ecology and environment, inc.
Member of WSP

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August 7, 2020

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

**Re: Monthly Report Summary #32 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 **June 1 to 30, 2020**, for the South Orange County Reliability Enhancement (SOCRE) Project in Orange County, California. Compliance monitoring was performed four times between June 1 and 30, 2020, to ensure all project-related activities conducted by San Diego Gas and Electric (SDG&E) and its contractors were in compliance with the Final Environmental Impact Report (Final EIR) for the SOCRE Project, as adopted by the California Public Utilities Commission (CPUC) on December 15, 2016.

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

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

The Ecology and Environment, Inc., member of WSP (hereafter referred to as E & E), compliance monitoring team completed onsite compliance checks during this reporting period to verify compliance of ongoing site preparation and construction activities. The CPUC/E & E compliance monitoring team visited the San Juan Capistrano Substation site and other project construction areas on June 5, 10, 18, and 25, 2020. E & E site inspection reports that summarize observed construction activities and compliance events, as applicable, and verify mitigation measures (MMs) and applicant proposed measures (APMs) were completed for the site visits. These reports are attached below (Attachment 1).

Project activities in June 2020 were covered under NTP-3, NTP-4, and NTP-6. Construction activities during June 2020 took place within and in the vicinity of the San Juan Capistrano Substation site, along

the transmission line corridor, and other locations in the project area, and included continuation of substation site preparation activities; installing 138-kV gas insulated substation (GIS) equipment; stabilizing the north slope; performing former utility structure repairs; surveying and staking; removing wires and structures; installing best management practices (BMPs); grading pads; excavating and installing 230-kV underground lines; and excavating jack and bore receiving pits. In addition, SDG&E conducted routine inspection, maintenance, and monitoring activities between June 1 and 30, 2020. Inspection activities included weekly inspections of the San Juan Capistrano Substation boundary for cleanliness, as well as Storm Water Pollution Prevention Plan (SWPPP) inspections at all construction activity areas to ensure there were no best BMP deficiencies or potential non-compliance incidents. No deficiencies in SWPPP BMPs were observed or documented during June 2020. SDG&E conducted monitoring, as applicable, for cultural, paleontological, and biological resources, as well as for Native American concerns.

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

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

## Compliance Incidents

Two compliance incidents occurred during June 2020. The first incident began on April 30, 2020, and was discovered and reported June 2, 2020. An SDG&E subcontractor conducted work 16 feet outside of the approved work limits under NTP-4. The delineated work area was staked with NTP-4 work limits, but the final engineering staking was also in place, which resulted in confusion about the extent of the approved work area. The CPUC determined that this incident was a minor compliance incident because the action only slightly deviated from project requirements and did not impact, or have the potential to impact, environmental resources.

The second incident took place on June 25, 2020, near tower location 32. A transmission subcontractor performed construction activities within the approved reduced nest buffer of a Cassin's kingbird (*Tyrannus vociferans)* without a CPUC-approved biological monitor present, as required. Because the construction activities were not scheduled for that day, no biological monitor was notified. No disturbance to the nest occurred and no other environmental resources were impacted. Based on the information provided, including immediate and appropriate responses by SDG&E and its contractors to rectify the incident, the CPUC determined this to be a Non-compliance Level 1 incident. Although the incident had some potential to result in minor impacts to environmental resources, specifically a common species with no conservation status, the CPUC determined the potential for impact was very low and, thus, did not meet the standard to qualify as a Non-compliance Level 2 incident.

## Public Concerns

One public complaint was received during June 2020. A homeowner near tower location 11 submitted a complaint on June 29, 2020, regarding dust accumulation on his property. SDG&E met with the homeowner on June 30, 2020, to discuss SDG&E's anticipated use of the nearby access road for a month. SDG&E explained to the homeowner that dust would be substantially minimized once activities cease. SDG&E agreed to have the contractor power wash the landowner's home after completion of nearby construction activities, which satisfied the homeowner. Although this incident is considered resolved, it will remain open until the power washing has been completed. In addition, SDG&E held a stand down meeting to ensure the access road near tower location 11 is watered before use and the 15-mile per hour work zone speed limit is enforced to minimize dust.

## Minor Approvals

No minor approvals occurred during June 2020.

Sincerely,

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

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

# ATTACHMENT 1

CPUC Site Inspection Reports

June 5, 10, 18, and 25, 2020

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

| | | | |
|---|---|---|---|
| **Project:** | South Orange County Reliability Enhancement (SOCRE) Project | **Date:** | June 5, 2020 |
| **Project Proponent:** | San Diego Gas & Electric (SDG&E) | **Report #:** | VS082 |
| **Lead Agency:** | California Public Utilities Commission (CPUC) | **Monitor(s):** | CPUC/Ecology and Environment, Inc., member of WSP (E & E) Compliance Monitor (CM) |
| **CPUC PM:** | Andrew Barnsdale, Energy Division | **AM/PM Weather:** | Overcast with heavy precipitation |
| **CPUC CM (E & E):** | Joe Donaldson | **Start/End time:** | 0800 to 1230 |
| **Project NTP(s):** | Notice to Proceed (NTP)-3, NTP-4, and NTP-6 | | |

SITE INSPECTION CHECKLIST (Based on monitor's observations during site visit; responses do not imply that monitor observed all staff, crews, and parts of the project during this inspection)

| **Safety and Environmental Awareness Program (SEAP)** | Yes | No | N/A |
|---|---|---|---|
| Is the SEAP training in place and does it appear to have been completed by all new hires (construction and monitors)? | X | | |
| **Erosion and Dust Control (Air and Water Quality)** | Yes | No | N/A |
| Have temporary erosion and sediment control measures (Best Management Practices [BMPs]) been installed? | X | | |
| Are erosion and sediment control measures (BMPs) properly installed (without apparent deficiencies) and functioning as intended during rain events? | X | | |
| Are measures in place to avoid/minimize mud tracking onto public roadways, in accordance with the project's Storm Water Pollution Prevention Plan (SWPPP)? | X | | |
| Is dust control being implemented (i.e., access roads watered, haul trucks covered, soil piles are tarped, streets cleaned on a regular basis)? | X | | |
| Are work areas being effectively watered prior to excavation or grading? | X | | |
| Are measures in place to stabilize soils and effectively suppress fugitive dust? | X | | |
| **Equipment** | Yes | No | N/A |
| Are observed vehicles maintaining a speed limit of 15 miles per hour on unpaved roads? | X | | |
| Are observed vehicles/equipment arriving onsite clean of sediment or plant debris? | X | | |
| Are observed vehicles/equipment turned off when not in use? | X | | |
| **Work Areas** | Yes | No | N/A |
| Is exclusionary fencing or flagging in place to protect sensitive biological or cultural resources? | X | | |
| Are observed vehicles, equipment, and construction personnel staying within approved work areas and on approved roads? | X | | |

| | | | |
|---|---|---|---|
| Are excavations and trenches covered at the end of the day? | | X | |
| Are wildlife escape ramps installed at 100-foot intervals with ramps not exceeding 2:1 slopes? | X | | |
| **Biology** | Yes | No | N/A |
| Have preconstruction surveys been completed for biological (coastal California gnatcatcher, least Bell's vireo, southwestern will flycatcher, rare plants) resources, as appropriate? | X | | |
| Are biological monitors present onsite? | X | | |
| Are appropriate measures in place to protect sensitive habitat and/or drainages (i.e., flagging, signage, exclusion fencing, biological monitor, appropriate buffer distance enacted)? | X | | |
| Have wildlife been relocated from work areas? If yes, describe below. | | X | |
| Have impacts occurred to adjacent habitat (sensitive or non-sensitive)? If yes, describe below. | | X | |
| Were any threatened or endangered species observed? If yes, describe below. | | X | |
| If there are wetlands or water bodies near construction activities, are adequate measures in place to avoid impacts on these features? | X | | |
| Have there been any work stoppages for biological resources? If yes, describe below. | X | | |
| **Cultural and Paleontological Resources** | Yes | No | N/A |
| Are identified cultural/paleo resources that will not be relocated/salvaged clearly marked for exclusion? | | | X |
| Are archaeological and paleontological monitors onsite if needed? | X | | |
| Are appropriate buffers maintained around sensitive resources (e.g., cultural sites)? | | | X |
| Have there been any work stoppages for cultural/paleo resources? If yes, describe below. | | X | |
| **Hazardous Materials** | Yes | No | N/A |
| Are hazardous materials that are stored or used onsite properly managed? | X | | |
| Are procedures in place to prevent spills and accidental releases? | X | | |
| Are required fire prevention and control measures in place? | X | | |
| Are contaminated soils properly managed for onsite storage or offsite disposal? | X | | |
| **Work Hours and Noise** | Yes | No | N/A |
| Are required night lighting reduction measures in place? | | | X |
| Is construction occurring within approved hours? | X | | |
| Are required noise control measures in place? | | | X |

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

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

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

I arrived onsite at the San Juan Capistrano Substation at 0800 during heavy precipitation. My first stop was at the exit hole for the jack and bore work under the railroad tracks (Photo 1). The first bore had pushed through into the exit hole and an excavator was digging out the soil pushed through by the drill (Photo 2). Due to the rain, the work area was muddy, but crews were keeping the streets clean.

Gravel had been laid down in the access road to the jack and bore staging area to reduce dust (Photo 3). The drill rig had been pulled into the bore hole and crews were welding pipe in the hole (Photo 4).

At the substation, I met with the Environmental Inspector (EI) and toured the site. Crews had begun armoring the northern slope by placing visqueen plastic sheeting and staking down expandable plastic gravel containment material (Photo 5). The crew was also installing a French drain at the base of the slope.

Crews continued to work within the 138-kilovolt (kV) gas-insulated substation (GIS) building; they had yet to install the internal cranes (Photo 6).

A survey crew had laid out the excavation work to be completed in the area located northeast of the 138-kV GIS building (Photo 7). The earthwork leading to the existing 12-kV substation facility in the northeastern corner of the project site had been partially completed (Photo 8).

I met with the Lead Environmental Inspector (LEI) and we observed the construction area along Camino Capistrano that was outside of the approved workspace under NTP-4. The LEI had notified E & E and the CPUC of the violation but wanted to show me the site and give me an opportunity to ask questions.

I drove to tower location 8 and met with the EI overseeing the transmission corridor work (Photo 9). Crews had completed the drilling and lowered the 80-foot-long metal culvert in place. They were preparing to pump slurry into the hole and around the outside of the culvert (Photo 10). Many pieces of equipment were occupying the parkway, including four baker tanks, two drilling rigs, a cement pumper truck, two water trucks, a crane, and about five support vehicles.

We inspected the Stallion Ridge Road area where a crew continued to install conduit within the roadway (Photo 11). I observed the American kestrel (*Falco sparverius*) nest site in the tower arm at tower locations 16 and 17 and was able to observe nest activity (Photo 12). The avian biologist was onsite due to the nearby conduit work.

No work occurred at tower location 15 where a new kestrel nest had been observed. No additional work had been completed to remove the existing foundation since the discovery of the nest (Photo 13).

We stopped at tower location 23 where a crew was building a pad near the tower (Photo 14). A water truck was onsite and the work activity was being monitored by an avian biologist due to the nearby song sparrow (*Melospiza melodia*) nest. A foundation hole was being drilled at tower location 30 and the chippings were delivered to tower location 23 to be spread on the access road.

We stopped at tower location 30 where the crew had completed drilling work (Photo 15). The drilling equipment remained parked onsite and secondary containment pans had been strategically placed.

**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)

Reviews the nest buffers.

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

**COMPLIANCE SUMMARY**

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

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

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

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

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

**REPRESENTATIVE SITE PHOTOGRAPHS**

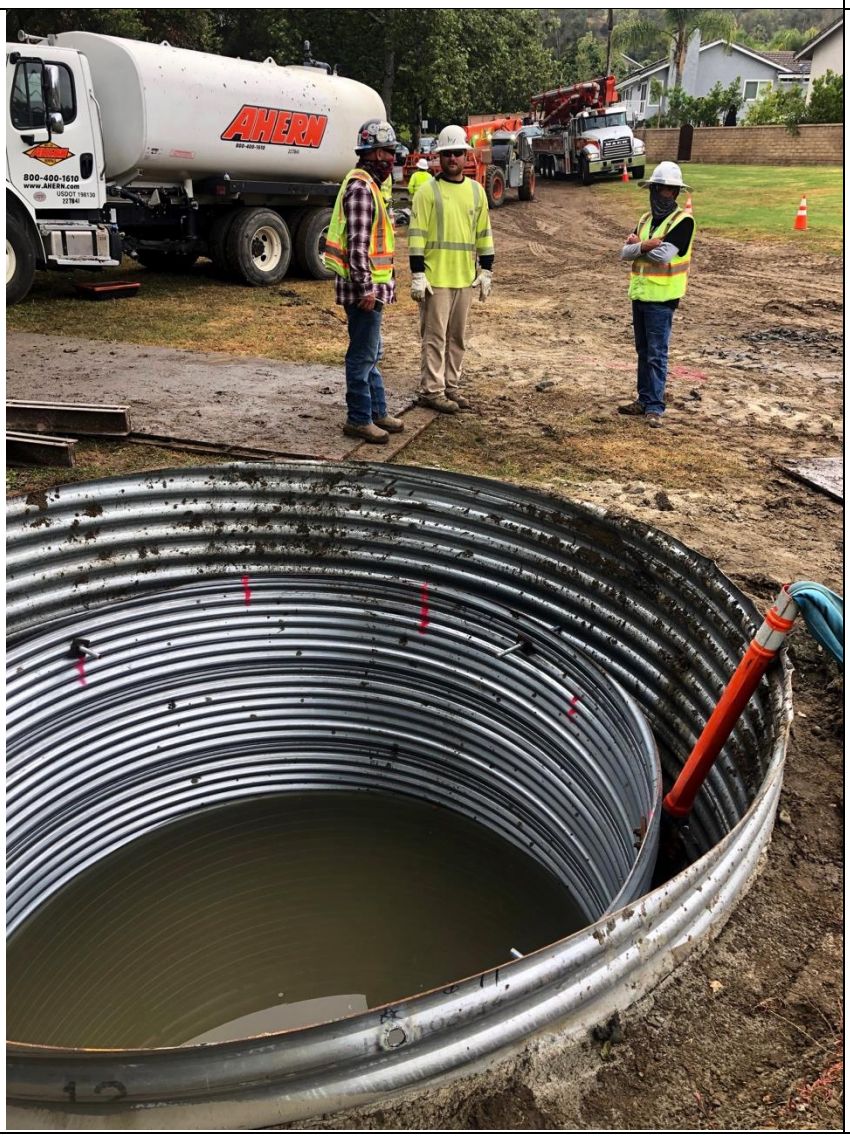
| Date | Location | Photo | Description |
|---|---|---|---|
| 06/05/20 | West of San Juan Capistrano Substation – jack and bore site |  | Photo 1 – The jack and bore exit hole west of the railroad tracks. Photo facing east. |

| REPRESENTATIVE SITE PHOTOGRAPHS | | | |
|---|---|---|---|
| **Date** | **Location** | **Photo** | **Description** |
| 06/05/20 | West of San Juan Capistrano Substation – jack and bore site |   | Photo 2 – Excess soil removed from the jack and bore exit hole. Photo facing south. |
| 06/05/20 | West of San Juan Capistrano Substation – jack and bore site |  | Photo 3 – Gravel placed on the jack and bore access road. Photo facing south. |

| REPRESENTATIVE SITE PHOTOGRAPHS | | | |
|---|---|---|---|
| **Date** | **Location** | **Photo** | **Description** |
| 06/05/20 | West of San Juan Capistrano Substation – jack and bore site |  | Photo 4 – Bore hole with the drill rig in place. Photo facing west. |
| 06/05/20 | San Juan Capistrano Substation |  | Photo 5 – Armoring the northern slope of the substation. Photo facing east. |

| REPRESENTATIVE SITE PHOTOGRAPHS | | | |
|---|---|---|---|
| **Date** | **Location** | **Photo** | **Description** |
| 06/05/20 | San Juan Capistrano Substation |  | Photo 6 – The 138-kV GIS building with internal cranes waiting to be installed. Photo facing southwest. |
| 06/05/20 | San Juan Capistrano Substation |  | Photo 7 – Surveyed area in the northeast area of the substation. Photo facing east. |

| REPRESENTATIVE SITE PHOTOGRAPHS | | | |
|---|---|---|---|
| **Date** | **Location** | **Photo** | **Description** |
| 06/05/20 | San Juan Capistrano Substation |  | Photo 8 – Partially completed trench line earthwork leading to the existing 12-kV substation facility. Photo facing east. |
| 06/05/20 | SOCRE transmission corridor |  | Photo 9 – Drilling work was completed at tower location 8. Photo facing south. |

| REPRESENTATIVE SITE PHOTOGRAPHS | | | |
|---|---|---|---|
| **Date** | **Location** | **Photo** | **Description** |
| 06/05/20 | SOCRE transmission corridor |  | Photo 10 – Stabilizing culverts installed at tower location 8. Photo facing northwest. |

| REPRESENTATIVE SITE PHOTOGRAPHS | | | |
|---|---|---|---|
| **Date** | **Location** | **Photo** | **Description** |
| 06/05/20 | SOCRE transmission corridor |  | Photo 11 – Conduit installation within Stallion Ridge Road. Photo facing east. |

| REPRESENTATIVE SITE PHOTOGRAPHS | | | |
|---|---|---|---|
| **Date** | **Location** | **Photo** | **Description** |
| 06/05/20 | SOCRE transmission corridor |  | Photo 12 –Tower locations 16 and 17 where an American kestrel nest is located. Photo facing west. |
| 06/05/20 | SOCRE transmission corridor |  | Photo 13 – Existing foundation to be removed at tower location 15. Photo facing west. |

| REPRESENTATIVE SITE PHOTOGRAPHS | | | |
|---|---|---|---|
| **Date** | **Location** | **Photo** | **Description** |
| 06/05/20 | SOCRE transmission corridor |  | Photo 14 – Pad work at tower location 23. Photo facing east. |
| 06/05/20 | SOCRE transmission corridor |  | Photo 15 – Drilling work was completed at tower location 30. Photo facing south. |

| | |
|---|---|
| **Completed by:** | CPUC/E & E Compliance Monitor |
| **Date:** | 06/13/20 |

| | |
|---|---|
| **Reviewed by:** | Manager |
| **Date:** | 06/15/20 |

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

| | | | |
|---|---|---|---|
| **Project:** | South Orange County Reliability Enhancement (SOCRE) Project | **Date:** | June 10, 2020 |
| **Project Proponent:** | San Diego Gas & Electric (SDG&E) | **Report #:** | VS083 |
| **Lead Agency:** | California Public Utilities Commission (CPUC) | **Monitor(s):** | CPUC/Ecology and Environment, Inc., member of WSP (E & E) Compliance Monitor (CM) |
| **CPUC PM:** | Andrew Barnsdale, Energy Division | **AM/PM Weather:** | Sunny and warm, with a slight breeze |
| **CPUC CM (E & E):** | Joe Donaldson | **Start/End time:** | 0930 to 1400 |
| **Project NTP(s):** | Notice to Proceed (NTP)-3, NTP-4, and NTP-6 | | |

SITE INSPECTION CHECKLIST (Based on monitor's observations during site visit; responses do not imply that monitor observed all staff, crews, and parts of the project during this inspection)

| **Safety and Environmental Awareness Program (SEAP)** | Yes | No | N/A |
|---|---|---|---|
| Is the SEAP training in place and does it appear to have been completed by all new hires (construction and monitors)? | X | | |
| **Erosion and Dust Control (Air and Water Quality)** | Yes | No | N/A |
| Have temporary erosion and sediment control measures (Best Management Practices [BMPs]) been installed? | X | | |
| Are erosion and sediment control measures (BMPs) properly installed (without apparent deficiencies) and functioning as intended during rain events? | X | | |
| Are measures in place to avoid/minimize mud tracking onto public roadways, in accordance with the project's Storm Water Pollution Prevention Plan (SWPPP)? | X | | |
| Is dust control being implemented (i.e., access roads watered, haul trucks covered, soil piles are tarped, streets cleaned on a regular basis)? | X | | |
| Are work areas being effectively watered prior to excavation or grading? | X | | |
| Are measures in place to stabilize soils and effectively suppress fugitive dust? | X | | |
| **Equipment** | Yes | No | N/A |
| Are observed vehicles maintaining a speed limit of 15 miles per hour on unpaved roads? | X | | |
| Are observed vehicles/equipment arriving onsite clean of sediment or plant debris? | X | | |
| Are observed vehicles/equipment turned off when not in use? | X | | |
| **Work Areas** | Yes | No | N/A |
| Is exclusionary fencing or flagging in place to protect sensitive biological or cultural resources? | X | | |
| Are observed vehicles, equipment, and construction personnel staying within approved work areas and on approved roads? | X | | |

| | | | |
|---|---|---|---|
| Are excavations and trenches covered at the end of the day? | | X | |
| Are wildlife escape ramps installed at 100-foot intervals with ramps not exceeding 2:1 slopes? | X | | |
| **Biology** | Yes | No | N/A |
| Have preconstruction surveys been completed for biological (coastal California gnatcatcher, least Bell's vireo, southwestern will flycatcher, rare plants) resources, as appropriate? | X | | |
| Are biological monitors present onsite? | X | | |
| Are appropriate measures in place to protect sensitive habitat and/or drainages (i.e., flagging, signage, exclusion fencing, biological monitor, appropriate buffer distance enacted)? | X | | |
| Have wildlife been relocated from work areas? If yes, describe below. | | X | |
| Have impacts occurred to adjacent habitat (sensitive or non-sensitive)? If yes, describe below. | | X | |
| Were any threatened or endangered species observed? If yes, describe below. | | X | |
| If there are wetlands or water bodies near construction activities, are adequate measures in place to avoid impacts on these features? | X | | |
| Have there been any work stoppages for biological resources? If yes, describe below. | X | | |
| **Cultural and Paleontological Resources** | Yes | No | N/A |
| Are identified cultural/paleo resources that will not be relocated/salvaged clearly marked for exclusion? | | | X |
| Are archaeological and paleontological monitors onsite if needed? | X | | |
| Are appropriate buffers maintained around sensitive resources (e.g., cultural sites)? | | | X |
| Have there been any work stoppages for cultural/paleo resources? If yes, describe below. | | X | |
| **Hazardous Materials** | Yes | No | N/A |
| Are hazardous materials that are stored or used onsite properly managed? | X | | |
| Are procedures in place to prevent spills and accidental releases? | X | | |
| Are required fire prevention and control measures in place? | X | | |
| Are contaminated soils properly managed for onsite storage or offsite disposal? | X | | |
| **Work Hours and Noise** | Yes | No | N/A |
| Are required night lighting reduction measures in place? | | | X |
| Is construction occurring within approved hours? | X | | |
| Are required noise control measures in place? | | | X |

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

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

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

I arrived onsite at the jack and bore exit hole west of the San Juan Capistrano substation at 0930. No one was present at the construction site west of the railroad tracks and the area was fenced and locked (Photo 1).

I travelled to the bore site on the east side of the railroad tracks where crews were working on the metal conduit inside of the first bore hole (Photo 2). The area around the jack and bore pit was well maintained except for the overflowing trash bins (Photo 3). I met with the Environmental Inspector (EI) and discussed the full trash cans. He said he would speak to the construction foreman about the issue; later in the day he sent me a photo showing the bins had been cleaned up.

At the substation, a crew continued to armor the northern slope (Photo 4), and crews were working within the 138-kilovolt (kV) gas-insulated substation (GIS) building (Photo 5).

No excavation work was being completed within the surveyed area northeast of the 138-kV GIS building (Photo 6).

Along the transmission corridor I met with the EI at tower location 8 (Photo 7). The crew was pumping out water from the metal culvert (Photo 8). A large crane was being used because the foundation hole was nearly 80 feet deep. The water was pumped into baker tanks to be used at the next drill site. Some irrigation pipes within the parkway were damaged and water had flooded some of the construction area (Photo 9).

I stopped at the staging area along the access road to tower locations 12 and 13. Soil from the various drilling operations had been transported and stockpiled to allow it to dry (Photo 10). The young have fledged from the two nests of American kestrels (*Falco sparverius*) near the staging area and the signs had been removed.

At tower location 12, a crew was installing the grounding rods on the new tower foundation (Photo 11). According to the EI, a crew was getting ready to begin work at tower location 13.

I drove the access road past tower location 13 to tower locations 14 and 15. The lead avian biologist was stationed between locations 14 and 15 and we discussed the new American kestrel nest observed at tower location 14. American kestrel nests are now present within the existing towers near locations 14, 15, and 16; the avian biologist believes there are chicks at all three locations. The avian biologist did not feel it was unusual to have three American kestrel nests close together, but he believes only one male is responsible for all three nests, which is unusual. At various times, we were able to observe two females and one male at tower location 14, one female at tower location 15, and one female at tower location 16.

At Stallion Ridge Road, a crew was paving the trench near tower locations 16 and 17 (Photo 12), and extending the conduit trench from the road up to tower locations 18 and 19.

I stopped at the La Pata staging area and met with the Lead Environmental Inspector (LEI) in the construction trailers. I then proceeded to tower location 25 where a drill rig had started drilling the foundation (Photo 13). The foundation hole is to be 60 feet deep.

At tower location 36, the I-beams for the new wall were installed and excavators were working to remove soil on both sides of the beams (Photo 14). The roving paleontology/archaeology monitor was present at this location and we briefly discussed the monitoring activities and anything sensitive discovered; thus far, nothing of significance had been found.

My final stop for the day was at tower location 34 where a crew was building a pad using soil from tower location 36 (Photo 15). A water truck was watering the fill soil and access road to reduce dust. A street sweeper was cleaning the track-out from the public roadway (Photo 16).

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

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

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

Review the nest buffers.

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

**COMPLIANCE SUMMARY**

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

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

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

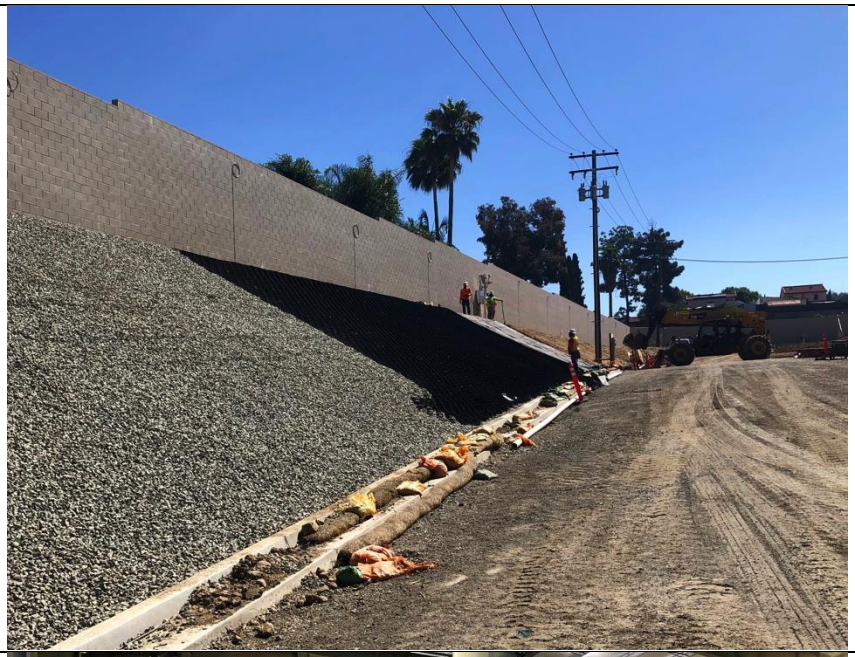
☐ New non-compliance issues reported by SDG&E monitors since your last visit. Describe issues and resolution under "compliance suggestions or additional observations" (above) and include SDG&E report identification number.

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

**REPRESENTATIVE SITE PHOTOGRAPHS**

| Date | Location | Photo | Description |
|---|---|---|---|
| 06/10/20 | West of San Juan Capistrano Substation – jack and bore site |  | Photo 1 – The jack and bore exit hole west of the railroad tracks. Photo facing east. |

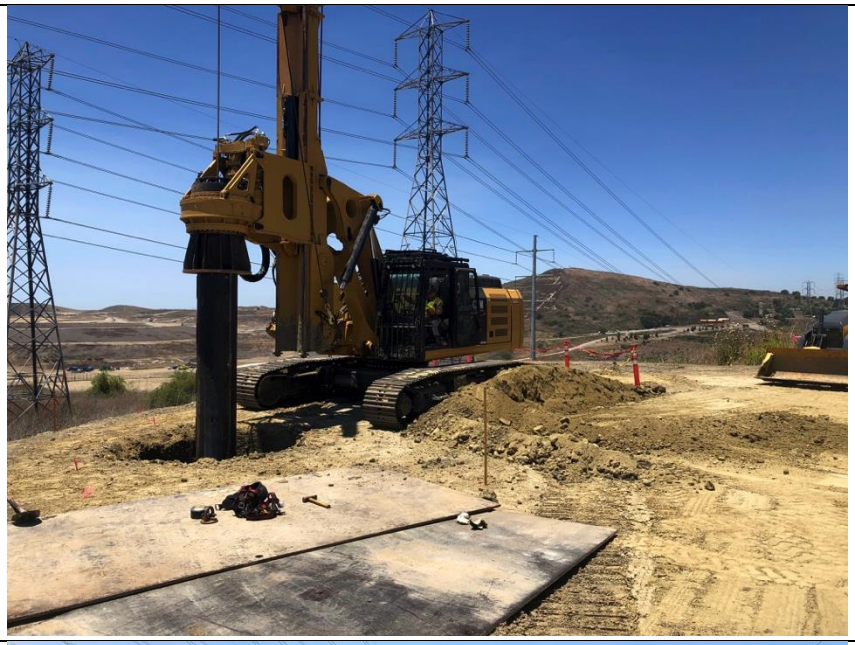
| REPRESENTATIVE SITE PHOTOGRAPHS | | | |
|---|---|---|---|
| **Date** | **Location** | **Photo** | **Description** |
| 06/10/20 | West of San Juan Capistrano Substation – jack and bore site |  | Photo 2 – The bore hole located east of the railroad tracks. Photo facing south. |
| 06/10/20 | West of San Juan Capistrano Substation – jack and bore site |  | Photo 3 – Trash bins within the jack and bore yard were full and overflowing. Photo facing west. |

| REPRESENTATIVE SITE PHOTOGRAPHS | | | |
|---|---|---|---|
| **Date** | **Location** | **Photo** | **Description** |
| 06/10/20 | San Juan Capistrano Substation |  | Photo 4 – Armoring of the northern slope of the substation. Photo facing east. |
| 06/10/20 | San Juan Capistrano Substation |  | Photo 5 – Inside the 138-kV GIS building. |

| REPRESENTATIVE SITE PHOTOGRAPHS | | | |
|---|---|---|---|
| **Date** | **Location** | **Photo** | **Description** |
| 06/10/20 | San Juan Capistrano Substation |  | Photo 6 – Surveyed area near the northeast corner of the 138-kV GIS building. Photo facing west. |
| 06/10/20 | SOCRE transmission corridor |  | Photo 7 – Tower foundation work at tower location 8. Photo facing southwest. |

| REPRESENTATIVE SITE PHOTOGRAPHS | | | |
|---|---|---|---|
| **Date** | **Location** | **Photo** | **Description** |
| 06/10/20 | SOCRE transmission corridor |  | Photo 8 – Pumping water from the foundation hole at tower location 8. |
| 06/10/20 | SOCRE transmission corridor |  | Photo 9 – Equipment within the parkway near tower location 8 where some irrigation pipes were damaged and water had flooded some of the construction area. Photo facing south. |

| REPRESENTATIVE SITE PHOTOGRAPHS | | | |
|---|---|---|---|
| **Date** | **Location** | **Photo** | **Description** |
| 06/10/20 | SOCRE transmission corridor |  | Photo 10 – Staging area near tower location 12 for excess soil from various foundation drillings. Photo facing south. |
| 06/10/20 | SOCRE transmission corridor |  | Photo 11 – Grounding rod installation at tower location 12. Photo facing north. |
| 06/10/20 | SOCRE transmission corridor |  | Photo 12 – Paving the conduit trench within Stallion Ridge Road. Photo facing east. |

| REPRESENTATIVE SITE PHOTOGRAPHS | | | |
|---|---|---|---|
| **Date** | **Location** | **Photo** | **Description** |
| 06/10/20 | SOCRE transmission corridor |  | Photo 13 – Drilling the foundation hole at tower location 25. Photo facing northwest. |
| 06/10/20 | SOCRE transmission corridor |  | Photo 14 – Wall and pad work at tower location 36 with a paleontology/ archaeology monitor onsite. Photo facing northwest. |

| REPRESENTATIVE SITE PHOTOGRAPHS | | | |
|---|---|---|---|
| **Date** | **Location** | **Photo** | **Description** |
| 06/10/20 | SOCRE transmission corridor |  | Photo 15 – Pad work being performed at tower location 34 with soil delivered from the pad work at tower location 36. Photo facing south. |
| 06/10/20 | SOCRE transmission corridor |  | Photo 16 – Street sweeper cleaning the roadway near tower location 34. |

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| **Completed by:** | CPUC/E & E Compliance Monitor |
| **Date:** | 06/15/20 |

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| **Reviewed by:** | Manager |
| **Date:** | 06/15/20 |

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

| | | | |
|---|---|---|---|
| **Project:** | South Orange County Reliability Enhancement (SOCRE) Project | **Date:** | June 18, 2020 |
| **Project Proponent:** | San Diego Gas & Electric (SDG&E) | **Report #:** | VS084 |
| **Lead Agency:** | California Public Utilities Commission (CPUC) | **Monitor(s):** | CPUC/Ecology and Environment, Inc., member of WSP (E & E) Compliance Monitor (CM) |
| **CPUC PM:** | Andrew Barnsdale, Energy Division | **AM/PM Weather:** | Overcast, cool, and calm |
| **CPUC CM (E & E):** | Joe Donaldson | **Start/End time:** | 0600 to 1200 |
| **Project NTP(s):** | Notice to Proceed (NTP)-3, NTP-4, and NTP-6 | | |

SITE INSPECTION CHECKLIST (Based on monitor's observations during site visit; responses do not imply that monitor observed all staff, crews, and parts of the project during this inspection)

| **Safety and Environmental Awareness Program (SEAP)** | Yes | No | N/A |
|---|---|---|---|
| Is the SEAP training in place and does it appear to have been completed by all new hires (construction and monitors)? | X | | |
| **Erosion and Dust Control (Air and Water Quality)** | Yes | No | N/A |
| Have temporary erosion and sediment control measures (Best Management Practices [BMPs]) been installed? | X | | |
| Are erosion and sediment control measures (BMPs) properly installed (without apparent deficiencies) and functioning as intended during rain events? | X | | |
| Are measures in place to avoid/minimize mud tracking onto public roadways, in accordance with the project's Storm Water Pollution Prevention Plan (SWPPP)? | X | | |
| Is dust control being implemented (i.e., access roads watered, haul trucks covered, soil piles are tarped, streets cleaned on a regular basis)? | X | | |
| Are work areas being effectively watered prior to excavation or grading? | X | | |
| Are measures in place to stabilize soils and effectively suppress fugitive dust? | X | | |
| **Equipment** | Yes | No | N/A |
| Are observed vehicles maintaining a speed limit of 15 miles per hour on unpaved roads? | X | | |
| Are observed vehicles/equipment arriving onsite clean of sediment or plant debris? | X | | |
| Are observed vehicles/equipment turned off when not in use? | X | | |
| **Work Areas** | Yes | No | N/A |
| Is exclusionary fencing or flagging in place to protect sensitive biological or cultural resources? | X | | |
| Are observed vehicles, equipment, and construction personnel staying within approved work areas and on approved roads? | X | | |

| | | | |
|---|---|---|---|
| Are excavations and trenches covered at the end of the day? | | X | |
| Are wildlife escape ramps installed at 100-foot intervals with ramps not exceeding 2:1 slopes? | X | | |
| **Biology** | Yes | No | N/A |
| Have preconstruction surveys been completed for biological (coastal California gnatcatcher, least Bell's vireo, southwestern will flycatcher, rare plants) resources, as appropriate? | X | | |
| Are biological monitors present onsite? | X | | |
| Are appropriate measures in place to protect sensitive habitat and/or drainages (i.e., flagging, signage, exclusion fencing, biological monitor, appropriate buffer distance enacted)? | X | | |
| Have wildlife been relocated from work areas? If yes, describe below. | | X | |
| Have impacts occurred to adjacent habitat (sensitive or non-sensitive)? If yes, describe below. | | X | |
| Were any threatened or endangered species observed? If yes, describe below. | | X | |
| If there are wetlands or water bodies near construction activities, are adequate measures in place to avoid impacts on these features? | X | | |
| Have there been any work stoppages for biological resources? If yes, describe below. | X | | |
| **Cultural and Paleontological Resources** | Yes | No | N/A |
| Are identified cultural/paleo resources that will not be relocated/salvaged clearly marked for exclusion? | | | X |
| Are archaeological and paleontological monitors onsite if needed? | X | | |
| Are appropriate buffers maintained around sensitive resources (e.g., cultural sites)? | | | X |
| Have there been any work stoppages for cultural/paleo resources? If yes, describe below. | | X | |
| **Hazardous Materials** | Yes | No | N/A |
| Are hazardous materials that are stored or used onsite properly managed? | X | | |
| Are procedures in place to prevent spills and accidental releases? | X | | |
| Are required fire prevention and control measures in place? | X | | |
| Are contaminated soils properly managed for onsite storage or offsite disposal? | X | | |
| **Work Hours and Noise** | Yes | No | N/A |
| Are required night lighting reduction measures in place? | | | X |
| Is construction occurring within approved hours? | X | | |
| Are required noise control measures in place? | | | X |

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

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

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

I arrived onsite at the La Pata staging area at 0600 to participate in the tailboard meeting (Photo 1). I met with the Environmental Inspector (EI) and we discussed the project activities for the day.

I walked to tower location 25 just outside of the La Pata staging area. The foundation had been poured and a crew was beginning to clean up the site before removing the forms (Photo 2).

The EI and I drove to tower location 23 where a crew had just completed building the wall for a work pad (Photo 3). A water buffalo left onsite did not have a drip pan under the gas engine (Photo 4). I pointed this out to the EI and was sent a photo later in the day showing the equipment with a drip pan. The EI and I heard a least Bell's vireo (*Vireo bellii pusillus*) calling from north of the tower site and we contacted an avian biologist to come inspect the area.

At tower location 36, a crew continued to work on the I-beam support wall for the tower pad (Photo 5). One of the gas generators there required secondary containment. One of the EIs was onsite at this location.

At Stallion Ridge Road, we observed the American kestrel nests (*Falco sparverius*) at tower locations 16 and 17 but did not see the birds. A small crew was doing some vault work within the roadway. A larger crew was working on conduit installation at tower locations 18 and 19 (Photo 6). The EI and I discussed the need to cover of the trench at the end of the day, which was later completed using steel plates. He said the monitoring team ensures any gaps between the plates are sealed with gravel bags or soil. The existing foundation had been removed to a depth of 2 feet below grade (Photo 7).

I stopped at tower location 8 where I observed the new foundation had been poured (Photo 8) and the crew was cleaning up and preparing to move to another site (Photo 9).

At tower location 13, soil from the pad work had overwhelmed the silt fencing at the base of the slope (Photo 10). The EI observed this and we discussed possible solutions, such as wire-backed silt fencing. A crew was drilling foundation holes for the metal I-beams to be used for the support wall (Photo 11). They were working on the third hole, which would be 49 feet deep, according to the foreman. A paleontology monitor was onsite, but did not observe anything of significance in the tailings.

At tower location 5, a drilling rig was excavating the foundation hole (Photo 12). No issues were observed at this location.

At the jack and bore exit hole west of the railroad tracks, a crew was pouring slurry around the pipe in preparation for a second pipe (Photo 13).

At the bore site, the crew had started the second bore hole; work could not stop for the day until the hole reached 80 feet deep (Photo 14). The second bore hole was estimated to be completed between 1700 and 1800 that evening.

I travelled to the substation where a crew continued to armor the northern slope (Photo 15). The crew were also excavating for and installing the grounding wire north of the 138-kV gas-insulated substation (GIS) building (Photo 16).

The final work I observed at the substation was the excavation and conduit installation in the area northeast of the 138-kV GIS building (Photo 17).

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

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

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

Review the nest buffers.

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

Wire-backed silt fencing would be better able to hold rock and soil sloughing down from the work pads.

**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 |
|---|---|---|---|
| 06/18/20 | SOCRE transmission corridor |  | Photo 1 – Morning tailboard meeting at the La Pata staging area. Photo facing east. |

| REPRESENTATIVE SITE PHOTOGRAPHS | | | |
|---|---|---|---|
| **Date** | **Location** | **Photo** | **Description** |
| 06/18/20 | SOCRE transmission corridor |  | Photo 2 – Newly poured foundation at tower location 25. Photo facing northwest. |
| 06/18/20 | SOCRE transmission corridor |  | Photo 3 – Newly constructed wall at tower location 23. Photo facing southwest. |

| REPRESENTATIVE SITE PHOTOGRAPHS | | | |
|---|---|---|---|
| **Date** | **Location** | **Photo** | **Description** |
| 06/18/20 | SOCRE transmission corridor |  | Photo 4 – Equipment without secondary containment. |
| 06/18/20 | SOCRE transmission corridor |  | Photo 5 – Wall and pad work at tower location 36 with one biological monitor present. Photo facing southwest. |

| REPRESENTATIVE SITE PHOTOGRAPHS | | | |
|---|---|---|---|
| **Date** | **Location** | **Photo** | **Description** |
| 06/18/20 | SOCRE transmission corridor |  | Photo 6 – Conduit installation in the area near tower locations 18 and 19. Photo facing south. |
| 06/18/20 | SOCRE transmission corridor |  | Photo 7 – Removal of the existing tower foundation had been completed at tower locations 18 and 19. Photo facing southwest. |

| REPRESENTATIVE SITE PHOTOGRAPHS | | | |
|---|---|---|---|
| **Date** | **Location** | **Photo** | **Description** |
| 06/18/20 | SOCRE transmission corridor |  | Photo 8 – The foundation was installed at tower location 8. Photo facing west. |
| 06/18/20 | SOCRE transmission corridor |  | Photo 9 – Equipment being moved from the parkway near tower location 8. Photo facing south. |
| 06/18/20 | SOCRE transmission corridor |  | Photo 10 – Soil sloughing down from the new pad at tower location 13, overwhelming the silt fencing. Photo facing south. |

| REPRESENTATIVE SITE PHOTOGRAPHS | | | |
|---|---|---|---|
| **Date** | **Location** | **Photo** | **Description** |
| 06/18/20 | SOCRE transmission corridor |   | Photo 11 – Drilling for and installing the I-beams at tower location 13. Photo facing south. |
| 06/18/20 | SOCRE transmission corridor |  | Photo 12 – Drilling the foundation hole at tower location 5. Photo facing south. |
| 06/18/20 | West of San Juan Capistrano Substation – jack and bore site |   | Photo 13 – Jack and bore exit hole work west of the railroad tracks. Photo facing east. |

| REPRESENTATIVE SITE PHOTOGRAPHS | | | |
|---|---|---|---|
| **Date** | **Location** | **Photo** | **Description** |
| 06/18/20 | West of San Juan Capistrano Substation – jack and bore site |  | Photo 14 – The bore hole located east of the railroad tracks. Photo facing southwest. |
| 06/18/20 | San Juan Capistrano Substation |  | Photo 15 – Armoring the northern slope of the substation. Photo facing northwest. |

| REPRESENTATIVE SITE PHOTOGRAPHS | | | |
|---|---|---|---|
| **Date** | **Location** | **Photo** | **Description** |
| 06/18/20 | San Juan Capistrano Substation |  | Photo 16 – Grounding wire installation north of the 138-kV GIS building. Photo facing west. |
| 06/18/20 | San Juan Capistrano Substation |  | Photo 17 – Excavation and conduit installation in the area northeast of the 138-kV GIS building. Photo facing east. |

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| **Completed by:** | CPUC/E & E Compliance Monitor |
| **Date:** | 06/23/20 |

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| **Reviewed by:** | Manager |
| **Date:** | 06/24/20 |

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

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|---|---|---|---|
| **Project:** | South Orange County Reliability Enhancement (SOCRE) Project | **Date:** | June 25, 2020 |
| **Project Proponent:** | San Diego Gas & Electric (SDG&E) | **Report #:** | VS085 |
| **Lead Agency:** | California Public Utilities Commission (CPUC) | **Monitor(s):** | CPUC/Ecology and Environment, Inc., member of WSP (E & E) Compliance Monitor (CM) |
| **CPUC PM:** | Andrew Barnsdale, Energy Division | **AM/PM Weather:** | Overcast, cool, and calm |
| **CPUC CM (E & E):** | Joe Donaldson | **Start/End time:** | 0630 to 1230 |
| **Project NTP(s):** | Notice to Proceed (NTP)-3, NTP-4, and NTP-6 | | |

SITE INSPECTION CHECKLIST (Based on monitor's observations during site visit; responses do not imply that monitor observed all staff, crews, and parts of the project during this inspection)

| **Safety and Environmental Awareness Program (SEAP)** | Yes | No | N/A |
|---|---|---|---|
| Is the SEAP training in place and does it appear to have been completed by all new hires (construction and monitors)? | X | | |
| **Erosion and Dust Control (Air and Water Quality)** | Yes | No | N/A |
| Have temporary erosion and sediment control measures (Best Management Practices [BMPs]) been installed? | X | | |
| Are erosion and sediment control measures (BMPs) properly installed (without apparent deficiencies) and functioning as intended during rain events? | X | | |
| Are measures in place to avoid/minimize mud tracking onto public roadways, in accordance with the project's Storm Water Pollution Prevention Plan (SWPPP)? | X | | |
| Is dust control being implemented (i.e., access roads watered, haul trucks covered, soil piles are tarped, streets cleaned on a regular basis)? | X | | |
| Are work areas being effectively watered prior to excavation or grading? | X | | |
| Are measures in place to stabilize soils and effectively suppress fugitive dust? | X | | |
| **Equipment** | Yes | No | N/A |
| Are observed vehicles maintaining a speed limit of 15 miles per hour on unpaved roads? | X | | |
| Are observed vehicles/equipment arriving onsite clean of sediment or plant debris? | X | | |
| Are observed vehicles/equipment turned off when not in use? | X | | |
| **Work Areas** | Yes | No | N/A |
| Is exclusionary fencing or flagging in place to protect sensitive biological or cultural resources? | X | | |
| Are observed vehicles, equipment, and construction personnel staying within approved work areas and on approved roads? | X | | |

| | | | |
|---|---|---|---|
| Are excavations and trenches covered at the end of the day? | | X | |
| Are wildlife escape ramps installed at 100-foot intervals with ramps not exceeding 2:1 slopes? | X | | |
| **Biology** | Yes | No | N/A |
| Have preconstruction surveys been completed for biological (coastal California gnatcatcher, least Bell's vireo, southwestern will flycatcher, rare plants) resources, as appropriate? | X | | |
| Are biological monitors present onsite? | X | | |
| Are appropriate measures in place to protect sensitive habitat and/or drainages (i.e., flagging, signage, exclusion fencing, biological monitor, appropriate buffer distance enacted)? | X | | |
| Have wildlife been relocated from work areas? If yes, describe below. | | X | |
| Have impacts occurred to adjacent habitat (sensitive or non-sensitive)? If yes, describe below. | | X | |
| Were any threatened or endangered species observed? If yes, describe below. | | X | |
| If there are wetlands or water bodies near construction activities, are adequate measures in place to avoid impacts on these features? | X | | |
| Have there been any work stoppages for biological resources? If yes, describe below. | X | | |
| **Cultural and Paleontological Resources** | Yes | No | N/A |
| Are identified cultural/paleo resources that will not be relocated/salvaged clearly marked for exclusion? | | | X |
| Are archaeological and paleontological monitors onsite if needed? | X | | |
| Are appropriate buffers maintained around sensitive resources (e.g., cultural sites)? | | | X |
| Have there been any work stoppages for cultural/paleo resources? If yes, describe below. | | X | |
| **Hazardous Materials** | Yes | No | N/A |
| Are hazardous materials that are stored or used onsite properly managed? | X | | |
| Are procedures in place to prevent spills and accidental releases? | X | | |
| Are required fire prevention and control measures in place? | X | | |
| Are contaminated soils properly managed for onsite storage or offsite disposal? | X | | |
| **Work Hours and Noise** | Yes | No | N/A |
| Are required night lighting reduction measures in place? | | | X |
| Is construction occurring within approved hours? | X | | |
| Are required noise control measures in place? | | | X |

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

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

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

I arrived onsite at the La Pata staging area at 0630 and attended the KV Structures and PAR tailboard meetings at 0700. The main topic of both tailboard meetings was reporting, specifically immediately reporting all incidents no matter the severity. I spoke at both meetings confirming that incidents need to be reported immediately rather than weeks later.

I met with the acting Lead Environmental Inspector (LEI) and reviewed the construction schedule for the day. We discussed the day's activities and environmental issues with the applicant's environmental coordinator. The acting LEI pointed out that most of the flat aluminum drip pans were substituted for a deeper, black plastic type.

The acting LEI and I headed to tower location 36 where a crew was getting ready to begin excavating soil from the pad below the newly installed wall (Photo 1). Three juvenile red-tailed hawks (*Buteo jamaicensis*) were sitting in the towers around the site; they were likely from the nearby nest. Their presence prompted a conversation with the crew about birds of prey.

We walked to tower location 37, where surveying had begun in preparation for pad grading (Photo 2). The acting LEI said a nesting bird survey had been conducted several days ago that did not identify any new nests.

We headed to tower location 34 where a crew was preparing the pad for the tower drilling operation (Photo 3). A survey crew was onsite and another crew was installing a brow ditch that leads to a headwall (Photo 4). I asked the acting LEI why such extensive work was being conducted and he said the largest tower foundation of the project would be built at this location and groundwater was expected during drilling. An avian biologist was onsite but did not observe any nesting birds. The avian biologist headed to tower location 32 where a kingbird (*Tyrannus verticalis*) was nesting in an adjacent tower.

We travelled to tower location 32 where a crew was working on a brow ditch above the new tower pad. The slope shown in Photo 5 will be sloped back to the brow ditch to expand the pad. The avian biologist said the kingbirds do not seem adversely affected by the construction activities, even with the nest buffer reduced to 45 feet. Although there were no signs or ropes indicating the nest buffer limit, this did not appear to pose a problem since the vegetation was thick and the topography was steep within the buffer. The acting LEI had a discussion with the construction team about the construction activities since it was not listed on the daily schedule.

The acting LEI and I drove to tower location 23 where the drilling crew was pouring the tower foundation (Photo 6). A concrete washout basin was nearby and well contained (Photo 7).

We drove by Stallion Ridge Road where a crew was working on a vault within the roadway. Avian biologists were stationed near the three American kestrel (*Falco sparverius*) nests located near tower locations 14, 15, 16, and 17. Chicks at tower location 14 have fledged and the chicks at tower location15 were in the process of fledging. The biologists estimated that the chicks at tower locations 16 and 17 would be fledging within the week.

At tower location 13, work continued on drilling, installing, and pouring the wall I-beams. Due to limited access, they were only installing one beam per day. A paleontology monitor was onsite spot checking the excavation activities.

I stopped at tower location 8 where a crew was preparing to erect the tubular steel pole (TSP) (Photo 8).

No activity was occurring at the jack and bore exit hole west of the railroad tracks (Photo 9). Everything seemed to be safely closed off. At the jack and bore entry hole, the crew had successfully completed the second bore and workers were performing welding (Photo 10). I met another of the Environmental Inspectors (EIs) and then headed to the substation.

The majority of the armor work on the northern slope had been completed (Photo 11). Construction was focused on installing conduit connecting the 138-kilovolt (kV) gas-insulated substation (GIS) building to the new 138-kV substation that would be built where the existing one is located (Photos 12 and 13). I noted that the trench in Photo 13 should have a sloped exit ramp installed and discussed this with the EI. He sent me a photo later in the day showing a sloped exit ramp had been installed there.

Photo 14 shows an overview of the southern portion of the substation site.

**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)

Check the work schedule and review the nest buffers.

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

Trenches need to include slopes that function as wildlife exit ramps. The crews are focused on using climbing structures which should only be used in situations where sloped wildlife exit ramps in trenches are very difficult or not feasible to construct.

**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 |
|---|---|---|---|
| 06/25/20 | SOCRE transmission corridor |  | Photo 1 – Pad construction at tower location 36. Photo facing west. |

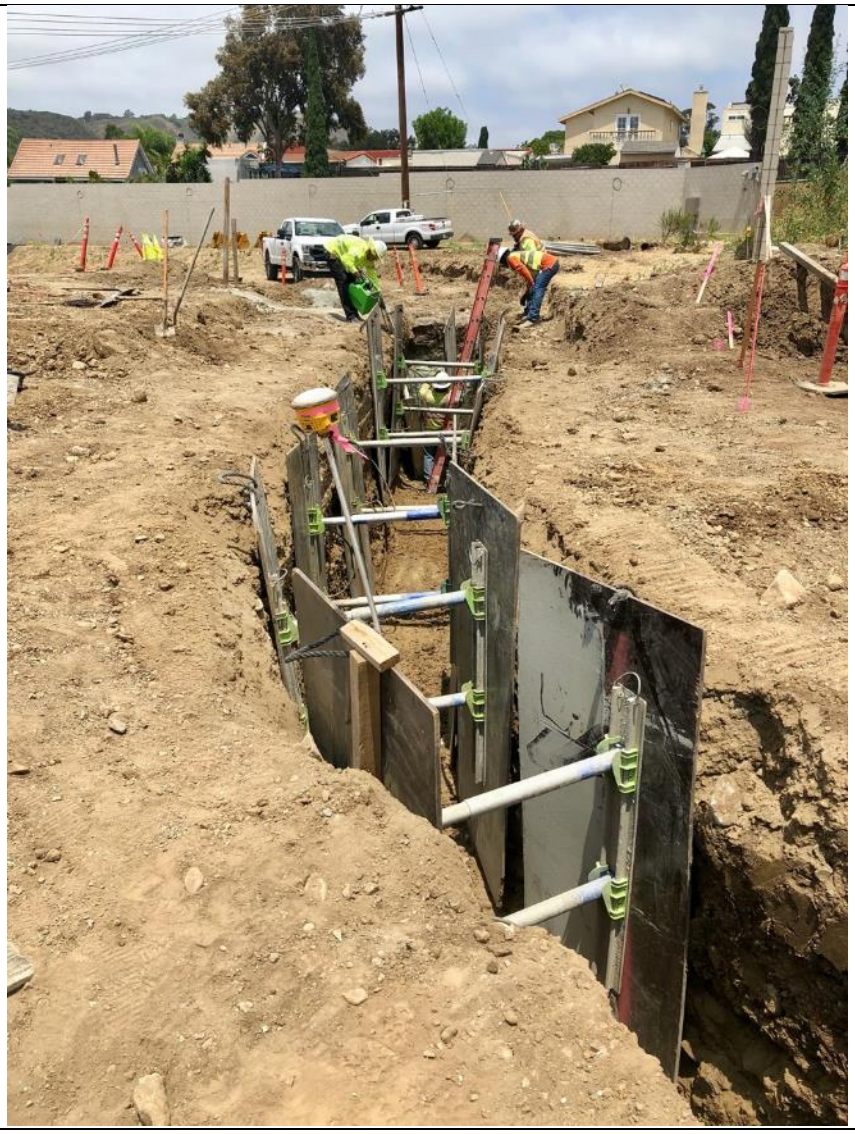
| REPRESENTATIVE SITE PHOTOGRAPHS | | | |
|---|---|---|---|
| **Date** | **Location** | **Photo** | **Description** |
| 06/25/20 | SOCRE transmission corridor |  | Photo 2 – Tower location 37 had been surveyed in preparation for grading the work pad. Photo facing south. |
| 06/25/20 | SOCRE transmission corridor |  | Photo 3 – Pad construction at tower location 34. Photo facing southeast. |

| REPRESENTATIVE SITE PHOTOGRAPHS | | | |
|---|---|---|---|
| **Date** | **Location** | **Photo** | **Description** |
| 06/25/20 | SOCRE transmission corridor |  | Photo 4 – Brow ditch construction at tower location 34. |
| 06/25/20 | SOCRE transmission corridor |  | Photo 5 – Pad work at tower location 32. Photo facing southwest. |

| REPRESENTATIVE SITE PHOTOGRAPHS | | | |
|---|---|---|---|
| **Date** | **Location** | **Photo** | **Description** |
| 06/25/20 | SOCRE transmission corridor |  | Photo 6 – Pouring the foundation for tower location 23. Photo facing east. |
| 06/25/20 | SOCRE transmission corridor |  | Photo 7 – Concrete washout station near tower location 23. Photo facing east. |
| 06/25/20 | SOCRE transmission corridor |  | Photo 8 –TSP erection at tower location 8. Photo facing northwest. |

| REPRESENTATIVE SITE PHOTOGRAPHS | | | |
|---|---|---|---|
| **Date** | **Location** | **Photo** | **Description** |
| 06/25/20 | West of San Juan Capistrano Substation – jack and bore site |  | Photo 9 – Jack and bore exit hole west of the railroad tracks. Photo facing southwest. |
| 06/25/20 | West of San Juan Capistrano Substation – jack and bore site |  | Photo 10 – Jack and bore entry hole east of the railroad tracks. |

| REPRESENTATIVE SITE PHOTOGRAPHS | | | |
|---|---|---|---|
| **Date** | **Location** | **Photo** | **Description** |
| 06/25/20 | San Juan Capistrano Substation |  | Photo 11 – Armoring of the northern slope in progress. Photo facing west. |
| 06/25/20 | San Juan Capistrano Substation |  | Photo 12 – Excavation and conduit installation in the northeast corner of the substation near the 138-kV GIS building. Photo facing east. |

| REPRESENTATIVE SITE PHOTOGRAPHS | | | |
|---|---|---|---|
| **Date** | **Location** | **Photo** | **Description** |
| 06/25/20 | San Juan Capistrano Substation |  | Photo 13 – Conduit trenching and installation. Photo facing north. |

| REPRESENTATIVE SITE PHOTOGRAPHS | | | |
|---|---|---|---|
| **Date** | **Location** | **Photo** | **Description** |
| 06/25/20 | San Juan Capistrano Substation |  | Photo 14 – Overview of the southern portion of the substation work. Photo facing west. |

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|---|---|
| **Completed by:** | CPUC/E & E Compliance Monitor |
| **Date:** | 07/1/20 |

| | |
|---|---|
| **Reviewed by:** | Manager |
| **Date:** | 07/01/20 |