

June 8, 2020

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

Re: Monthly Report Summary #30 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 **April 1 to 30, 2020**, for the South Orange County Reliability Enhancement (SOCRE) Project in Orange County, California. Compliance monitoring was performed four times between April 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 April 3, 15, 22, and 29, 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 April 2020 were covered under NTP-3, NTP-4, NTP-5, and NTP-6. Construction activities during April 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; conducting inspections and surveys; trenching, installation, and backfill for the 138-kV gas-insulated substation (GIS) underground conduit; installation and backfill for underground security ducts; concrete repairs at the former utility structure; brow ditch construction; construction of the 12-kV transformer containment basin; construction of the 138-kV GIS building control shelter; Phase I grounding work; trenching for the 138-kV underground lines; installation and backfill of conduit for underground 138-kV lines; trenching, installation, backfill, and paving for the 12-kV underground line at Rancho Viejo; installing I-5 crossing guard structures; installation of 12-kV cable poles in Serra Park; preparation of the staging area at Avenida La Pata; installing BMPs; excavating street vaults; drilling foundations; stabilizing the north slope and installing drainage; and prepping bore pit area. In addition, SDG&E conducted routine inspection, maintenance, and monitoring activities between April 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 management practice (BMP) deficiencies or potential non-compliance incidents. No deficiencies in SWPPP BMPs were observed or documented during April 2020. SDG&E conducted monitoring, as applicable, for cultural, paleontological, and biological resources, as well as for Native American concerns.

Project compliance during the April 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 April 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, and MPR-6.

Compliance Incidents

No compliance incidents were reported during April 2020.

Public Concerns

No public complaints were received during April 2020.

Minor Approvals

Two minor approvals occurred during April 2020. MPR-5 was approved on April 8, 2020, and MPR-6 was approved on April 28, 2020. MPR-5 is intended for the use of an extended temporary work area around the existing work area for new transmission standard pole 10 (Location 10) and existing pole Z630977 at Tar Farms Stables in the City of San Juan Capistrano. MPR-6 is intended for the use of an additional temporary work area adjacent to the existing work area for new transmission

Mr. Andrew Barnsdale

June 3, 2020

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standard pole 09 (Location 09) and existing pole Z327355 at Russell Cook Park in the City of San Juan Capistrano.

Sincerely,

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

Joseph Donaldson

CPUC Compliance Manager, Ecology and Environment, Inc.

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

ATTACHMENT 1

CPUC Site Inspection Reports

April 3, 15, 22, and 29, 2020



South Orange County Reliability Enhancement Project CPUC Site Inspection Form

| | | | |
|-----------------------------|---|------------------------|---|
| Project: | South Orange County Reliability Enhancement (SOCRE) Project | Date: | April 3, 2020 |
| Project Proponent: | San Diego Gas & Electric (SDG&E) | Report #: | VS074 |
| 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: | Mostly sunny, cool, with a slight breeze |
| CPUC CM (E & E): | Joe Donaldson | Start/End time: | 1130 to 1515 |
| Project NTP(s): | Notice to Proceed (NTP)-3, NTP-4, NTP-5, and NTP-6 | | |

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

| 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 1130. I observed that work within Camino Capistrano near the substation continues with crews using equipment to install a communications vault near one of the power poles, paving over some of the trenches (Photo 1), and continuing some trenching work further to the north (Photo 2).

A small team was spraying the northern boundary wall with a combination of weather sealant and anti-graffiti solution (Photo 3).

A majority of the underground work has been completed around the switch racks and the transformer foundations; crews were delivering road base to the area and compacting it (Photo 4).

The SDG&E project manager was onsite and we discussed the project status and possible BMP upgrades. Rainy weather was predicted for most of the following week.

The Environmental Inspector (EI) and I walked through the substation inspecting the BMPs and construction activities. We discussed possible upgrades to the catch basin located near the southwestern corner of the project site (Photo 5). This catch basin has performed well to capture sediment, but is now nearly two thirds full. The EI will be closely monitoring the stormwater runoff and will ensure the catch basin is upgraded as needed.

The project road east and upslope from the catch basin had some worn straw wattles across it; it was noted that these were to be replaced with new wattles before crews leave at the end of the day (Photo 6).

I observed that equipment installation continues within the 138-kilovolt (kV) gas-insulated substation (GIS) building (Photo 7).

Work on the boundary wall continues with electrical equipment installed and trenches poured with slurry (Photo 8).

I travelled to Avenida La Pata laydown yard and met with the Lead Environmental Investigator (LEI). We discussed the nesting bird issues and drove to tower location 34 (Photo 9). This area has a nesting pair of red-tailed hawks (*Buteo jamaicensis*), a nesting pair of bushtits (*Psaltriparus minimus*), a nesting pair of northern mockingbirds (*Mimus polyglottos*), and now a nesting pair of California gnatcatchers (*Polioptila californica*). The avian biologist joined us at the site and showed us the general vicinity where the gnatcatchers are nesting. The gnatcatchers were seen and heard near the nest site, along with a Least Bell's vireo (*Vireo bellii pusillus*) and a yellow-breasted chat (*Icteria virens*) calling from the adjacent riparian corridor. We observed the possible nest buffer for the gnatcatchers, evaluating the distances and the sight lines between the nest location and the work area.

I exited the site at 1515 through the southern project footprint gate.

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

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

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

COMPLIANCE SUGGESTIONS OR ADDITIONAL OBSERVATIONS (i.e., suggestions to improve compliance 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 |
|----------|--------------------------------|--|--|
| 04/03/20 | San Juan Capistrano Substation |  | Photo 1 – Paving work along Camino Capistrano. Photo facing south. |

| REPRESENTATIVE SITE PHOTOGRAPHS | | | |
|---------------------------------|--------------------------------|---|--|
| Date | Location | Photo | Description |
| 04/03/20 | San Juan Capistrano Substation |  | Photo 2 – Trenching within Camino Capistrano. Photo facing south. |
| 04/03/20 | San Juan Capistrano Substation |  | Photo 3 – Crew applying sealant to the northern boundary wall. Photo facing north. |


REPRESENTATIVE SITE PHOTOGRAPHS

| Date | Location | Photo | Description |
|----------|--------------------------------|--|--|
| 04/03/20 | San Juan Capistrano Substation |  | <p>Photo 4 – Road base being transported into the area around the switch racks and the transformer foundations. Photo facing south.</p> |
| 04/03/20 | San Juan Capistrano Substation |  | <p>Photo 5 – Rock-filled catch basin located at the southwestern corner of the substation showing sediment nearly filling the catch basin. Photo facing southwest.</p> |
| 04/03/20 | San Juan Capistrano Substation |  | <p>Photo 6 – BMPs along this portion of the southern access road will be upgraded with new straw wattles. Photo facing north.</p> |

REPRESENTATIVE SITE PHOTOGRAPHS

| Date | Location | Photo | Description |
|-------------|--------------------------------|---|---|
| 04/03/20 | San Juan Capistrano Substation |  A large industrial building with a high ceiling and concrete floor. In the foreground, a worker in a yellow safety vest is kneeling next to a large metal cabinet labeled 'MEPPI'. In the background, several large, cylindrical gas-insulated switchgear (GIS) units are mounted on metal frames. A forklift is visible near the open bay door on the left. | Photo 7 – Inside the 138-kV GIS building. Photo facing west. |
| 04/03/20 | San Juan Capistrano Substation |  An exterior view of a light-colored concrete block wall. A black electrical cabinet is mounted on the wall. A concrete path leads from the wall towards the foreground. To the right, there are several orange and white safety bollards and a stack of white pipes. The ground is dirt with some green weeds. | Photo 8 – Electrical equipment attached to the boundary wall in the northeast corner of the substation. Photo facing northeast. |

REPRESENTATIVE SITE PHOTOGRAPHS

| Date | Location | Photo | Description |
|----------|-----------------------------|--|--|
| 04/03/20 | SOCRE transmission corridor |  | Photo 9 – Tower location 34. Photo facing south. |

| | |
|----------------------|-------------------------------|
| Completed by: | CPUC/E & E Compliance Monitor |
| Date: | 04/10/2020 |

| | |
|---------------------|------------|
| Reviewed by: | Manager |
| Date: | 04/10/2020 |



South Orange County Reliability Enhancement Project CPUC Site Inspection Form

| | | | |
|-----------------------------|---|------------------------|---|
| Project: | South Orange County Reliability Enhancement (SOCRE) Project | Date: | April 15, 2020 |
| Project Proponent: | San Diego Gas & Electric (SDG&E) | Report #: | VS075 |
| 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: | 1045 to 1430 |
| Project NTP(s): | Notice to Proceed (NTP)-3, NTP-4, NTP-5, and NTP-6 | | |

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

| 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 1045. I did not conduct a site inspection during the previous week (April 6 to 10, 2020) because most of the work was suspended due to wet conditions. According to one of the Environmental Inspectors (EIs), about 0.5 inches of rain fell on the site during the week, with an additional 2 inches falling on April 10, 2020.

I observed that work continues within Camino Capistrano, with a large quantity of materials stockpiled in the area between the roadway and the existing utility structure (Photo 1) and trenching continuing in the street (Photo 2). The Lead Environmental Investigator (LEI) stated cultural resource and paleontology monitors were not needed because of the extensive underground work already completed in the area.

An EI was onsite on April 10, 2020, to monitor the rainwater runoff and add additional BMPs as needed (Photo 3). The catch basin near the southwestern corner of the substation was upgraded by excavating the existing rock and captured sediment and adding new rock (Photo 4). New wattles were added along the access road south of the 138-kilovolt (kV) gas-insulated substation (GIS) building (Photo 5). The EI stated that rainwater runoff did not enter the public roadway.

I observed that equipment installation continues within the 138-kV GIS building (Photo 6).

A line crew was onsite working to connect power to the 138-kV GIS building (Photo 7). This will allow removal of the diesel-powered generators.

The LEI and I travelled in separate vehicles to the transmission corridor work sites. We stopped at tower location 10 where crews were beginning to drill the tower foundation hole (Photo 8). The foundation hole will be large, requiring extra measures to ensure its integrity. The approved extra workspace was being utilized by three large baker tanks and the drill equipment. A large metal culvert pipe has been staged onsite; it will be used to stabilize the hole while the drilling is conducted. One of the baker tanks was used to mix the drilling muds (Photo 9). Silt fencing lines the edge of the riparian corridor. The area was very dusty, so I recommended dust control measures around the work area and parking area.

The LEI and I travelled to the access road and laydown area for tower locations 11 and 12. The access road runs through a gated community and then enters a dirt road, which has rumble plates, sandbags, and wattles installed (Photo 10). The laydown area was being mowed (Photo 11) and, according to the LEI, two biologists had inspected the area for wildlife earlier that day. I walked through a portion of the area to be mowed and found no wildlife or nesting birds.

At Stallion Ridge, a road crew was installing a conduit vault within the roadway (Photo 12). A cultural resource monitor was onsite monitoring the trenching activity. Traffic control was in place to manage the traffic travelling to and from the high school.

We inspected the work being performed at tower locations 16 and 17, where the foundations have been set and poured (Photo 13). The LEI pointed out the approximate location of a new California gnatcatcher (*Polioptila californica*) nest recently discovered on the slope between tower location 15 and tower locations 16 and 17.

At tower locations 18 and 19, one of the foundations has been set and poured (Photo 14). A crew was beginning to pour the second tower foundation. They had installed the rebar cage and the other equipment, and were currently waiting for the concrete trucks. A biological monitor was onsite inspecting the area and other nearby work areas.

Our final stop was at tower location 34, where an avian biologist was overseeing the installation of travelers and construction traffic in the area. According to the avian biologist, the red-tailed hawk (*Buteo jamaicensis*) chicks have hatched and the California gnatcatchers (*Polioptila californica*) continue building their nest. An abundance of bird species is found the area, which we both heard and saw, including Least Bell's vireos (*Vireo bellii pusillus*), Wilson's warblers (*Cardellina pusilla*), white-crowned sparrows (*Zonotrichia leucophrys*), song sparrows (*Melospiza melodia*), Anna's hummingbirds (*Calypte anna*), and ash-throated flycatchers (*Myiarchus cinerascens*).

I concluded my site inspection and exited the site at 1430.

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

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

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

COMPLIANCE SUGGESTIONS OR ADDITIONAL OBSERVATIONS (i.e., suggestions to improve compliance 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 |
|----------|--------------------------------|--|--|
| 04/15/20 | San Juan Capistrano Substation |  | Photo 1 – Equipment staging area for work along Camino Capistrano. Photo facing south. |

| REPRESENTATIVE SITE PHOTOGRAPHS | | | |
|---------------------------------|--------------------------------|---|--|
| Date | Location | Photo | Description |
| 04/15/20 | San Juan Capistrano Substation |  | Photo 2 – Trenching within Camino Capistrano. Photo facing south. |
| 04/15/20 | San Juan Capistrano Substation |  | Photo 3 – BMPs and captured sediment along the northern access roadway. Photo facing east. |




REPRESENTATIVE SITE PHOTOGRAPHS

| Date | Location | Photo | Description |
|-------------|--------------------------------|--|--|
| 04/15/20 | San Juan Capistrano Substation |  A photograph showing a newly installed catch basin. The basin is a rectangular concrete structure with a gravel bed inside. It is surrounded by a layer of large, light-colored rocks. In the background, there are trees and a utility building. | Photo 4 – Upgraded catch basin at the southwestern corner of the substation. Photo facing southwest. |
| 04/15/20 | San Juan Capistrano Substation |  A photograph showing a dirt access road with upgraded Best Management Practices (BMPs). The road is bordered by concrete walls on both sides. There are orange traffic cones and a black container covered with a tarp on the left. In the background, there are power lines and a utility building. | Photo 5 – Upgraded BMPs along a portion of the southern access road. Photo facing east. |




REPRESENTATIVE SITE PHOTOGRAPHS

| Date | Location | Photo | Description |
|-------------|--------------------------------|--|--|
| 04/15/20 | San Juan Capistrano Substation |  A photograph showing the interior of a large industrial building. The space is filled with complex electrical equipment, including several large, cylindrical gas-insulated switchgear (GIS) units mounted on metal frames. The units are interconnected with various pipes and electrical components. In the foreground, there are large coils of yellow and blue cables. The floor is concrete, and the ceiling has exposed structural beams and lighting fixtures. | Photo 6 – Inside the 138-kV GIS building. Photo facing west. |
| 04/15/20 | San Juan Capistrano Substation |  An outdoor photograph of a utility site. A white utility truck with a bucket lift is parked on a dirt area. In the background, there are power lines and a wooden utility pole. To the right, there is a concrete retaining wall on a slight slope. A large wooden spool is visible in the foreground on the right. The sky is clear and blue. | Photo 7 – A line crew working on the power lines within the substation. Photo facing west. |

REPRESENTATIVE SITE PHOTOGRAPHS

| Date | Location | Photo | Description |
|----------|--|--|--|
| 04/15/20 | Transmission line route, tower location 10 |  | Photo 8 – Tower location 10, where crews have delivered the drilling equipment and baker tanks. Photo facing northeast. |
| 04/15/20 | Transmission line route, tower location 10 |  | Photo 9 – A baker tank at tower location 10. Photo facing north. |
| 04/15/20 | SOCRE transmission corridor |  | Photo 10 – Rumble plate, sandbags and wattles were placed within the access road to tower locations 11 and 12. Photo facing southeast. |

REPRESENTATIVE SITE PHOTOGRAPHS

| Date | Location | Photo | Description |
|-------------|-----------------------------|--|--|
| 04/15/20 | SOCRE transmission corridor |  | Photo 11 – Staging area located between tower locations 11 and 12 being mowed. Photo facing south. |
| 04/15/20 | SOCRE transmission corridor |  | Photo 12 – Excavation for a vault within Stallion Ridge Road. Photo facing west. |
| 04/15/20 | SOCRE transmission corridor |  | Photo 13 – New foundations for tower locations 16 and 17. Photo facing southwest. |

REPRESENTATIVE SITE PHOTOGRAPHS

| Date | Location | Photo | Description |
|----------|-----------------------------|--|--|
| 04/15/20 | SOCRE transmission corridor |  | Photo 14 – Crews setting up to pour an additional tower foundation at tower locations 18 and 19. Photo facing south. |

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|----------------------|-------------------------------|
| Completed by: | CPUC/E & E Compliance Monitor |
| Date: | 04/20/2020 |

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| Reviewed by: | Manager |
| Date: | 04/20/2020 |



South Orange County Reliability Enhancement Project CPUC Site Inspection Form

| | | | |
|-----------------------------|---|------------------------|---|
| Project: | South Orange County Reliability Enhancement (SOCRE) Project | Date: | April 22, 2020 |
| Project Proponent: | San Diego Gas & Electric (SDG&E) | Report #: | VS076 |
| 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 mild, with a slight breeze |
| CPUC CM (E & E): | Joe Donaldson | Start/End time: | 1045 to 1530 |
| Project NTP(s): | Notice to Proceed (NTP)-3, NTP-4, NTP-5, and NTP-6 | | |

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

| 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 1045. I observed that jack and bore work was underway between the railroad tracks and Camino Capistrano. A crew was clearing vegetation and pulling some tree stumps to reroute a walking path through the area (Photo 1). Cultural resources and paleontology monitors were inspecting the excavation work being performed near the ground surface. A crew was also working within Camino Capistrano paving some of the excavations (Photo 2). Traffic control was in place and the crews were keeping within the approved work hours.

Within the substation, the transformers are now on foundations (Photo 3). The refrigeration units for the top of the transformers still need to be installed. Materials are now being stockpiled along the southern access road and, according to the Environmental Inspector (EI), the project entrance will change to the southern gate (Photo 4). Equipment installation continues within the 138-kilovolt (kV) gas-insulated substation (GIS) building (Photo 5).

The EI and I drove separate vehicles to the transmission corridor work areas. We travelled to the Sierra Park laydown yard for an inspection and found everything in order (Photo 6). A crew was installing six temporary wooden poles on either side of Interstate 5 in preparation for stringing wire (Photo 7). The poles will be used as a guard structure to keep the wire off the roadway. The sixth hole was being drilled when I arrived (Photo 8). I checked for nesting birds since several had nested in this area last year, but did not locate any nests. The EI said a nesting bird survey was completed at the location prior to the start of work.

We stopped at tower location 10, where crews have been drilling the tower foundation hole (Photo 9) and have nearly completed it to the desired depth of 75 to 80 feet. The extra workspace approved for this site was utilized for construction vehicles and equipment around the drill site (Photos 10 and 11). Drip pans were under all parked construction equipment. A drilling mixture was being pumped into the hole to stabilize the walls, with any remainder to be used at other drill sites. The cultural resources and paleontology monitor arrived while I was onsite, and we discussed the various areas of excavation being monitored. Nothing of concern was found at tower location 10; however, interesting soil was noted at a depth between 40 and 60 feet. The work area was dusty, so I recommended extra dust control measures. A street sweeper was cleaning the public roads.

The soil and mud that came up during the drilling operation were loaded onto trucks and dumped at the newly mowed staging area near tower locations 11 and 12 (Photo 12). Several bird nests had been discovered near tower locations 11 and 12, close to the access road and staging area; the nest buffers did not restrict work in those areas. Some environmentally sensitive area (ESA) signs were installed at the edge of the nest buffers and I spoke with the EI about adding additional lath stakes and colored flagging tape to further delineate the nest buffer. The EI said he would follow up with this request.

The work at Stallion Ridge Road included trenching down the middle of the road (Photo 13). Cultural resource monitors were onsite observing the trenching activity. Some additional tie-in work was being completed near Stallion Ridge Road, close to tower locations 16 and 17 (Photo 14). I observed a known bushtit (*Psaltriparus minimus*) nest near this tie-in and noted birds coming from and going to the nest. An avian biologist was onsite due to the number of bird nests in the area. I also examined tower locations 18 and 19, where the foundations had been poured and one former tower had been removed (Photo 15). The EI requested additional BMP work at this site.

My final stop was at tower locations 21 and 22. The tower foundation for 22 had already been poured (Photo 16). A crew was grading the tower pad at tower location 21, while an avian biologist oversaw construction (Photo 17). According to the avian biologist, red-tailed hawk (*Buteo jamaicensis*) chicks were present in the nest and were not disturbed by the construction activities. A California gnatcatcher (*Polioptila californica*) was building a nest in a small tree southwest of the work area that is not visible from the construction site. Both nests have buffer boundaries delineated by signs (Photo 18). I suggested adding lath and flagging to this location.

I completed my site inspection and exited the site at 1530.

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 on the nest buffer lath and flagging at tower locations 21 and 22, as well as tower locations 11 and 12.

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

Add some additional lath and flagging to delineate the nest buffer boundaries, especially near work areas and access roads.


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 |
|----------|--------------------------------|--|--|
| 04/22/20 | San Juan Capistrano Substation |  | Photo 1 – Equipment clearing the jack and bore area between the railroad tracks and Camino Capistrano. Photo facing south. |

| REPRESENTATIVE SITE PHOTOGRAPHS | | | |
|---------------------------------|--------------------------------|--|--|
| Date | Location | Photo | Description |
| 04/22/20 | San Juan Capistrano Substation |  | Photo 2 – Paving being placed within Camino Capistrano. Photo facing north. |
| 04/22/20 | San Juan Capistrano Substation |  | Photo 3 – Installation of transformers. Photo facing south. |
| 04/22/20 | San Juan Capistrano Substation |  | Photo 4 – Staged materials along the southern substation access road. Photo facing east. |

REPRESENTATIVE SITE PHOTOGRAPHS

| Date | Location | Photo | Description |
|-------------|--------------------------------|---|--|
| 04/22/20 | San Juan Capistrano Substation |  | Photo 5 – Inside the 138-kV GIS building. |
| 04/22/20 | SOCRE transmission corridor |  | Photo 6 – The Sierra Park staging area. Photo facing west. |



REPRESENTATIVE SITE PHOTOGRAPHS


| Date | Location | Photo | Description |
|-------------|-----------------------------|---|--|
| 04/22/20 | SOCRE transmission corridor |  | Photo 7 – Line crews installing wooden poles for a guard structure over Interstate 5. Photo facing southeast. |
| 04/22/20 | SOCRE transmission corridor |  | Photo 8 – The poles will be used as a guard structure to keep the wire off the roadway. The sixth hole was being drilled. Photo facing east. |



REPRESENTATIVE SITE PHOTOGRAPHS

| Date | Location | Photo | Description |
|----------|-----------------------------|--|---|
| 04/22/20 | SOCRE transmission corridor |  | Photo 9 – Drilling operation at tower location 10. Photo facing south. |
| 04/22/20 | SOCRE transmission corridor |  | Photo 10 – Equipment parked near tower location 10. Photo facing northwest. |
| 04/22/20 | SOCRE transmission corridor |  | Photo 11 – Silt fencing along the creek bank at tower location 10. Photo facing east. |

REPRESENTATIVE SITE PHOTOGRAPHS

| Date | Location | Photo | Description |
|-------------|-----------------------------|---|--|
| 04/22/20 | SOCRE transmission corridor |  A wide-angle photograph showing a large, dark brown stockpile of excavated soil in a field. In the background, there are green hills under a clear blue sky, with a power line tower visible on the left. A small piece of construction equipment is parked near the soil pile. | Photo 12 – Stockpile of excavated soil from drilling at tower location 10. Photo facing south. |
| 04/22/20 | SOCRE transmission corridor |  A photograph showing a deep, narrow trench being dug into a paved road. Several workers in high-visibility vests are standing around the trench. A large excavator is visible in the background, and a white truck is parked nearby. The scene is set on a road with hills in the background. | Photo 13 – Trenching within Stallion Ridge Road. Photo facing west. |

| REPRESENTATIVE SITE PHOTOGRAPHS | | | |
|---------------------------------|-----------------------------|--|---|
| Date | Location | Photo | Description |
| 04/22/20 | SOCRE transmission corridor |  | Photo 14 – Tie-in work adjacent to Stallion Ridge Road and next to tower locations 16 and 17. Photo facing south. |
| 04/22/20 | SOCRE transmission corridor |  | Photo 15 – Tower locations 18 and 19, where both foundations have been poured and a former tower was removed. Photo facing south. |
| 04/22/20 | SOCRE transmission corridor |  | Photo 16 – Tower location 22, where the foundation was recently poured. Photo facing north. |

| REPRESENTATIVE SITE PHOTOGRAPHS | | | |
|---------------------------------|-----------------------------|---|---|
| Date | Location | Photo | Description |
| 04/22/20 | SOCRE transmission corridor |  | Photo 17 – Grading at tower location 21. Photo facing north. |
| 04/22/20 | SOCRE transmission corridor |  | Photo 18 – Red-tailed hawk nest in the far tower; the nest buffer is delineated by an ESA sign. Photo facing northwest. |

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| Completed by: | CPUC/E & E Compliance Monitor |
| Date: | 04/27/2020 |

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| Reviewed by: | Manager |
| Date: | 04/27/2020 |



South Orange County Reliability Enhancement Project CPUC Site Inspection Form

| | | | |
|-----------------------------|---|------------------------|---|
| Project: | South Orange County Reliability Enhancement (SOCRE) Project | Date: | April 29, 2020 |
| Project Proponent: | San Diego Gas & Electric (SDG&E) | Report #: | VS077 |
| 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 mild, with a slight breeze |
| CPUC CM (E & E): | Joe Donaldson | Start/End time: | 1300 to 1630 |
| Project NTP(s): | Notice to Proceed (NTP)-3, NTP-4, NTP-5, and NTP-6 | | |

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

| 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 1030. I observed that the green belt and park area west of Camino Capistrano were prepared for the jack and bore work. The vegetation was removed and the public walkway relocated to an area adjacent to the public street (Photo 1). Trenching work also continued within Camino Capistrano (Photo 2). Traffic control was in place and the work crews kept within the approved work hours.

Within the new substation, a crew was working to install the transformer units (Photo 3). Work on the roof of the former utility structure had commenced (Photo 4). I met with the Environmental Inspector (EI) assigned to oversee work in and around the substation. The project entrance was switched to the southern entry (Photo 5).

Equipment installation continued within the 138-kilovolt (kV) gas-insulated substation (GIS) building (Photo 6). According to the EI, most of the equipment has been installed and overhead cranes will be required to complete the work.

The EI and I drove in separate vehicles to the jack and bore work area west of the railroad tracks (Photo 7). A tree crew was completing tree removal in preparation for the trenching and jack and bore work. The tree stumps remained, but will be removed, as needed, with the excavation equipment. A nesting bird survey was conducted prior to tree removal. I observed a house finch (*Haemorhous mexicanus*) carrying nesting material to a spot under the roof tiles of the adjacent apartment complex and relayed this information to the EI for documentation.

I coordinated with the Lead Environmental Investigator (LEI) to examine the transmission corridor work sites. I inspected the newly installed temporary wooden guard poles along Interstate 5, just east of Serra Park (Photo 8). The netting was scheduled to be installed the following weekend and wire pulling to be installed the following week.

I met with the LEI at tower location 9, where a fencing crew was installing a fence around the work area. A large excavator was parked onsite with an inadequate drip pan beneath it; however, no leaking fluids were detected (Photo 9). I pointed this out to the LEI, emphasizing the need for adequate secondary containment, especially in a natural/riparian area. The excavator was used to remove the former tower and tower foundation (Photo 10). I noticed an abundance of bird species in the area around tower location 9, but, according to the LEI, no nesting birds have been found in the area.

A crew was setting up a work area at tower location 7, on private property, placing plywood and metal plates to protect the roadways.

At tower location 10, a concrete truck was washing out (Photo 11) after pouring the last of the concrete for the tower foundation (Photo 12). Large quantities of equipment remained at the site, but they would soon be moved to tower location 9 (Photo 13).

The work at Stallion Ridge Road includes continued trenching down the middle of the road (Photo 14). The crew hit a water line so work ceased and a city crew arrived onsite to pump out the water and repair the damage. An EI was onsite to observe the work.

At tower location 28, the EI and I monitored the work area (Photo 15). A new California gnatcatcher (*Polioptila californica*) nest was found downslope and south of the pad, but it was not visible from the work pad. The onsite avian biologist arrived from tower location 29, after work ceased for the day. We discussed the nest buffer delineation and determined that additional barriers and signage would be installed.

Drilling work was underway at tower location 21. A nesting red-tailed hawk (*Buteo jamaicensis*) and a California gnatcatcher are nesting in the area, so an avian biologist was monitoring the construction activities there. I completed my site inspection and exited the site at 1630.

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)

Ensure that additional nest buffer barriers and signage have been installed.

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

Larger and/or additional drip pans are needed for some of the larger equipment.

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 |
|----------|--------------------------------|--|--|
| 04/29/20 | San Juan Capistrano Substation |  | Photo 1 – The jack and bore site near the railroad tracks, west of the substation, was cleared and the walking path relocated. Photo facing southwest. |




| REPRESENTATIVE SITE PHOTOGRAPHS | | | |
|---------------------------------|--------------------------------|--|---|
| Date | Location | Photo | Description |
| 04/29/20 | San Juan Capistrano Substation |  | Photo 2 – Trenching continuing within Camino Capistrano. Photo facing south. |
| 04/29/20 | San Juan Capistrano Substation |  | Photo 3 – Continued installation of transformers. Photo facing north. |
| 04/29/20 | San Juan Capistrano Substation |  | Photo 4 – Work was conducted on the former utility structure. Photo facing northwest. |

REPRESENTATIVE SITE PHOTOGRAPHS


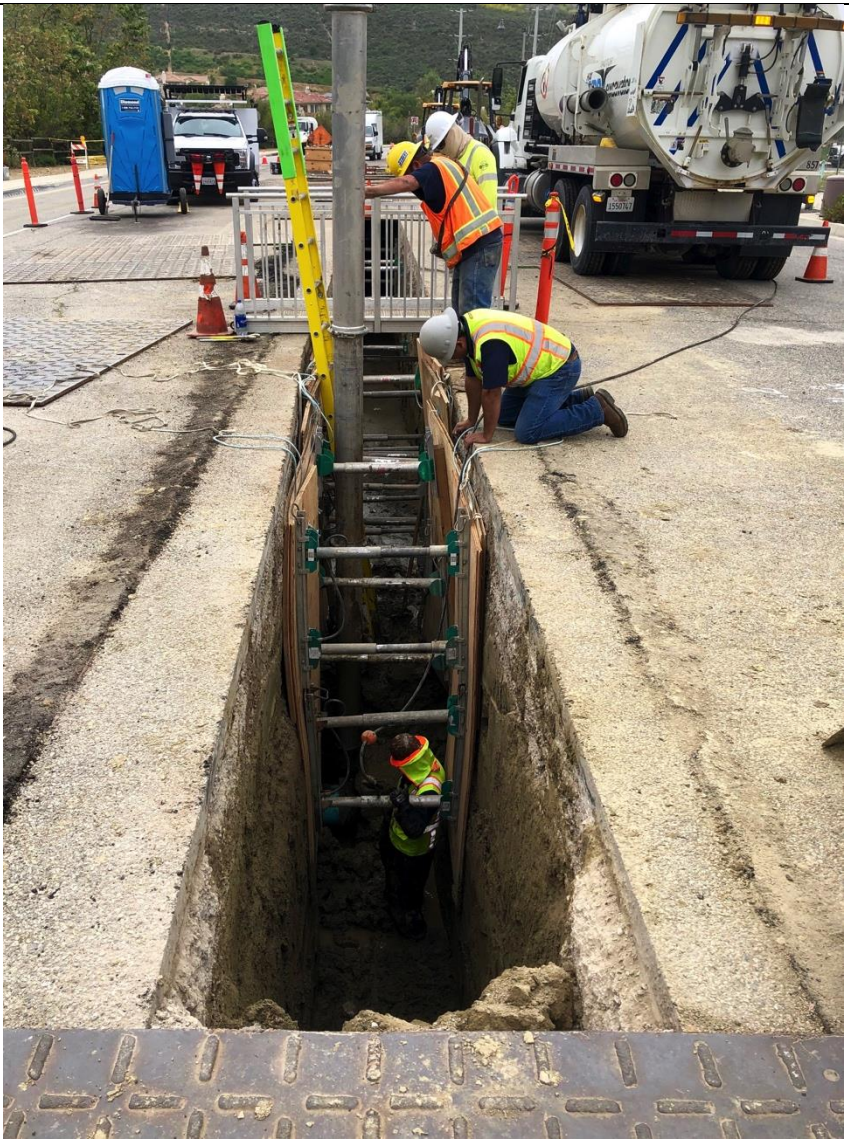
| Date | Location | Photo | Description |
|-------------|--------------------------------|---|---|
| 04/29/20 | San Juan Capistrano Substation |  | Photo 5 – The southern entry/access road for the substation is now being utilized. Photo facing west. |
| 04/29/20 | San Juan Capistrano Substation |  | Photo 6 – Work continues within the 138-kV GIS building. |

REPRESENTATIVE SITE PHOTOGRAPHS

| Date | Location | Photo | Description |
|----------|--------------------------------|--|---|
| 04/29/20 | San Juan Capistrano Substation |  | Photo 7 – Trees were removed in the work area west of the railroad tracks. Photo facing east. |
| 04/29/20 | SOCRE transmission corridor |  | Photo 8 – Temporary guard poles are in place along Interstate 5. Photo facing west. |
| 04/29/20 | SOCRE transmission corridor |  | Photo 9 – Parked equipment at tower location 9, with an inadequate drip pan. |

| REPRESENTATIVE SITE PHOTOGRAPHS | | | |
|---------------------------------|--|--|--|
| Date | Location | Photo | Description |
| 04/29/20 | Transmission line route, tower location 9 |  | Photo 10 – Tower location 9 work area; the former tower and foundation were removed. Photo facing northwest. |
| 04/29/20 | Transmission line route, tower location 10 |  | Photo 11 – Concrete washout at tower location 10. Photo facing northwest. |
| 04/29/20 | Transmission line route, tower location 10 |  | Photo 12 – Foundation for tower location 10 was poured. Photo facing south. |

REPRESENTATIVE SITE PHOTOGRAPHS

| Date | Location | Photo | Description |
|-------------|--|--|--|
| 04/29/20 | Transmission line route, tower location 10 |  A yellow tracked excavator with 'CZM' branding and 'EM5043' on its side is parked on a dirt surface. To its left is an orange backhoe loader. The background shows a cloudy sky and some distant trees. | Photo 13 – Equipment parked near tower location 10. Photo facing north. |
| 04/29/20 | SOCRE transmission corridor |  A long, narrow trench has been dug into a road surface. A worker in a high-visibility vest is kneeling at the edge of the trench, while another worker is visible inside the trench. A large concrete mixer truck is parked in the background, and a blue portable toilet is visible to the left. The scene is set on a paved road with some construction equipment and safety barriers. | Photo 14 – Trenching work within Stallion Ridge Road. Photo facing west. |

REPRESENTATIVE SITE PHOTOGRAPHS

| Date | Location | Photo | Description |
|----------|--|--|---|
| 04/29/20 | Transmission line route, tower location 28 |  | Photo 15 – Tower location 28. Photo facing southwest. |

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|----------------------|-------------------------------|
| Completed by: | CPUC/E & E Compliance Monitor |
| Date: | 05/05/2020 |

| | |
|---------------------|------------|
| Reviewed by: | Manager |
| Date: | 05/05/2020 |