



January 28, 2022

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

Re: Monthly Report Summary #50 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 **December 1 to 31, 2021**, for the South Orange County Reliability Enhancement (SOCRE) Project in Orange County, California. Compliance monitoring was performed two times between December 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) compliance monitoring team completed onsite compliance checks during this reporting period to verify compliance of ongoing site preparation and construction activities. The

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CPUC/WSP compliance monitoring team visited the San Juan Capistrano Substation site and other project construction areas on December 1 and 15, 2021. The WSP site inspection reports that summarize observed construction activities and compliance events, as applicable, and verifies mitigation measures (MMs) and applicant proposed measures (APMs) were completed for the site visits. This report is attached below (Attachment 1).

Project activities in December 2021 were covered under NTP-3, NTP-4, and NTP-6. Construction activities took place within the vicinity of the San Juan Capistrano Substation, at Long Park, and at the La Pata Staging Area. At the San Juan Capistrano Substation, construction activities included tests for the 138-kV gas-insulated substation (GIS); hazardous materials abatement; excavating, compacting, and grading at the upper yard; construction of a new security perimeter fence; and removal of wood poles, steel structures, and footings of the former 138-kV substation. The former 138-kV substation equipment and all excess soil from grading activities were hauled offsite, and office trailers were moved to their new locations. At Long Park, construction activities included conduit installation and associated trenching and backfilling activities and construction of cable pole foundations with steel casings and rebar cages. Also, the conduit package for structure SP2404 was backfilled, concrete was placed, and cable pole foundations were grounded. At the La Pata Staging Area, pole inspections were conducted and materials were unloaded throughout the month of December.

In addition, SDG&E conducted routine inspection, maintenance, and monitoring activities between December 1 and 31, 2021. Inspection activities included weekly inspections of the San Juan Capistrano Substation boundary for cleanliness and Storm Water Pollution Prevention Plan (SWPPP) inspections at all construction activity areas to ensure there were no best management practice (BMP) deficiencies or potential non-compliance incidents. Rain events occurred on December 14 and December 23–26. Stormwater BMP maintenance was conducted in all areas of the project, including applying soil stabilizer to all disturbed and bare surfaces at the substation. Following rain events, inspections conducted by a qualified SWPPP inspector found that there were no non-compliance incidents.

SDG&E conducted monitoring, as applicable, for cultural, paleontological, and biological resources. On December 15, the historic architect monitor was onsite at the San Juan Capistrano Substation to review the adhesion of the lead-encapsulating coating. All activities were in compliance with MM CUL-8; however, follow-up action will be required to resolve adhesion of the coating. No non-compliance incidents were identified for cultural, paleontological, or biological resources.

Project compliance during the December 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 December 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.



Mr. Andrew Barnsdale
January 28, 2022

Compliance Incidents

No compliance incidents were reported during December 2021.

Public Concerns

No public concerns were reported during December 2021.

Minor Approvals

No minor approvals occurred during the reporting period of December 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

For

December 1 and 15, 2021



South Orange County Reliability Enhancement Project CPUC Site Inspection Form

Project:	South Orange County Reliability Enhancement (SOCRE) Project	Date:	December 1, 2021
Project Proponent:	San Diego Gas & Electric (SDG&E)	Report #:	VS134
Lead Agency:	California Public Utilities Commission (CPUC)	Monitor(s):	CPUC/WSP USA Inc. Compliance Monitor
CPUC PM:	Andrew Barnsdale, Energy Division	AM/PM Weather:	Sunny and calm with mild temperatures
CPUC CM (WSP USA Inc.):	Joe Donaldson	Start/End time:	1400 to 1500 hrs.
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 SOCRE transmission line work.

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)

During my site visit, I observed two main areas where construction was occurring.



The first and largest area was the clearing of the former 138-kV substation in the eastern portion of the San Juan Capistrano Substation site. The former infrastructure and most of the former foundations have been removed (Photo 1). Equipment onsite continued to break up old concrete. At the time of the visit, most of the area consisted of exposed soil (Photo 2). Crews had also begun excavation of the western edge of the former 138-kV substation where some of the old drainage channels were located (Photo 3). According to the onsite Environmental Inspector (EI) grading was planned for this area. We discussed the need for BMPs to protect this area in the event of rain. The EI said that the crew had a sound plan for the containment of rainwater runoff.

The second construction area was in the bore pit area in Long Park west of the substation and across Camino Capistrano. Crews there had opened and shored up a deep trench that would allow them to connect the conduit from the bore pit to the tubular steel pole (TSP) (Photo 4). The staging area and access road just outside of the construction fencing was very dusty and again I discussed with the EI the need for dust control for this area (Photo 5).


Photo 6 shows the area between Camino Capistrano and the former utility structure where some materials had been stored.

<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>COMPLIANCE SUGGESTIONS OR ADDITIONAL OBSERVATIONS (i.e., suggestions to improve compliance onsite, environmental observations of note)</p>
<p>COMPLIANCE SUMMARY</p> <p>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
12/01/21	San Juan Capistrano Substation		Photo 1 – Final foundation removal within the former 138-kV substation facility. Photo facing east.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
12/01/21	San Juan Capistrano Substation		Photo 2 – Exposed soil on the site of the former 138-kV substation facility. Photo facing north.
12/01/21	San Juan Capistrano Substation		Photo 3 – Excavation along the western end of the former 138-kV substation facility. Photo facing south.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
12/01/21	Long Park west of the San Juan Capistrano Substation		Photo 4 – Conduit trench leading to the new TSP. Photo facing west.
12/01/21	Long Park west of Camino Capistrano and the San Juan Capistrano Substation		Photo 5 – Staging area and access road near the work area. Photo facing northwest.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
12/01/21	San Juan Capistrano Substation		Photo 6 – Material storage area between the former utility structure and Camino Capistrano. Photo facing northwest.

Completed by:	CPUC/WSP Compliance Monitor
Date:	12/12/21

Reviewed by:	Manager
Date:	12/13/21



South Orange County Reliability Enhancement Project CPUC Site Inspection Form

Project:	South Orange County Reliability Enhancement (SOCRE) Project	Date:	December 15, 2021
Project Proponent:	San Diego Gas & Electric (SDG&E)	Report #:	VS135
Lead Agency:	California Public Utilities Commission (CPUC)	Monitor(s):	CPUC/WSP USA Inc. Compliance Monitor
CPUC PM:	Andrew Barnsdale, Energy Division	AM/PM Weather:	Mostly clear and sunny; calm with mild temperatures
CPUC CM (WSP USA Inc.):	Joe Donaldson	Start/End time:	1230 to 1330 hrs.
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 SOCRE transmission line work.

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 12:30 after two days of rain. The onsite rain gauge showed that approximately 1.3 inches of rain had fallen during this latest storm event. The site was fairly muddy, but work was being performed in the area of the former 138-kV substation facility.

I met with the onsite Environmental Inspector (EI) and we walked the site. The EI described the BMPs that had been implemented prior to the rain event, including installing straw wattles and spraying exposed soil with a binder. The environmental team also worked with the contractor to grade several low areas that would capture the rainwater runoff and allow sediment to drop out. The site appeared to be in good condition with no indication that any rainwater runoff had flowed offsite.

Some of the earthwork completed since the previous site visit included excavation and removal of excess soil from the western edge of the former 138-kV substation facility (Photo 1). Straw wattles had been installed and the area was very muddy, but it did not appear that there was much rainwater runoff from this location (Photo 2). Because the area was so muddy, I discussed track out onto Camino Capistrano with the EI. Rumble plates were in place at both entries to the substation, and a street sweeper was scheduled to come clean the roads later that day.

A crew with various equipment, including a front loader, a bulldozer, and a large-wheeled compactor, was working the area where the new 138-kV substation will be built (Photo 3). They were over excavating the area and will recompact the soil into it. Some of the soil was delivered to the area around the new fence. The over-excavated hole acted as a catch basin for the rainwater runoff and there was large amount of ponded water remaining in the hole.

A fencing crew was installing a new fence along the eastern edge of the project site (Photo 4). The poles were set in concrete provided by a concrete truck.

The other construction activity that had occurred since the previous visit was the completion of the conduit installation by the new TSP located within the bore pit area in Long Park west of Camino Capistrano. The EI said that crews had recently completed backfilling the conduit trench that day and had closed and secured the site (Photo 5). The area appeared clean and safe with BMPs in place and locked fencing around the site.

<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>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
12/15/21	San Juan Capistrano Substation		Photo 1 – Excavated area west of the site of the new 138-kV substation. Photo facing north.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
12/15/21	San Juan Capistrano Substation		Photo 2 - Excavated area west of the site of the new 138-kV substation showing the muddy conditions. Photo facing south.
12/15/21	San Juan Capistrano Substation		Photo 3 – Over excavation work at the new 138-kV substation location. Photo facing north.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
12/15/21	San Juan Capistrano Substation		Photo 4 – A fencing crew installing new fencing along the eastern edge of the substation. Photo facing northeast.
12/15/21	Long Park west of Camino Capistrano and the San Juan Capistrano Substation		Photo 5 – Conduit work has been completed and the trench backfilled where it leads to the new TSP. Photo facing south.

Completed by:	CPUC/WSP Compliance Monitor
Date:	12/20/21

Reviewed by:	Manager
Date:	12/21/21