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Global Environmental Specialists

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December 12, 2019

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

Re: Monthly Report Summary #24 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 **October 1 to 31, 2019**, for the South Orange County Reliability Enhancement (SOCRE) Project in Orange County, California. Compliance monitoring was performed five times between October 1 and 31, 2019, 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. (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 on October 4, 9, 16, 24, and 31, 2019. 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 October 2019 were covered under NTP-2, NTP-3, NTP-4, and NTP-5. Construction activities during October 2019 took place within and adjacent to the San Juan Capistrano Substation site and included continuation of substation site preparation activities; conducting inspections and surveys; backfilling storm drain structures; backfilling and grading for the 138-kV gas insulated substation (GIS) pad; installation and grading for

the 138-kV GIS cast-in-place (CIP) wall cable rail; installation of Stormwater Pollution Prevention Plan (SWPPP) best management practices (BMPs); forming and pouring the 138-kV GIS access ramps; excavating the 12-kV transformer containment basins; initiation of concrete repairs at the former utility structure; exporting soil; constructing the 12-kV transformer fire wall grade beams; trenching and installation of conduit for the 138-kV underground lines; removal of trees in Long Park; trenching, installation, and backfilling of conduit for the 12-kV underground line at Calle Bonita; installation of the 12-kV pull boxes at Rancho Viejo; and trenching and installation of conduit on Rancho Viejo and Ganado Road.

In addition, SDG&E conducted routine inspection and maintenance activities between October 1 and 31, 2019. Inspection activities included weekly inspections of the San Juan Capistrano Substation boundary for cleanliness, as well as SWPPP inspections to ensure there were no BMP deficiencies or potential non-compliance incidents. On September 25, 2019, the Regional Water Quality Control Board (RWQCB) conducted an inspection at the Capistrano Substation. SDG&E received RWQCB's report on October 15, 2019, which prescribed corrective actions for inactive areas and stockpiles. SDG&E responded to RWQCB on October 17, 2019 with photos of implemented BMPs and written descriptions of the ongoing construction activities. Upon SDG&E's response, RWQCB acknowledged that the matter was resolved and confirmed that no other corrective actions were required. No other deficiencies in SWPPP BMPs were observed or documented during October 2019.

Project compliance during the October 2019 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 October 2019 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 (MPR) 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, MPR-1, MPR-1 Addendum 1, and MPR-3.

Compliance Incidents

There were no compliance incidents during October 2019.

Public Concerns

SDG&E received a call from the City of San Juan Capistrano regarding a comment received from a resident near Ganado Road. The resident voiced a complaint that they had not been informed of construction activities. SDG&E had sent notifications to residences within 250 feet of the work. Although the resident lives outside of these limits, they use the road for their work commute. SDG&E has now completed additional mailers and doorhangers to expand the extent of its outreach to residences beyond 250 feet.

Minor Approvals

There was one minor approval in October 2019. MPR-4 was approved on October 30, 2019. This minor approval is for the establishment and use of two staging areas on the west and east sides of Avenida La Pata in unincorporated Orange County, located on Prima Deshecha Landfill property, which is owned by Orange County Waste and Recycling (OCWR). SDG&E requested the alternate staging areas in order to efficiently complete Project activities associated with transmission and distribution work east of I-5. The MPR-4 staging areas are alternatives to Staging Area 7 approved in the Final EIR, which is no longer anticipated to be available for Project use.

Sincerely,

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

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

ATTACHMENT 1

CPUC Site Inspection Reports

October 4, 9, 16, 24, and 31, 2019

South Orange County Reliability Enhancement Project
CPUC Site Inspection Form

Project:	South Orange County Reliability Enhancement (SOCRE) Project	**Date:**	October 4, 2019
Project Proponent:	San Diego Gas & Electric (SDG&E)	**Report #:**	VS051
Lead Agency:	California Public Utilities Commission (CPUC)	**Monitor(s):**	CPUC/Ecology and Environment (E & E) Compliance Monitor
CPUC PM:	Andrew Barnsdale, Energy Division	**AM/PM Weather:**	Sunny and calm with mild temperatures
CPUC CM (E & E):	Joe Donaldson	**Start/End Time:**	0730 to 0930
Project NTP(s):	Notice to Proceed (NTP)-2, NTP-2 Addendum 1, NTP-3, NTP-4, and NTP-5		

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 (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 SWPPP?	X		
Is dust control being implemented (i.e., access roads watered, haul trucks covered, dirt piles are tarped, streets cleaned on a regular basis)?	X		
Are work areas being effectively watered prior to excavation or grading?	X		
Are measures are 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 mph on unpaved roads?	X		
Are observed vehicles/equipment arriving onsite clean of sediment or plant debris?	X		
Are observed vehicles/equipment turned off when not in use?	X		
Work Areas	Yes	No	N/A
Is exclusionary fencing or flagging in place to protect sensitive biological or cultural resources?			X
Are observed vehicles, equipment, and construction personnel staying within approved work areas and on approved roads?	X		
Are excavations and trenches covered at the end of the day?	X		
Are wildlife escape ramps installed at 100-foot intervals with ramps not exceeding 2:1 slopes?	X		

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

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

San Juan Capistrano Substation.

DESCRIPTION OF OBSERVED ACTIVITIES (i.e., mitigation measures 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 0730. I met with the SDG&E Lead Environmental Inspector (LEI). There were two other Environmental Inspectors (EIs) onsite. One EI was observing the San Juan Capistrano Substation work and the other EI was observing the underground work.

The storm drain inlet near the southwestern portion of the site had been poured and the forms were being removed (Photo 1). Another storm drain inlet near the northwestern area of the site also had been poured and the forms were being removed (Photo 4).

A drill rig was onsite, which had been used to drill foundation holes around the transformer pads. Rebar cages had been dropped into the holes and a cement slurry had been poured. The SDG&E LEI indicated that these new circular foundations were for fire walls (Photo 2).

The conduit trench near the switch rack area was well sealed with boards and gravel bags (Photo 3).

Numerous dump trucks were entering the site to haul off excess stockpiled soil (Photo 5). A large excavator was loading the dump trucks, and a water truck was stationed nearby to aid in dust control. The loads in the trucks were covered before they left the site.

Work continued around the 138-kilovolt (kV) gas insulated substation (GIS) building pad, including small pours for entryways and drilling for lighting tower foundations (Photo 6). The GIS building pad was mostly complete (Photo 7), and the SDG&E LEI indicated that a contractor would begin construction on the building soon.

The underground conduit work had been installed on Calle Bonita, and the trench had been paved with asphalt (Photo 8). No paving work had been completed over the newly installed conduit trench along the south side of Serra Park (Photo 9). Surveyors had staked out the new tower location at the east end of the park near the freeway (Photo 10). The SDG&E LEI stated that they would start drilling the foundation the following week. There was some mud in the staging area (Photo 11); however, overall, the staging area appeared to be in good condition. The SDG&E LEI stated that he would inquire about the watering schedule for Serra Park, since the mud in the staging area could be related to water from the park's irrigation system.

On the day of my site visit, construction activities were to include laying of pipe and slurry work on Calle Bonita (Photo 12). Since no excavation was planned for the day, the paleontological resource monitor, Native American monitor, and cultural resource monitor were not onsite.

A construction truck was parked in the new access road leading to the existing substation (Photo 13).

MITIGATION MEASURES VERIFIED (Refer to MMCRP, e.g., MM BIO-5. Report only on MMs pertinent to your observations today)

All project personnel have been through the environmental training and displayed 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 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 mitigation measures, 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**
10/04/19	San Juan Capistrano Substation		Photo 1 – Storm drain work. Photo facing south.
10/04/19	San Juan Capistrano Substation		Photo 2 – Foundation work around the new transformer pads. Photo facing north.
10/04/19	San Juan Capistrano Substation		Photo 3 – Covered conduit trench near the switch rack area. Photo facing north.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
10/04/19	San Juan Capistrano Substation		Photo 4 – Storm drain inlet work. Photo facing north.
10/04/19	San Juan Capistrano Substation		Photo 5 – Soil stockpile being loaded onto trucks to be taken offsite. Photo facing east.
10/04/19	San Juan Capistrano Substation		Photo 6 – Additional foundation work around the 138-kV GIS building pad. Photo facing north.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
10/04/19	San Juan Capistrano Substation		Photo 7 – The 138-kV GIS building pad. Photo facing south.
10/04/19	Adjacent to San Juan Capistrano Substation		Photo 8 – Asphalt paving of the conduit trench on Calle Bonita. Photo facing west.
10/04/19	Serra Park, near San Juan Capistrano Substation		Photo 9 – Conduit trench along the south side of Serra Park. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
10/04/19	Serra Park, near San Juan Capistrano Substation		Photo 10 – New tower location at the east end of Serra Park. Photo facing north.
10/04/19	Serra Park, near San Juan Capistrano Substation		Photo 11 – Staging area for underground work. Photo facing west.
10/04/19	Adjacent to San Juan Capistrano Substation		Photo 12 – Conduit trench on Calle Bonita. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
10/04/19	San Juan Capistrano Substation		Photo 13 – Work truck parked in the new access road for the existing substation. Photo facing northwest.

Completed by:	CPUC/E & E Compliance Monitor
Date:	10/11/19

Reviewed by:	Manager
Date:	10/11/19

South Orange County Reliability Enhancement Project
CPUC Site Inspection Form

Project:	South Orange County Reliability Enhancement Project (SOCRE)	**Date:**	October 9, 2019
Project Proponent:	San Diego Gas & Electric (SDG&E)	**Report #:**	VS052
Lead Agency:	California Public Utilities Commission (CPUC)	**Monitor(s):**	CPUC/Ecology and Environment (E & E) Compliance Monitor
CPUC PM:	Andrew Barnsdale, Energy Division	**AM/PM Weather:**	Sunny, with mild temperatures and a light breeze
CPUC CM (E & E):	Joe Donaldson	**Start/End Time:**	0645 to 0830
Project NTP(s):	Notice to Proceed (NTP)-2, NTP-2 Addendum 1, NTP-3, NTP-4, and NTP-5		

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 (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 SWPPP?	X		
Is dust control being implemented (i.e., access roads watered, haul trucks covered, dirt piles are tarped, streets cleaned on a regular basis)?	X		
Are work areas being effectively watered prior to excavation or grading?	X		
Are measures are 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 mph on unpaved roads?	X		
Are observed vehicles/equipment arriving onsite clean of sediment or plant debris?	X		
Are observed vehicles/equipment turned off when not in use?	X		
Work Areas	Yes	No	N/A
Is exclusionary fencing or flagging in place to protect sensitive biological or cultural resources?			X
Are observed vehicles, equipment, and construction personnel staying within approved work areas and on approved roads?	X		
Are excavations and trenches covered at the end of the day?	X		
Are wildlife escape ramps installed at 100-foot intervals with ramps not exceeding 2:1 slopes?	X		

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

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

San Juan Capistrano Substation.

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

I arrived onsite at 0645 and attended the tailboard meeting. The SDG&E Lead Environmental Inspector (LEI) informed the construction team that there was a red flag warning for the afternoon so they should prepare the site before leaving at the end of the day. After the tailboard meeting, the SDG&E LEI went to the office to train several new crew members. I joined an Environmental Inspector (EI) as he cleared the site and checked for open excavations and drip pan placements.

Best management practices (BMPs) at the main entry/exit were a combination of rumble plates and larger sized rock (approximately 3 to 4 inches). The rumble plates were clean and in good condition, but the rock needed to be upgraded with additional, larger rock (Photo 1). I notified the EI of this needed upgrade.

The SDG&E LEI and I discussed the upcoming rainy season, specifically related to site drainage and sediment control.

Work continued for the storm drain inlets throughout the project site (Photos 2, 4, and 6).

One of the conduit vaults was open, and portions of the conduit piping were not capped (Photo 3). I stated that the pipe openings should be capped or covered, explaining that if an animal fell into the vault it would attempt to escape through the piping. A visual check for animals would not work if the animals enter the piping. Later in the day, the SDG&E LEI sent me a photo of the capped pipe.

At the 138-kilovolt (kV) gas insulated substation (GIS) building pad, no work was underway, and it appeared that the pad had been finished (Photo 5). Work on the storm drain inlets continued inside the 138-kV GIS building retaining wall (Photo 6).

Foundation work continued around the transformer pads (Photo 7). The remaining excess soil was being loaded into dump trucks by a front loader for transport offsite (Photo 8).

A piece of equipment parked onsite had a small and poorly placed drip pan underneath it (Photo 9).

I attended the tailboard meeting for the underground conduit work being installed on Calle Bonita (Photo 10). Work was scheduled to start later in the morning due to traffic concerns. The laydown yard for the underground work had been experiencing an issue with water leaking from irrigation piping (Photo 11). Water also was filtering down the access road and creating mud (Photo 12), which could present an issue when bringing in the drilling rig for the tubular steel pole (TSP) foundation. The SDG&E LEI planned to investigate the watering schedule and affected locations.

Since trenching was scheduled to begin, paleontological and cultural resource monitors were onsite. Trenching was expected to be completed by the end of the day. A crew with a small excavator was working within the old substation to dig a trench to the new access road (Photo 13).

MITIGATION MEASURES VERIFIED (Refer to MMCRP, e.g., MM BIO-5. Report only on MMs pertinent to your observations today)

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

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

Upgrades to BMPs at the main entry/exit.

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

Increase the size of drip pans used under construction 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 mitigation measures, 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**
10/09/19	San Juan Capistrano Substation		Photo 1 –BMPs at the main entry/exit. Photo facing east.
10/09/19	San Juan Capistrano Substation		Photo 2 – Storm drain inlet located near the southwestern portion of the substation.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
10/09/19	San Juan Capistrano Substation		Photo 3 – Open conduit vault with uncapped piping. Photo facing east.
10/09/19	San Juan Capistrano Substation		Photo 4 – Forms installed for the storm drain inlet located in the northwestern portion of the substation. Photo facing north.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
10/09/19	San Juan Capistrano Substation		Photo 5 – 138-kV GIS building pad. Photo facing southwest.
10/09/19	San Juan Capistrano Substation		Photo 6 – Storm drain work inside the 138-kV GIS building retaining wall.
10/09/19	San Juan Capistrano Substation		Photo 7 – Foundation work around the transformer pads. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
10/09/19	San Juan Capistrano Substation		Photo 8 – A crew loading the remaining excess soil for transport offsite. Photo facing east.
10/09/19	San Juan Capistrano Substation		Photo 9 – A drip pan that is too small for adequate containment.
10/09/19	San Juan Capistrano Substation		Photo 10 – Morning tailboard meeting for the underground work crews.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
10/09/19	San Juan Capistrano Substation		Photo 11 – Laydown yard for the underground work. Photo facing west.
10/09/19	Serra Park, near San Juan Capistrano Substation		Photo 12 – Underground trench along the south side of Serra Park. Photo facing east.
10/09/19	San Juan Capistrano Substation		Photo 13 – Trenching work near the existing substation and the new access roadway. Photo facing north.

Completed by:	CPUC/E & E Compliance Monitor
Date:	10/15/19

Reviewed by:	E & E Project Manager
Date:	10/16/19

South Orange County Reliability Enhancement Project
CPUC Site Inspection Form

Project:	South Orange County Reliability Enhancement (SOCRE) Project	**Date:**	October 16, 2019
Project Proponent:	San Diego Gas & Electric (SDG&E)	**Report #:**	VS053
Lead Agency:	California Public Utilities Commission (CPUC)	**Monitor(s):**	CPUC/Ecology & Environment (E & E) Compliance Monitor
CPUC PM:	Andrew Barnsdale, Energy Division	**AM/PM Weather:**	Overcast with cool temperatures and a slight breeze
CPUC CM (E & E):	Joe Donaldson	**Start/End Time:**	1200 to 1400
Project NTP(s):	Notice to Proceed (NTP-2, NTP-2 Addendum 1, NTP-3, NTP-4, and NTP-5		

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 (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 SWPPP?	X		
Is dust control being implemented (i.e., access roads watered, haul trucks covered, dirt piles are tarped, streets cleaned on a regular basis)?	X		
Are work areas being effectively watered prior to excavation or grading?	X		
Are measures are 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 mph on unpaved roads?	X		
Are observed vehicles/equipment arriving onsite clean of sediment or plant debris?	X		
Are observed vehicles/equipment turned off when not in use?	X		
Work Areas	Yes	No	N/A
Is exclusionary fencing or flagging in place to protect sensitive biological or cultural resources?			X
Are observed vehicles, equipment, and construction personnel staying within approved work areas and on approved roads?	X		
Are excavations and trenches covered at the end of the day?	X		
Are wildlife escape ramps installed at 100-foot intervals with ramps not exceeding 2:1 slopes?	X		

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

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

San Juan Capistrano Substation.

DESCRIPTION OF OBSERVED ACTIVITIES (i.e., mitigation measures 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 site at 1200. Traffic control crews had a portion of Camino Capistrano blocked off (Photo 1). There was a crew in the road removing the steel plates covering the trench. The crew finished paving the road on the afternoon of my site visit.

Another crew assembled west of Camino Capistrano was removing trees (Photo 2). The trees were being cut and chipped in preparation of the jack and bore work required to place power lines under the railroad. I asked the crew how they knew which trees to cut. The foreman indicated that the trees were marked with white paint and they also checked the location and the diameter at breast height of all the trees before they were removed (Photo 3). I met with an Environmental Inspector (EI) and the SDG&E Lead Environmental Inspector (LEI) to discuss the work at the tree cutting area.

The SDG&E LEI and I walked along Calle Bonita where the crews were preparing to pave the last few segments of the underground line (Photo 4). All of the conduit had been installed from the east end of Serra Park to Camino Capistrano. According to the SDG&E LEI, they postponed the foundation work for the new distribution line tower due to a design/engineering alteration.

New silt fencing and straw wattles had been placed around the project site (Photo 5). Crews had also sprayed most of the exposed slopes with a hydro mulch (Photo 6). Additional wattles and bales of mulch material had been stockpiled onsite (Photo 8). The best management practices (BMPs) at the main entry/exit still needed additional, larger rock (Photo 7).

Work continued on the transformer area foundations (Photo 9) and the storm drain system within the 138-kilovolt (kV) gas insulated substation (GIS) building pad (Photo 10). Minimal work was occurring on the 138-kV GIS building pad (Photo 11); however, materials were being brought in and stockpiled onsite (Photo 13). A crew was installing a wire railing along the top of the retaining wall. The SDG&E LEI indicated that they may start construction on the building soon.

The remaining excess soil noted during my previous site visit had been hauled offsite. The stockpile area had been recontoured sprayed with hydro mulch (Photo 12).

The SDG&E LEI and I discussed rainwater runoff and inspected a staging area near one of the drain inlets that could be upgraded into a catch basin (Photo 14). If completed correctly, the catch basin could capture rainwater runoff and allow sediment to settle before it enters the nearby storm drain.

I drove with the SDG&E LEI to the east side of Interstate 5 where a crew had started saw cutting work within Ganado Road (Photo 15) in preparation for additional underground conduit installation.

MITIGATION MEASURES VERIFIED (Refer to MMCRP, e.g., MM BIO-5. Report only on MMs pertinent to your observations today)

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

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

Upgrades to BMPs at the main entry/exit.

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 mitigation measures, 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**
10/16/19	Adjacent to San Juan Capistrano Substation		Photo 1 – Traffic control on Camino Capistrano. Photo facing south.
10/16/19	Long Park, west of San Juan Capistrano Substation		Photo 2 – Tree removal crew in the jack and bore location. Photo facing southwest.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
10/16/19	Long Park, west of San Juan Capistrano Substation		Photo 3 – Tree marked for removal. Photo facing east.
10/16/19	Adjacent to San Juan Capistrano Substation		Photo 4 – Conduit vault and trench along Calle Bonita. Photo facing east.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
10/16/19	San Juan Capistrano Substation		Photo 5 – New silt fencing and straw wattles installed around the substation site. Photo facing north.
10/16/19	San Juan Capistrano Substation		Photo 6 – Bare earth slopes recently sprayed with hydro mulch. Photo facing southeast.
10/16/19	San Juan Capistrano Substation		Photo 7 –Main entry/exit where additional, larger rock is needed around the rumble plates. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
10/16/19	San Juan Capistrano Substation		Photo 8 – Stockpiled erosion control materials. Photo facing northwest.
10/16/19	San Juan Capistrano Substation		Photo 9 – Work around the transformer foundations. Photo facing north.
10/16/19	San Juan Capistrano Substation		Photo 10 – Storm drain work around the 138-kV GIS building pad. Photo facing southwest.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
10/16/19	San Juan Capistrano Substation		Photo 11 – The 138-kV GIS building pad. Photo facing north.
10/16/19	San Juan Capistrano Substation		Photo 12 – Soil stockpile area recontoured and sprayed with hydro mulch. Photo facing west.
10/16/19	San Juan Capistrano Substation		Photo 13 – Building materials placed onsite. Photo facing northeast.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
10/16/19	San Juan Capistrano Substation		Photo 14 – Area considered for upgrade into a possible catch basin during rain events. Photo facing west.
10/16/19	Ganado Road, east of Interstate 5		Photo 15 – A crew placing steel plates over sawcut areas in the roadway. Photo facing west.

Completed by:	CPUC/E & E Compliance Monitor
Date:	10/22/19

Reviewed by:	Manager
Date:	10/23/19

South Orange County Reliability Enhancement Project
CPUC Site Inspection Form

Project:	South Orange County Reliability Enhancement (SOCRE) Project	**Date:**	October 24, 2019
Project Proponent:	San Diego Gas & Electric (SDG&E)	**Report #:**	VS054
Lead Agency:	California Public Utilities Commission (CPUC)	**Monitor(s):**	CPUC/Ecology & Environment (E & E) Compliance Monitor
CPUC PM:	Andrew Barnsdale, Energy Division	**AM/PM Weather:**	Clear and calm with cool temperatures
CPUC CM (E & E):	Joe Donaldson	**Start/End time:**	0730 to 0930
Project NTP(s):	Notice to Proceed (NTP)-2, NTP-2 Addendum 1, NTP-3, NTP-4, and NTP-5		

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 (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 SWPPP?	X		
Is dust control being implemented (i.e., access roads watered, haul trucks covered, dirt piles are tarped, streets cleaned on a regular basis)?	X		
Are work areas being effectively watered prior to excavation or grading?	X		
Are measures are 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 mph on unpaved roads?	X		
Are observed vehicles/equipment arriving onsite clean of sediment or plant debris?	X		
Are observed vehicles/equipment turned off when not in use?	X		
Work Areas	Yes	No	N/A
Is exclusionary fencing or flagging in place to protect sensitive biological or cultural resources?			X
Are observed vehicles, equipment, and construction personnel staying within approved work areas and on approved roads?	X		
Are excavations and trenches covered at the end of the day?	X		
Are wildlife escape ramps installed at 100-foot intervals with ramps not exceeding 2:1 slopes?	X		

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

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

San Juan Capistrano Substation.

DESCRIPTION OF OBSERVED ACTIVITIES (i.e., mitigation measures 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 0730. A crew was working on repairing the walls of the former utility structure (Photo 1). The manlifts were well contained with plastic and drip pans (Photo 2).

The best management practices (BMPs) at the west entry/exit gate had been upgraded with additional, larger rock placed ahead of the rumble plates (Photo 3).

I met with the SDG&E Lead Environmental Inspector (LEI) and an Environmental Inspector (EI) to discuss the project status. The EI was on his way to the tailboard meeting for the underground work outside of the substation area.

Work continued on the transformer area foundations and the forms had been removed (Photo 4). Conduit trenches were still open within the switch rack area (Photo 5).

The SDG&E LEI reported that an inspector from the Regional Water Quality Control Board (RQWCB) recently visited the site and conducted a formal site inspection.

Backfill work was being performed around the storm drain system in the northwest corner of the substation site (Photo 6). I noted an open hole in the side of the inlet vault and notified the SDG&E LEI. We discussed the BMPs located on the sloped portions of the site, which have been hydro mulched. The SDG&E LEI indicated that some additional disturbance to these slopes will occur when crews install grounding wire.

The final waterproofing was being applied to the 138-kilovolt (kV) gas insulated substation (GIS) building retaining wall (Photo 7), with the final backfilling work underway around the building (Photo 9). Installation of the wire railing along the top of the retaining wall had been completed. Building materials were being stockpiled around the 138-kV GIS building pad (Photo 8).

An EI was overseeing the underground work. Excavation work was beginning west of Camino Capistrano in Long Park next to the jack and bore site (Photo 10). All trees within the jack and bore site had been cut down and the stumps were to be removed. The excavation work was being monitored by paleontological and archeological resource monitors. The work will be performed by hand as crews approach several existing utility lines. Traffic control was in place and working well.

I drove to Galano Way on the east side of Interstate 5 where a crew was potholing along the conduit trench. The crew was tying into existing equipment. Most of this work was being completed by hand due to the presence of existing pipes (Photo 11). Traffic control was also in place at this location.

MITIGATION MEASURES VERIFIED (Refer to MMCRP, e.g., MM BIO-5. Report only on MMs pertinent to your observations today)

All project personnel have been through the environmental training and displayed 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 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 mitigation measures, 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**
10/24/19	San Juan Capistrano Substation		Photo 1 – Cleaning and patching walls of the former utility structure. Photo facing north.
10/24/19	San Juan Capistrano Substation		Photo 2 – Manlifts well contained with plastic and drip pans.
10/24/19	San Juan Capistrano Substation		Photo 3 – Upgraded BMPs consisting of additional rock at the west entry. Photo facing south.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
10/24/19	San Juan Capistrano Substation		Photo 4 – Forms removed from the transformer foundations. Photo facing north.
10/24/19	San Juan Capistrano Substation		Photo 5 – Open conduit trenches in the switch rack area. Photo facing northwest.
10/24/19	San Juan Capistrano Substation		Photo 6 – Drainage vaults in the northwest corner of the substation site. Photo facing north.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
10/24/19	San Juan Capistrano Substation		Photo 7 – Final waterproofing inside the 138-kV GIS building retaining wall. Photo facing west.
10/24/19	San Juan Capistrano Substation		Photo 8 – Stockpiled materials at the 138-kV GIS building pad. Photo facing southwest.
10/24/19	San Juan Capistrano Substation		Photo 9 – Backfilling around the south side of the 138-kV GIS building. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
10/24/19	Long Park, west of the San Juan Capistrano Substation		Photo 10 – Excavation within Long Park west of Camino Capistrano. Photo facing north.
10/24/19	Galano Way, east of the San Juan Capistrano Substation		Photo 11 – Potholing work within Galano Way east of Interstate 5. Photo facing south.

Completed by:	CPUC/E & E Compliance Monitor
Date:	11/03/19

Reviewed by:	Manager
Date:	11/03/19

South Orange County Reliability Enhancement Project
CPUC Site Inspection Form

Project:	South Orange County Reliability Enhancement (SOCRE) Project	**Date:**	October 31, 2019
Project Proponent:	San Diego Gas & Electric (SDG&E)	**Report #:**	VS055
Lead Agency:	California Public Utilities Commission (CPUC)	**Monitor(s):**	CPUC/Ecology & Environment (E & E) Compliance Monitor
CPUC PM:	Andrew Barnsdale, Energy Division	**AM/PM Weather:**	Clear and calm with cool temperatures
CPUC CM (E & E):	Joe Donaldson	**Start/End Time:**	0715 to 0915
Project NTP(s):	Notice to Proceed (NTP)-2, NTP-2 Addendum 1, NTP-3, NTP-4, and NTP-5		

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 (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 SWPPP?	X		
Is dust control being implemented (i.e., access roads watered, haul trucks covered, dirt piles are tarped, streets cleaned on a regular basis)?	X		
Are work areas being effectively watered prior to excavation or grading?	X		
Are measures are 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 mph on unpaved roads?	X		
Are observed vehicles/equipment arriving onsite clean of sediment or plant debris?	X		
Are observed vehicles/equipment turned off when not in use?	X		
Work Areas	Yes	No	N/A
Is exclusionary fencing or flagging in place to protect sensitive biological or cultural resources?			X
Are observed vehicles, equipment, and construction personnel staying within approved work areas and on approved roads?	X		
Are excavations and trenches covered at the end of the day?	X		
Are wildlife escape ramps installed at 100-foot intervals with ramps not exceeding 2:1 slopes?	X		

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

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

San Juan Capistrano Substation.

DESCRIPTION OF OBSERVED ACTIVITIES (i.e., mitigation measures 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 0715. I met with the SDG&E Lead Environmental Inspector (LEI) and an Environmental Inspector (EI).

Construction crews continued to repair and patch walls of the former utility structure (Photo 1).

Work continued in the transformer area, with excavation around the foundations and new forms being installed (Photo 2). A conduit vault remained open within the switch rack area (Photo 3).

The waterproofing for the 138-kilovolt (kV) gas insulated substation (GIS) building retaining wall was complete. Final backfilling between the wall and the building and compaction of the road base was underway (Photo 4). This allowed the building materials to be moved onto and around the building pad (Photos 5 and 6). New building materials were onsite and stockpiled east of the building pad (Photo 7). Excess soil was being brought to the stockpile area (Photo 8). An overview of the 138-kV GIS building pad is presented as Photo 10.

A water truck sprayed the project roads in the morning.

During the time of my site visit, there were several fires burning in southern California. The SDG&E LEI used a map to point out the high fire areas located just east of the project site (Photo 9).

Traffic control was being set up on Camino Capistrano, and crews were preparing to continue trenching and installing conduit. Traffic control also was being set up on Rancho Viejo just east of Interstate 5. Crews were preparing to excavate the roadway and set a vault.

I inspected the new staging area for this work (Photo 11) and noted that it was dusty and in need of water. Just outside of the gate to the staging area, there were potholes that were covered with boards but not sealed (Photo 12). Before I left the site, I sent the SDG&E LEI a photo and text message describing my concerns about the staging area.

MITIGATION MEASURES VERIFIED (Refer to MMCRP, e.g., MM BIO-5. Report only on MMs pertinent to your observations today)

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

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

Upgrades to dust control BMPs and pothole covers.

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.

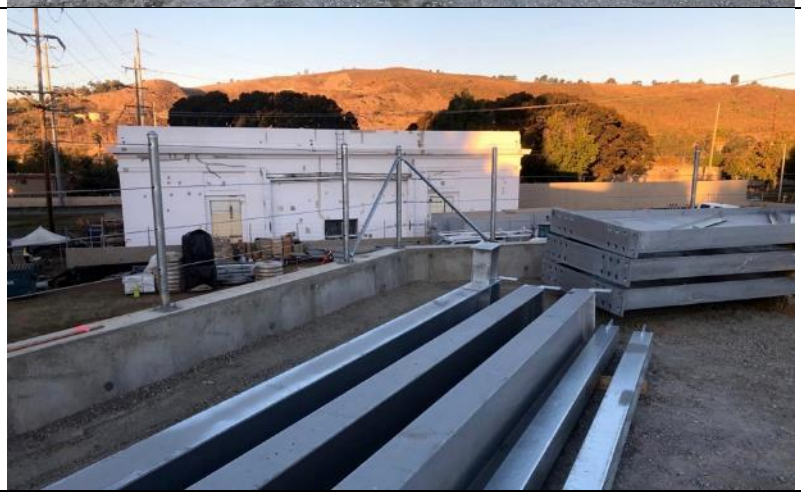
☐ New biological or cultural discovery requiring compliance with mitigation measures, permit conditions, etc.

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

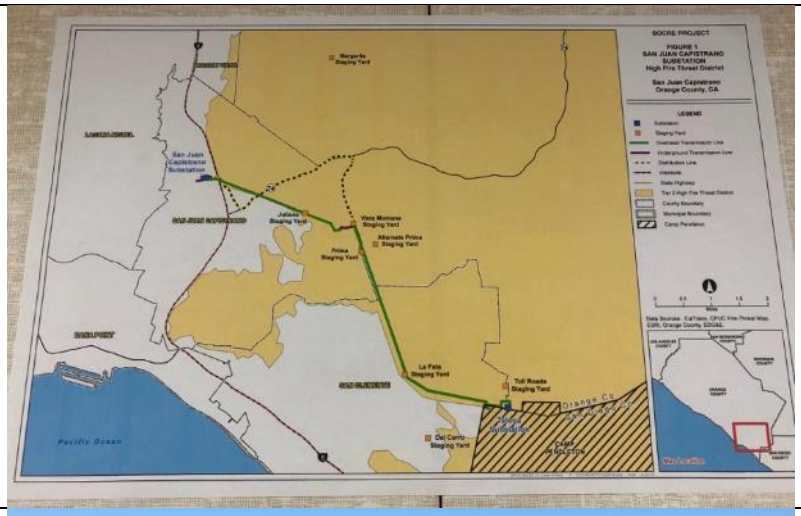
☐ New non-compliance issues reported by SDG&E monitors since your last visit. Describe issues and resolution under "compliance suggestions or additional observations" (above) and include SDG&E report identification number.

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

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
10/31/19	San Juan Capistrano Substation		Photo 1 – Cleaning and patching the walls of the former utility structure. Photo facing north.
10/31/19	San Juan Capistrano Substation		Photo 2 – Work around the transformer foundations. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
10/31/19	San Juan Capistrano Substation		Photo 3 – Conduit vault in the switch rack area.
10/31/19	San Juan Capistrano Substation		Photo 4 – Final compaction of the road base around the 138-kV GIS building pad. Photo facing west.
10/31/19	San Juan Capistrano Substation		Photo 5 – Building materials stockpiled on the newly backfilled area. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
10/31/19	San Juan Capistrano Substation		Photo 6 – Building materials being brought onto and placed around the 138-kV GIS building pad. Photo facing north.
10/31/19	San Juan Capistrano Substation		Photo 7 – Building materials stockpiled just east of the 138-kV GIS building pad. Photo facing north.
10/31/19	San Juan Capistrano Substation		Photo 8 – Soil stockpile area. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
10/31/19	San Juan Capistrano Substation		Photo 9 – Map showing the high fire danger areas east of the substation.
10/31/19	San Juan Capistrano Substation		Photo 10 – Overview of the 138-kV GIS building pad. Photo facing west.
10/31/19	San Juan Capistrano Substation		Photo 11 – Staging area for work east of Interstate 5. Photo facing south.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
10/31/19	San Juan Capistrano Substation		Photo 12 – Potholes covered with boards but not sealed outside of the new staging area east of Interstate 5.

Completed by:	CPUC/E & E Compliance Monitor
Date:	11/04/19

Reviewed by:	Manager
Date:	11/04/19