



April 2, 2019

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

Re: Monthly Report Summary #16 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 **February 1 to 28, 2019**, for the South Orange County Reliability Enhancement (SOCRE) Project in Orange County, California. Compliance monitoring was performed two times between February 1 and 28, 2019, to ensure all project-related activities conducted by San Diego Gas and Electric (SDG&E) and their 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.

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 February 6 and 28, 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 February 2019 were covered under NTP #1, NTP #2, NTP #2 Addendum #1, NTP #3, and NTP #4. Construction activities during February 2019 took place within the San Juan Capistrano Substation site and included continuation of site preparation activities, inspections, overexcavation and recompaction, grading of the north slope, geotechnical borings, constructing and backfilling the south and west screen walls, relocating distribution line C314, and installing transformer bank conduit. In addition, SDG&E conducted routine inspection and maintenance activities between February 1 and 28, 2019. Inspection activities included weekly inspections of the San Juan Capistrano substation boundary for cleanliness as well as weekly Stormwater Pollution Prevention Plan (SWPPP) inspections to ensure there were no best management practice (BMP) deficiencies or potential non-compliance incidents. There were several rain events in February 2019 and BMPs were implemented, which included grading to prevent non-stormwater runoff, installing rock bag check dams, installing straw wattles at

various locations for sediment control, applying effective soil cover to slopes for erosion control, covering all concrete wash outs and waste containers, utilizing 3-inch rock to stabilize the site entrance, reinforcing the access road, and rescheduling construction activities as needed. No deficiencies in SWPPP BMPs were observed or documented in February 2019.

Project compliance during the February 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 February 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 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, and NTP #4.

Compliance Incidents

There were no compliance incidents during February 2019.

Public Concerns

No public complaints were received during February 2019.

Minor Approvals

There were no minor approvals during February 2019.

Sincerely,



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

cc: Katie Basinski, Environmental Project Manager, SDG&E

ATTACHMENT 1

CPUC Site Inspection Reports

February 6 and 28, 2019



South Orange County Reliability Enhancement Project CPUC Site Inspection Form

Project:	South Orange County Reliability Enhancement (SOCRE) Project	Date:	February 6, 2019
Project Proponent:	San Diego Gas & Electric (SDG&E)	Report #:	VS024
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, cool, and calm
CPUC CM (E & E):	Joe Donaldson	Start/End Time:	1200 to 1315
Project NTP(s):	NTP-1, NTP-2, NTP-2 Addendum 1, NTP-3, and NTP-4		

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

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 at the San Juan Capistrano Substation Site at 1200. Due to rain, no work had taken place for several days prior to my site visit and no work was occurring onsite on the day of my site visit. The SDG&E Lead Environmental Coordinator was onsite and said he anticipated work to start up the following day.

The SDG&E Lead Environmental Coordinator and I walked the San Juan Capistrano Substation site to inspect the stormwater best management practices (BMPs). The BMPs were effective and were successfully slowing the flow of rainwater runoff and allowing sediment to settle out (Photo 1). The exposed soil that was hydroseeded before the rain events remained in place (Photo 2).

The catch basin located below the existing 138/12-kilovolt (kV) substation was fairly full (Photo 3). As directed by the SDG&E Lead Environmental Coordinator, construction crews installed a plastic-lined overflow channel to direct rainwater runoff to the rock-lined access road and then into the rock-lined channel at the southwest corner of the San Juan Capistrano Substation site. From there, rainwater runoff enters the exit culvert (Photo 4). According to the SDG&E Lead Environmental Inspector, the pipe redirecting runoff from the existing 138/12-kV substation was damaged and more water had flowed into the catch basin. Construction crews repaired the pipe soon after discovering it was damaged.

Some of the open conduit excavations were full of water (Photo 5). A truck had parked in a muddy portion of the site and the Lead SDG&E Environmental Coordinator directed that the tires be hosed off before the vehicle exited the site (Photo 6).

The SDG&E SOCRE Project Manager was also onsite and we discussed the status of the Project. I indicated that, overall, it was evident that construction crews were making an effort to ensure BMP effectiveness, given the amount of rain the site had received.

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 have hardhat stickers (MM HAZ-3, MM CUL-1). See the mitigation measures (MMs) listed in the observed activities.

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

Check stormwater BMPs and sediment control.

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
2/6/19	San Juan Capistrano Substation		Photo 1 – BMPs near the site entrance. Photo facing north.
2/6/19	San Juan Capistrano Substation		Photo 2 – Exposed soil inside the northern boundary wall. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
2/6/19	San Juan Capistrano Substation		Photo 3 – Catch basin below the existing 138/12-kV substation. Photo facing west.
2/6/19	San Juan Capistrano Substation		Photo 4 – Piping bringing water from the existing 138/12-kV substation down to the exit culvert.
2/6/19	San Juan Capistrano Substation		Photo 5 – Conduit trenches full of water. Photo facing south.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
2/6/19	San Juan Capistrano Substation		Photo 6 – Washing off vehicle tires before exiting the site. Photo facing east

Completed by:	CPUC/E&E Compliance Monitor
Date:	2/19/19

Reviewed by:	Manager
Date:	2/19/19



South Orange County Reliability Enhancement Project CPUC Site Inspection Form

Project:	South Orange County Reliability Enhancement (SOCRE) Project	Date:	February 28, 2019
Project Proponent:	San Diego Gas & Electric (SDG&E)	Report #:	VS025
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:	Overcast and cool with a slight breeze
CPUC CM (E & E):	Joe Donaldson	Start/End Time:	0715 to 0900
Project NTP(s):	NTP-1, NTP-2, NTP-2 Addendum 1, NTP-3, and NTP-4		

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

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 at the San Juan Capistrano Substation site at 0715. Scheduled construction activities on the day of my site visit were limited because most of the wall work had been completed and rain was forecasted.

According to the Lead SDG&E Environmental Coordinator, upgrades to the existing best management practices (BMPs) were scheduled to be completed as soon as possible (Photo 1). The piping bringing rainwater runoff from the existing 138/12-kilovolt (kV) substation was scheduled to be reconnected by the end of the day (Photo 2).

A construction crew was working on conduit and was expecting to slurry the trench later in the day (Photo 3). The crew had rerouted wiring around the site earlier and removed the poles from inside the San Juan Capistrano Substation site.

Earthwork continued at the San Juan Capistrano Substation site; the slope below the northern wall had been cut back to grade (Photo 4). Soil was used to backfill the area behind the western boundary wall (Photo 7), but there was still a fair amount of soil stockpiled onsite (Photo 5). The catch basin below the existing 138/12-kV substation was filled with water; this was a concern, given the amount of stockpiled soil onsite. The SDG&E Lead Environmental Coordinator indicated that the slopes had been sprayed with a soil binder and that they were going to construct a catch basin downslope near the northwest corner of the site. The SDG&E Lead Environmental Coordinator will be monitoring this area during rain events.

The concrete washout station was well-contained and the bins were sealed (Photo 6.)

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 have hardhat stickers (MM HAZ-3, MM CUL-1). See the mitigation measures (MMs) listed in the observed activities.

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

Check stormwater BMPs and sediment control after the upcoming storms.

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
2/28/19	San Juan Capistrano Substation		Photo 1 – BMPs near the San Juan Capistrano Substation site entrance. Photo facing north.
2/28/19	San Juan Capistrano Substation		Photo 2 – Rock lined trench and piping leading to the offsite drain. Photo facing southwest.
2/28/19	San Juan Capistrano Substation		Photo 3 – Conduit work. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS

Date	Location	Photo	Description
2/28/19	San Juan Capistrano Substation		Photo 4 – Slope below the northern boundary wall is now at grade. Photo facing west.
2/28/19	San Juan Capistrano Substation		Photo 5 – Stockpiled soil just below the existing 138/12-kV substation. Photo facing west.
2/28/19	San Juan Capistrano Substation		Photo 6 – Concrete washout station is sealed and contained. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
2/28/19	San Juan Capistrano Substation		Photo 7 – The western boundary wall is now finished and backfilled. Photo facing southwest.

Completed by:	CPUC/E&E Compliance Monitor
Date:	3/5/19

Reviewed by:	Manager
Date:	3/5/19