

February 20, 2020

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

Re: Monthly Report Summary #26 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 **December 1 to 31, 2019**, for the South Orange County Reliability Enhancement (SOCRE) Project in Orange County, California. Compliance monitoring was performed three times between December 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., 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 on December 5, 12, and 19, 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 December 2019 were covered under NTP-3, NTP-4, and NTP-5. Construction

Mr. Andrew Barnsdale

February 20, 2020

Page 2

activities during December 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; trenching and installing underground conduit; hazardous materials abatement at the former utility structure; concrete repairs at the former utility structure; construction of masonry screen wall footing; construction of the 12-kV transformer containment basin; erection of the 138-kV gas-insulated substation (GIS) building; construction of the 138-kV GIS building control shelter; trenching for the 138-kV underground lines; trenching, installation, and backfill of conduit and paving for the 12-kV underground line at Rancho Viejo; and installation of conduit for the supervisory control and data acquisition (SCADA) pole. In addition, SDG&E conducted routine inspection and maintenance activities between December 1 and 31, 2019. Inspection activities included weekly inspections of the San Juan Capistrano Substation boundary for cleanliness, as well as Storm Water Pollution Prevention Plan (SWPPP) inspections 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 December 2019.

Project compliance during the December 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 December 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 (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, and MPR-4.

Compliance Incidents

No compliance incidents occurred during December 2019.

Public Concerns

No public complaints were received during December 2019.

Minor Approvals

No minor approvals occurred in December 2019.

Sincerely,



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

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

ATTACHMENT 1

CPUC Site Inspection Reports
December 5, 12, and 19, 2019



South Orange County Reliability Enhancement Project CPUC Site Inspection Form

Project:	South Orange County Reliability Enhancement (SOCRE) Project	Date:	December 5, 2019
Project Proponent:	San Diego Gas & Electric (SDG&E)	Report #:	VS060
Lead Agency:	California Public Utilities Commission (CPUC)	Monitor(s):	CPUC/Ecology and Environment, Inc., member of WSP (E & E) Compliance Monitor
CPUC PM:	Andrew Barnsdale, Energy Division	AM/PM Weather:	Sunny and cool with a slight breeze
CPUC CM (E & E):	Joe Donaldson	Start/End Time:	0830 to 1030
Project NTP(s):	Notice to Proceed (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 (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 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 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, staging area west of Camino Capistrano, and Rancho Viejo.

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 0830. I examined the fenced staging area across the street (Camino Capistrano) from the substation site (Photo 1). The area contained segments of several tubular steel poles (TSPs).

I met with the SDG&E Lead Environmental Inspector (LEI) at the substation entrance. Several storms had occurred in the area since my last site visit. The SDG&E LEI said the site received approximately 2.75 inches of rain over the Thanksgiving holiday and approximately 0.65 inches of rain yesterday. Work did not take place the previous day, but Environmental Inspectors (EIs) were onsite at the substation to monitor the stormwater runoff. The site appeared to have survived the recent storms with no mud leaving the site.

Crews were onsite at the substation primarily conducting cleanup work, with a small crew working on the 138-kilovolt (kV) gas-insulated substation (GIS) building. Equipment had removed the straw wattles and captured mud from within the substation access road (Photo 2). The sediment basin in front of the offsite drain was in good condition (Photo 3). Weather reports indicated clear conditions for the next several days, allowing the site to dry out.

Photo 4 depicts an overview of the substation site west of the 138-kV GIS building retaining wall. Building materials continued to be installed for the 138-kV GIS building (Photo 5). A crew was working on the 138-kV control room, pouring the new brick wall (Photo 6).

The staging area by the main office trailers remained unchanged (Photo 7). According to one of the EIs, the excess soil stockpiled onsite at the substation has now been used to expand the roadway up to the trailers (Photo 8). Crews plan to continue working on to the northern entrance and lay down gravel on the new roadway.

The low area around the vaults at the west end of the substation appeared to have worked well to hold excess rainwater runoff (Photo 9).

Underground work continued along Rancho Viejo (Photo 10). The newly installed vault was full of water, which crews had pumped out. The EI explained that crews pumped the water into a filter bag that was placed in the adjacent golf course.

Excess soil from the roadway excavation was being stockpiled in the laydown yard at Rancho Viejo. The ground was too muddy to handle the heavily loaded trucks, so crews delayed until extra gravel was delivered (Photo 11).

MITIGATION MEASURES VERIFIED (Refer to 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 on-site, environmental observations of note)


SDG&E has excelled in preparing the site for the upcoming rain event.

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
12/05/19	Staging area west of Camino Capistrano	 A photograph showing several large, blue, cylindrical tower segments stacked in a staging area. The area is enclosed by a green chain-link fence. In the background, there are trees and a building under a clear blue sky.	Photo 1 – Tower segments in a staging area west of Camino Capistrano. Photo facing north.
12/05/19	San Juan Capistrano Substation	 A photograph of a construction site at a substation. The ground is covered in dark mud and gravel. In the background, there is a large metal structure under construction and several utility poles with power lines. Orange safety cones and pipes are visible in the foreground.	Photo 2 – Cleanup of mud and BMPs along the south side of the substation. Photo facing east.
12/05/19	San Juan Capistrano Substation	 A photograph of a catch basin near an offsite drain. The basin is filled with dark gravel. A large white pipe runs through the basin, and there are green sandbags or silt bags placed around it. The background shows a fence and some trees.	Photo 3 – Catch basin near the offsite drain. Photo facing southwest.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
12/05/19	San Juan Capistrano Substation		Photo 4 – Overview of the work area between the former utility structure and the new retaining wall. Photo facing east.
12/05/19	San Juan Capistrano Substation		Photo 5 – Overview of the building installation progress. Photo facing northwest.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
12/05/19	San Juan Capistrano Substation		Photo 6 – 138-kV GIS building showing the brick wall work for the control room. Photo facing southwest.
12/05/19	San Juan Capistrano Substation		Photo 7 – Staging area by the trailers and the former 12-kV substation. Photo facing east.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
12/05/19	San Juan Capistrano Substation		Photo 8 – Northern portion of the substation. Photo facing west.
12/05/19	San Juan Capistrano Substation		Photo 9 – Drainage vault area that is functioning as a catch basin. Photo facing south.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
12/05/19	Rancho Viejo, near San Juan Capistrano Substation		Photo 10 – Underground work within Rancho Viejo. Photo facing south.
12/05/19	Rancho Viejo, near San Juan Capistrano Substation		Photo 11 – Staging area along Rancho Viejo. Photo facing south.

Completed by:	CPUC/E & E Compliance Monitor
Date:	12/09/19

Reviewed by:	Manager
Date:	12/10/19



South Orange County Reliability Enhancement Project CPUC Site Inspection Form

Project:	South Orange County Reliability Enhancement Project (SOCRE)	Date:	December 12, 2019
Project Proponent:	San Diego Gas & Electric (SDG&E)	Report #:	VS061
Lead Agency:	California Public Utilities Commission (CPUC)	Monitor(s):	CPUC/ Ecology and Environment, Inc., member of WSP (E & E) Compliance Monitor
CPUC PM:	Andrew Barnsdale, Energy Division	AM/PM Weather:	Sunshine with cool temperatures
CPUC CM (E & E):	Joe Donaldson	Start/End Time:	0830 to 1015
Project NTP(s):	Notice to Proceed (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 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 and Rancho Viejo.

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 0830 and met with an Environmental Inspector (EI). The site was muddy, and the EI reported that they received 0.7 inches of rain over the weekend.

The southwestern entrance was closed, and the exit/entry needed some upgrades (Photo 1). The access road to the substation was muddy (Photo 2), so crews had shifted to using the northwestern entrance. The northern entrance had some rock, but no rumble plates (Photo 5). When switching entrances, crews have typically shifted the entry/exit BMPs, but that did not occur this time. Since they regularly shift back and forth between entrances, I suggested they set up both locations with the proper entry/exit BMPs. The EI discussed this with the construction supervisor. Rumble plates were ordered and arrival was anticipated for the following Monday. A sweeper truck was maintaining the public roads, but, ideally, mud should not be tracked onto the roads.

Work continued on the transformer catch basins (Photo 3).

Rainwater runoff appeared to have been captured in the catch basin near the substation offsite drain and in the small catch basin around the vaults west of the former utility structure (Photo 4).

No additional work activity was observed on the wall at the northwestern corner of the substation (Photo 6).

Concrete trucks were arriving onsite at the substation and pouring slurry in a conduit trench running east to west along the northern side of the site (Photos 7 and 8). The slurry trucks wash out their equipment in the trench. The trench has a board placed within it that is acting as a climbing structure. All the conduit pipe was capped.

Installation of the metal framing continued for the 138-kilovolt (kV) gas-insulated substation (GIS) building, and brickwork continued for the control room adjacent to the building (Photo 9).

Underground work continued along Rancho Viejo, with trenching occurring west of the street to the new tower location (Photo 10). Both paleontological and cultural resource monitors were onsite observing the excavation activity. Some vault work was occurring within the roadway on Rancho Viejo, with the required traffic control in place (Photo 11).

MITIGATION MEASURES VERIFIED (Refer to 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 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 on-site, environmental observations of note)

The BMPs at the southwestern exit/entry to the substation require some upgrades.

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
12/12/19	San Juan Capistrano Substation		Photo 1 – Exit/entry BMPs at the southern entrance. Photo facing south.
12/12/19	San Juan Capistrano Substation		Photo 2 – Muddy conditions along the southern access road. Photo facing east.
12/12/19	San Juan Capistrano Substation		Photo 3 – Work surrounding the transformer foundations. Photo facing north.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
12/12/19	San Juan Capistrano Substation	 <p>A photograph showing a muddy, rutted path leading towards a concrete catch basin. To the right is a chain-link fence, and in the background, there are some buildings and trees under a bright sky.</p>	Photo 4 – Catch basin near the vaults located by the western boundary. Photo facing south.
12/12/19	San Juan Capistrano Substation	 <p>A photograph of a dirt road or path leading into a substation area. In the background, there is a paved road with a white pickup truck and a silver car. A fence is visible on the left side.</p>	Photo 5 – The northern entry into the substation. Photo facing west.
12/12/19	San Juan Capistrano Substation	 <p>A photograph showing the foundation and rebar structure for a wall. The rebar is visible in the foreground, and a concrete foundation is being laid. In the background, there is a road with a white pickup truck and a fence.</p>	Photo 6 – Foundation for the northern wall. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
12/12/19	San Juan Capistrano Substation		Photo 7 – Slurry work at the conduit trench. Photo facing east.
12/12/19	San Juan Capistrano Substation		Photo 8 – Conduit trench with newly poured slurry over the piping. Photo facing north.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
12/12/19	San Juan Capistrano Substation		Photo 9 – Work on the 138-kV GIS building and control room brick wall. Photo facing southwest.
12/12/19	Rancho Viejo, near San Juan Capistrano Substation		Photo 10 – Trenching work near Rancho Viejo. Photo facing west.
12/12/19	Rancho Viejo, near San Juan Capistrano Substation		Photo 11 – Vault work on Rancho Viejo. Photo facing south.

Completed by:	CPUC/E & E Compliance Monitor
Date:	12/23/19

Reviewed by:	E & E Project Manager
Date:	12/24/19



South Orange County Reliability Enhancement Project CPUC Site Inspection Form

Project:	South Orange County Reliability Enhancement (SOCRE) Project	Date:	December 19, 2019
Project Proponent:	San Diego Gas & Electric (SDG&E)	Report #:	VS062
Lead Agency:	California Public Utilities Commission (CPUC)	Monitor(s):	CPUC/Ecology and Environment, Inc., member of WSP (E & E) Compliance Monitor
CPUC PM:	Andrew Barnsdale, Energy Division	AM/PM Weather:	Clear and calm with cold temperatures
CPUC CM (E & E):	Joe Donaldson	Start/End Time:	0715 to 0945
Project NTP(s):	Notice to Proceed (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, Rancho Viejo, and the staging area at Serra Park.

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 0715.

The southwestern exit/entry BMPs required some upgrades. The rock on either side of the rumble plates needed improvement and the catch basin needed to be cleaned out (Photo 1). I spoke with the SDG&E Lead Environmental Inspector (LEI) about the catch basin; he indicated he had already discussed the need to clean out the captured sediment with the contractor. They plan to address the issue before the next large rain event.

Work on the catch basins around the transformers continued; crews were setting forms for another concrete pour (Photo 2).

The northwestern entrance to the substation had been upgraded with rock and another set of rumble plates, so that BMPs do not need to be altered if the entrance switches (Photo 3).

Brick installation was occurring on the wall at the northwestern corner of the substation site (Photo 4). The mortar mixing station had been relocated next to the wall work (Photo 5).

The brickwork for the control room adjacent to the 138-kilovolt (kV) gas-insulated substation (GIS) building had been completed (Photo 6). Installation of the metal framing continued for the 138-kV GIS building (Photo 7).

Another conduit trench had been excavated, conduit laid down, and slurry poured (Photo 8). This trench runs east to west along the northern portion of the substation site and adjacent to another conduit trench installed the previous week.

I noted there was inadequate secondary containment for the heavy equipment (Photo 9).

A crew was onsite completing final cleanup and patching of the former utility structure (Photo 10).

I walked to the staging area on the east side of Serra Park. No work was occurring in this area, but some rock and plates had been laid down to cover muddy areas within the staging area (Photo 11).

Underground work continued along Rancho Viejo (Photo 12). Required traffic control was in place, and work was delayed until later in the morning in order to conform with the permit condition requirements.

MITIGATION MEASURES VERIFIED (Refer to 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 on-site, environmental observations of note)

The BMPs at the southwestern exit/entry to the substation require some upgrades. The rock on either side of the rumble plates needs improvement and the catch basin needs to be cleaned out.

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
12/19/19	San Juan Capistrano Substation		Photo 1 – Catch basin at the southwestern corner of the substation. Photo facing southwest.
12/19/19	San Juan Capistrano Substation		Photo 2 – Work surrounding the transformer foundations. Photo facing south.


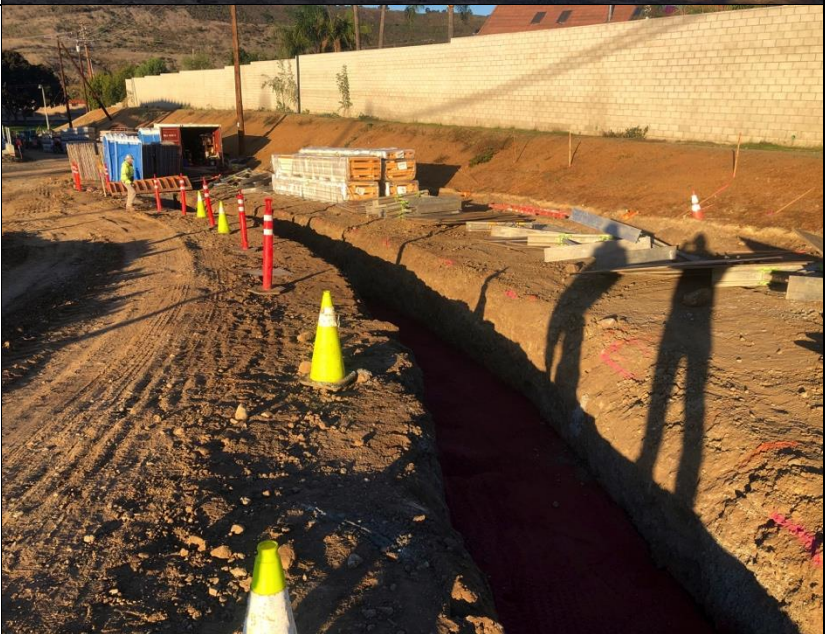
REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
12/19/19	San Juan Capistrano Substation		Photo 3 – Upgrades to the BMPs at the northwestern exit/entry. Photo facing west.
12/19/19	San Juan Capistrano Substation		Photo 4 – Brick installation on the boundary wall. Photo facing south.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
12/19/19	San Juan Capistrano Substation		Photo 5 – Mortar mixing station near the wall work. Photo facing west.
12/19/19	San Juan Capistrano Substation		Photo 6 – Brick control room. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
12/19/19	San Juan Capistrano Substation		Photo 7 – Work on the 138-kV GIS building. Photo facing west.
12/19/19	San Juan Capistrano Substation		Photo 8 – Conduit trench with newly installed piping and poured concrete. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
12/19/19	San Juan Capistrano Substation		Photo 9 – Small drip pan under a large excavator. Photo facing west.
12/19/19	San Juan Capistrano Substation		Photo 10 – Cleanup and patching of the former utility structure. Photo facing north.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
12/19/19	Serra Park, near San Juan Capistrano Substation		Photo 11 – Staging area at east edge of Serra Park. Photo facing west.
12/19/19	Rancho Viejo, near San Juan Capistrano Substation		Photo 12 – Vault work on Rancho Viejo. Photo facing south.

Completed by:	CPUC/E & E Compliance Monitor
Date:	12/30/19

Reviewed by:	Manager
Date:	12/30/19