substation		Photo 9 – Brick laying for the western portion of the boundary wall. Photo facing west.
03/18/21	San Juan Capistrano Substation		Photo 10 – Gravel armoring of the southern slopes of the substation. Photo facing south.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
03/18/21	San Juan Capistrano Substation		Photo 11 – Upgraded BMPs near the southern entrance to the substation. Photo facing southwest.
03/18/21	San Juan Capistrano Substation		Photo 12 – BMPs along the northern entry road. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
03/18/21	San Juan Capistrano Substation		Photo 13 – TSP foundations near the 12-kV substation facility. Photo facing east.

Completed by:	CPUC/WSP Compliance Monitor
Date:	03/26/21

Reviewed by:	Manager
Date:	03/26/21



South Orange County Reliability Enhancement Project CPUC Site Inspection Form

Project:	South Orange County Reliability Enhancement (SOCRE) Project	Date:	March 31, 2021
Project Proponent:	San Diego Gas & Electric (SDG&E)	Report #:	VS117
Lead Agency:	California Public Utilities Commission (CPUC)	Monitor(s):	CPUC/WSP Compliance Monitor
CPUC PM:	Andrew Barnsdale, Energy Division	AM/PM Weather:	Sunny, cool, and calm
CPUC CM (WSP):	Joe Donaldson	Start/End time:	0700 to 0930
Project NTP(s):	Notice to Proceed (NTP)-3, NTP-5, NTP-6, and NTP-7		

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 on site properly managed?	X		
Are procedures in place to prevent spills and accidental releases?	X		
Are required fire prevention and control measures in place?	X		
Are contaminated soils properly managed for onsite storage or offsite disposal?	X		
Work Hours and Noise	Yes	No	N/A
Are required night lighting reduction measures in place?			X
Is construction occurring within approved hours?	X		
Are required noise control measures in place?			X

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

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 substation at 0700 and attended the morning tailboard meeting.

The Lead Environmental Inspector (LEI) was not onsite, so I met with the Environmental Inspector (EI) and walked the substation site. Crews were conducting wire pulling activities at several locations and were working within the 138-kilovolt (kV) gas-insulated substation (GIS) building (Photo 1).

At the southern entrance, workers continued constructing the brick boundary wall and foundation for the automatic entrance gate (Photo 2). Installation of gravel armoring on the southern slopes of the substation was on hold (Photo 3).

No work was occurring along the transmission corridor, but the EI said work had been completed recently near tower location 42. This work was in preparation for the Phase 2 transmission line work around the Talega Substation. We traveled to tower location 42 where I observed the grading work along the existing access road south of the tower location (Photo 4). Approximately 70 feet of road had been leveled with best management practices (BMPs) added below the grading work (Photo 5). The vegetation around this location was primarily annual grasses and weeds. It appeared that soil sampling had been conducted within the graded area. According to the EI, nesting bird surveys were completed by the avian biologist and none were observed.

We inspected the erosion at tower location 4 and discussed possible solutions and the need to clean up the sediment near the public roadway.

We then traveled to the Stallion Ridge Road area, entering the access road at tower locations 16 and 17. We passed tower location 15 and stopped at tower location 13. The disturbed and restored areas around the tower locations appeared stable with vegetation present; however, the vegetation consisted mostly of non-native weeds (Photo 6).

Near tower location 12, a crew was replacing a gate and installing new gate posts (Photo 7).

The temporary staging area located near tower location 12 had been cleared of equipment and regraded (Photo 8). Vegetation was returning quickly, but consisted mostly of non-native weeds.

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)

Check on the nesting bird activity.

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

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

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



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

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


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

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
03/31/21	San Juan Capistrano Substation		Photo 1 – Wire pulling within the substation. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
03/31/21	San Juan Capistrano Substation		Photo 2 – Brick laying and foundation work at the southern entrance to the substation. Photo facing northwest.
03/31/21	San Juan Capistrano Substation		Photo 3 – Armoring the southern slopes of the substation. Photo facing east.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
03/31/21	SOCRE transmission corridor		Photo 4 – Grading work in preparation for Phase 2 activities near the Talega Substation. Photo facing east.
03/31/21	SOCRE transmission corridor		Photo 5 – BMPs added to the graded access road. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
03/31/21	SOCRE transmission corridor		Photo 6 – Revegetation at tower location 13. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
03/31/21	SOCRE transmission corridor		Photo 7 – Gate replacement near tower location 12. Photo facing north.
03/31/21	SOCRE transmission corridor		Photo 8 – Restored temporary staging area between tower locations 12 and 13. Photo facing southeast.

Completed by:	CPUC/WSP Compliance Monitor
Date:	04/07/21

Reviewed by:	Manager
Date:	04/08/21