



October 5, 2018

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

**Re: Monthly Report Summary #10 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 **August 1 to 31, 2018**, for the South Orange County Reliability Enhancement (SOCRE) Project in Orange County, California. Compliance monitoring was performed four times between August 1 and 31, 2018, 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.

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 August 1, 9, 17, and 29, 2018. 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 August 2018 were covered under NTP #1, NTP #2, NTP #2 Addendum #1, and NTP #3. Construction activities during August 2018 took place within the San Juan Capistrano Substation site and included continuation of site preparation activities, conducting surveys, removal and export of concrete and inorganic material, over-excavation and recompaction, hazardous materials abatement (for the roof of former utility structure), full installation of the permanent chain-link security fence along the north property line, excavation of the north screen wall footings, pouring concrete in the north screen wall footings, creating access to the south property line within the substation, and excavation of the south screen wall footings. SDG&E conducted routine inspection and maintenance activities between August 1 and 31, 2018. Inspection activities included weekly inspections of the 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-compliances.

Project compliance during the August 2018 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 August 2018 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, and NTP #3.

### **Compliance Incidents**

There were no compliance incidents during August 2018.

### **Public Concerns**

SDG&E received one public complaint during the August 2018 reporting period. On August 21, 2018, a resident near the San Juan Capistrano Substation called the CPUC regarding the noise and vibration during the three days of demolition of the east wing of the former utility structure. The CPUC forwarded the complaint to SDG&E on August 29, 2018. An SDG&E representative spoke with the resident on August 30, 2018, and advised that the demolition portion of the former utility structure was almost complete and a screen wall, to help attenuate construction noise, would be installed on the north side of the property within the next couple of months. The resident was appreciative of the information and SDG&E committed to check in with the resident in two weeks to be sure there were no additional concerns.

### **Minor Approvals**

There was one minor approval during August 2018:

- Minor Project Refinement (MPR) #2 (August 28, 2018): Temporary workspace on Avenida de la Vista in the city of San Juan Capistrano to facilitate installation of a reclaimed water wharf (hydrant).

Sincerely,



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

cc: Jennifer Kaminsky, Environmental Project Manager, SDG&E

# ATTACHMENT 1

CPUC Site Inspection Reports

August 1, 9, 17, and 29, 2018



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

<b>Project:</b>	South Orange County Reliability Enhancement (SOCRE) Project	<b>Date:</b>	August 1, 2018
<b>Project Proponent:</b>	San Diego Gas & Electric (SDG&E)	<b>Report #:</b>	VS003
<b>Lead Agency:</b>	California Public Utilities Commission (CPUC)	<b>Monitor(s):</b>	CPUC/Ecology and Environment (E & E) Compliance Monitor
<b>CPUC PM:</b>	Andrew Barnsdale, Energy Division	<b>AM/PM Weather:</b>	Early morning fog then clearing, warm, and calm
<b>CPUC CM (E &amp; E):</b>	Joe Donaldson	<b>Start/End Time:</b>	0700 to 1000
<b>Project NTP(s):</b>	NTP-1, NTP-2, NTP-2, Addendum 1 and NTP-3		

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)

<b>Safety and Environmental Awareness Program (SEAP)</b>	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		
<b>Erosion and Dust Control (Air and Water Quality)</b>	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		
<b>Equipment</b>	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		
<b>Work Areas</b>	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

<b>Biology</b>	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	
<b>Cultural and Paleontological Resources</b>	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	
<b>Hazardous Materials</b>	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		
<b>Work Hours and Noise</b>	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 for the 0700 tailboard meeting. The SDG&E Lead Environmental Inspector was at the tailboard meeting along with an archaeological monitor, cultural monitor, and paleontological monitor (APM CUL-2, APM CUL-7, APM CUL-8).

I spoke with the SDG&E Lead Environmental Inspector about the covered materials in the temporary parking area. The SDG&E Lead Environmental Inspector said the materials were soil and asphalt that had been excavated earlier in the project and did not contain hazardous materials.

During my site visit, work was concentrated on clearing and grubbing of the San Juan Capistrano Substation site and the installation of the permanent fencing and barrier wall along the northern boundary. The northern boundary will have a chain-link fence positioned 1 foot off of the property line, then a 9-foot landscaped area, and finally the barrier wall (APM AES-3). Holes were augured for the chain-link fence poles, with larger holes excavated down the slope toward the west (Photos 1 and 2) and smaller holes dug along the level ground to the east (Photo 3). The holes that were drilled the previous day had been left open overnight. I checked these holes for animals, and none were observed. I asked the SDG&E Lead Environmental Inspector if the open holes would be backfilled and/or covered before the end of the workday. The SDG&E Lead Environmental Inspector stated that concrete trucks were scheduled for 1000. The SDG&E Lead Environmental Inspector called me later in the day to report that all of the holes had been backfilled.

Most of the asphalt within the San Juan Capistrano Substation site had been ground up and transported offsite (APM TR-4); a crew was using an excavator to break up and remove the remaining pieces of concrete (APM HAZ-5) (Photo 4).

I noted a crew with a small bobcat working along a portion of the northern boundary and prepping the area for the fence installation (Photo 5).

Water was being used to minimize dust during all of the onsite work (APM AQ-1). Construction representatives said they would be shifting to reclaimed water for dust control (MM PS-1). After leaving the San Juan Capistrano Substation, I drove to the location where water trucks would acquire the reclaimed water but noted no filling equipment installed at this location.

The excavator crew shifted over to remove an existing drainage culvert (Photo 6). The SDG&E Lead Environmental Inspector was concerned that a skunk might be occupying the culvert; therefore, the crew was removing the culvert with caution. There was no olfactory evidence of a skunk while I was observing this work.

The construction site remained very clean (APM AES-1); rumble plates were in place to prevent tracking soil/mud onto the public road (APM AQ-1).

**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)

**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
08/01/18	San Juan Capistrano Substation		Photo 1 – Installation of fencing along the northern property line. Photo facing west.
08/01/18	San Juan Capistrano Substation		Photo 2 – Augured hole that was left open overnight.



REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
08/01/18	San Juan Capistrano Substation		Photo 3 – Auguring holes along the northern boundary. Photo facing west.
08/01/18	San Juan Capistrano Substation		Photo 4 – Crew using an excavator to remove concrete. Photo facing south.
08/01/18	San Juan Capistrano Substation		Photo 5 – Site preparation along the northern boundary. Photo facing east.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
08/01/18	San Juan Capistrano Substation		Photo 6 – Excavator crew removing a drainage culvert. Photo facing west.

Completed by:	CPUC/E & E Compliance Monitor
Date:	08/07/18



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

<b>Project:</b>	South Orange County Reliability Enhancement (SOCRE) Project	<b>Date:</b>	August 9, 2018
<b>Project Proponent:</b>	San Diego Gas & Electric (SDG&E)	<b>Report #:</b>	VS004
<b>Lead Agency:</b>	California Public Utilities Commission	<b>Monitor(s):</b>	CPUC/Ecology and Environment (E & E) Compliance Monitor
<b>CPUC PM:</b>	Andrew Barnsdale, Energy Division	<b>AM/PM Weather:</b>	Smokey haze, mild temperatures, and calm
<b>CPUC CM (E &amp; E):</b>	Joe Donaldson	<b>Start/End Time:</b>	0700 to 0845
<b>Project NTP(s):</b>	NTP-1, NTP-2, NTP-2, Addendum 1 and NTP-3		

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

<b>Biology</b>	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	
<b>Cultural and Paleontological Resources</b>	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	
<b>Hazardous Materials</b>	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		
<b>Work Hours and Noise</b>	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 for the 0700 tailboard meeting. The SDG&E Lead Environmental Inspector was at the tailboard meeting along with an archaeological monitor, cultural monitor, and paleontological monitor (APM CUL-2, APM CUL-7, APM CUL-8). I noted that there were a lot of new construction personnel onsite. The SDG&E Lead Environmental Inspector introduced me and I spoke about my role on the project, my expectations, and my tentative inspection schedule.

On the day of my site visit, I noted that three excavators, two front loaders, one dozer, one large dump truck, and a water truck were onsite.

The area just east of the former utility structure was being over-excavated, with soil eventually being recompacted into the hole (Photo 1). This activity was observed by the onsite monitoring team. A portion of this area exhibited a higher amount of historic material, so several piles of the soil were set aside for additional evaluation (Photo 5). The SDG&E Lead Environmental Inspector said that archaeologists would go through this soil using shovels, but no screening would be conducted. The archaeological monitor told me that two boxes containing historic material found in the soil were being stored at the construction trailer, but nothing found in these soil piles was of significant.

Later in the morning, equipment entered this area and continued with the excavation (Photo 6). Water trucks were using reclaimed water to minimize dust (MM PS-1, APM AQ-1) at this location. Because the offsite reclaimed water hydrant had not been installed, the reclaimed water was being trucked to the San Juan Capistrano Substation site.

A crew was breaking up concrete and separating out the rebar so it could be trucked offsite and recycled (APM HAZ-5) (Photo 2). The SDG&E Lead Environmental Inspector said they have the recycling tags if I wanted to see them.

A new crew was onsite and beginning the demolition work on the former utility structure. The crew was starting the demolition work with the removal of the old roofing material from the east wing (Photo 3). This crew was planning to work on the upcoming Saturday; I spoke with the SDG&E Lead Environmental Inspector and recommended giving the monitors enough advance notice to accommodate the Saturday work schedule.

All of the chain-link fencing had been installed along the northern edge of the San Juan Capistrano Substation site and a small portion of the eastern boundary (Photo 4). A survey crew was lining out the location for the barrier wall (APM AES-3) (Photo 7).

The construction site remains very clean (APM AES-1). Rumble plates were in place to prevent equipment and vehicles from tracking soil/mud onto the public road (APM AQ-1) (Photo 8).

**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)




**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
08/09/18	San Juan Capistrano Substation		Photo 1 – Over-excavation of the area just east of the former utility structure. Photo facing north.
08/09/18	San Juan Capistrano Substation		Photo 2 – Crew using an excavator to break up concrete for recycling. Photo facing north.
08/09/18	San Juan Capistrano Substation		Photo 3 – Demolition crew removing the roofing from the former utility structure. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
08/09/18	San Juan Capistrano Substation		Photo 4 – Chain-link fence installed along the northern boundary. Photo facing west.
08/09/18	San Juan Capistrano Substation		Photo 5 – Stockpiled soil waiting to be evaluated by the archaeologists.
08/09/18	San Juan Capistrano Substation		Photo 6 – Equipment being used for excavation work. Photo facing south.



REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
08/09/18	San Juan Capistrano Substation		Photo 7 – Chain-link fence near the northwest corner of the San Juan Capistrano site. Photo facing west.
08/09/18	San Juan Capistrano Substation		Photo 8 – Rock and rumble plates at the San Juan Capistrano Substation site entrance. Photo facing west.

Completed by:	CPUC/E & E Compliance Monitor
Date:	08/21/18



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

<b>Project:</b>	South Orange County Reliability Enhancement (SOCRE) Project	<b>Date:</b>	August 17, 2018
<b>Project Proponent:</b>	San Diego Gas & Electric (SDG&E)	<b>Report #:</b>	VS005
<b>Lead Agency:</b>	California Public Utilities Commission (CPUC)	<b>Monitor(s):</b>	CPUC/Ecology and Environment (E & E) Compliance Monitor
<b>CPUC PM:</b>	Andrew Barnsdale, Energy Division	<b>AM/PM Weather:</b>	Overcast, warm, and calm
<b>CPUC CM (E &amp; E):</b>	Joe Donaldson	<b>Start/End Time:</b>	0700 to 0900
<b>Project NTP(s):</b>	NTP-1, NTP-2, NTP-2, Addendum 1 and NTP-3		

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)

<b>Safety and Environmental Awareness Program (SEAP)</b>	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		
<b>Erosion and Dust Control (Air and Water Quality)</b>	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		
<b>Equipment</b>	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		
<b>Work Areas</b>	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		

<b>Biology</b>	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	
<b>Cultural and Paleontological Resources</b>	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	
<b>Hazardous Materials</b>	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		
<b>Work Hours and Noise</b>	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 for the 0700 tailboard meeting led by the SDG&E Lead Environmental Inspector. The archaeological monitor and cultural monitor were at the tailboard meeting and would be monitoring the earthwork scheduled that day (APM CUL-2, APM CUL-7, APM CUL-8).

The demolition crew had finished the removal of the roof material on the east wing of the former utility structure (Photo 1) and had begun the roof removal work on the western (main) portion of the structure (Photo 2). Materials were handled properly and were being loaded into dumpsters for transport offsite (APM HAZ-5) (Photo 3). Demolition of the east wing was anticipated to take several weeks, depending on a number of factors (i.e., thickness of the walls and how much rebar was used). Equipment was being stored inside the main portion of the former utility structure (Photo 4).

Photo 5 is looking at the parking area and the wall work north of the former utility structure. Earthwork and stump removal was completed in front of the former utility structure (Photo 6).

Crews continued to work on the boundary wall along the northern and eastern edges of the San Juan Capistrano Substation site, with survey crews lining out the location (APM AES-3) (Photo 7) and using an excavator to dig out the trench for the wall footing (Photo 8). Monitors were observing this work; only historic material had been found, and nothing found was of real significance. I spoke with the construction superintendent and the SDG&E Lead Environmental Inspector about escape ramps for this trench work. While there were earthen ramps at either end of the trench, the trench was several hundred feet long and more ramps were needed. The construction superintendent said additional ramps would be added by the end of the workday.

The construction superintendent told me that demolition work, and possibly tree trimming, would be conducted on Saturday.

Over-excavation work continued in the middle of the San Juan Capistrano Substation site, with soil being stockpiled along the southern border of the property (Photo 9). A water truck was onsite and using reclaimed water for dust control (MM PS-1, APM AQ-1).

The construction site remained clean (APM AES-1), and rumble plates were in place to prevent equipment and vehicles from tracking soil/mud onto the public road (APM AQ-1).

**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)




**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
08/17/18	San Juan Capistrano Substation		Photo 1 – Final cleanup of roof materials on the east wing of the former utility structure. Photo facing south.
08/17/18	San Juan Capistrano Substation		Photo 2 – Removal of roofing material on the main portion of the former utility structure. Photo facing west.
08/17/18	San Juan Capistrano Substation		Photo 3 – Overview of the project site looking east from the roof of the main portion of the former utility structure.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
08/17/18	San Juan Capistrano Substation		Photo 4 – Inside the main portion of the former utility structure.
08/17/18	San Juan Capistrano Substation		Photo 5 – Overview of the project looking to the north.
08/17/18	San Juan Capistrano Substation		Photo 6 – Soil and tree stump removal completed just west of the former utility structure. Photo facing south.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
08/17/18	San Juan Capistrano Substation		Photo 7 – Survey crew lining out the trench needed for the wall footing. Photo facing north.
08/17/18	San Juan Capistrano Substation		Photo 8 – Trench for the wall footing along the northern boundary of the San Juan Capistrano Substation site. Photo facing east.
08/17/18	San Juan Capistrano Substation		Photo 9 – Over-excavation work. Photo facing west.

Completed by:	CPUC/E & E Compliance Monitor
Date:	08/27/18





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

<b>Project:</b>	South Orange County Reliability Enhancement (SOCRE) Project	<b>Date:</b>	August 29, 2018
<b>Project Proponent:</b>	San Diego Gas & Electric (SDG&E)	<b>Report #:</b>	VS006
<b>Lead Agency:</b>	California Public Utilities Commission (CPUC)	<b>Monitor(s):</b>	CPUC/Ecology and Environment (E & E) Compliance Monitor
<b>CPUC PM:</b>	Andrew Barnsdale, Energy Division	<b>AM/PM Weather:</b>	Partly cloudy and calm with mild temperatures
<b>CPUC CM (E &amp; E):</b>	Joe Donaldson	<b>Start/End Time:</b>	0700 to 0845
<b>Project NTP(s):</b>	NTP-1, NTP-2, NTP-2, Addendum 1 and NTP-3		

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)

<b>Safety and Environmental Awareness Program (SEAP)</b>	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		
<b>Erosion and Dust Control (Air and Water Quality)</b>	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		
<b>Equipment</b>	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		
<b>Work Areas</b>	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		

<b>Biology</b>	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	
<b>Cultural and Paleontological Resources</b>	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	
<b>Hazardous Materials</b>	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		
<b>Work Hours and Noise</b>	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 for the 0700 tailboard meeting (Photo 1). The SDG&E Lead Environmental Inspector was the onsite environmental coordinator on the day of my site visit. Concrete trucks were scheduled to arrive at 0900.

A cultural monitor and paleontological monitor were onsite to monitor earthwork (APM CUL-2, APM CUL-7, APM CUL-8). An archaeological monitor was also onsite. The SDG&E Lead Environmental Inspector told me that earthwork may not take place during the day of my visit; if it was determined that no earthwork would occur, the monitors would be sent home. The cultural monitor said they had unearthed an old septic tank and trash pit revealing material from around the 1930s.

Work was continuing on the boundary wall foundation, and concrete trucks were arriving to pour the easternmost portion of the wall (Photo 2). Most of the northern portion of the wall had already been poured (Photo 3). Concrete washout basins were in place and had proper coverage and containment (Photo 4). There were no escape ramps within the open trench. I surveyed the trench for animals and did not observe any. I discussed the lack of escape ramps with the SDG&E Lead Environmental Inspector. The SDG&E Lead Environmental Inspector agreed that escape ramps were needed, despite the site being highly disturbed and the lack of evidence that animals were present or using the site.

The east wing of the former utility structure has been reduced to a pile of rubble (Photo 5). This material was to be processed on the day of my site visit and then hauled offsite the following day. Removal of the roofing material on the remaining former utility structure had been completed.

Other piles of concrete and asphalt remain at the San Juan Capistrano Substation site, but are scheduled to be hauled off and recycled (Photo 7).

Additional earthwork was completed within the area west of the former utility structure (Photo 6) and along the southern border of the San Juan Capistrano Substation site (Photo 8). The SDG&E Lead Environmental Inspector said they would begin work on the southern boundary wall, but would first excavate the trench for the wall foundation.

A water truck was using reclaimed water for dust control (MM PS-1, APM AQ-1).

The construction site remained clean (APM AES-1), with drip pans located under parked equipment.

A second exit/entry had been opened just north of the former utility structure with the proper rock and rumble plates in place to prevent equipment and vehicles from tracking soil/mud onto the public road (APM AQ-1) (Photo 9).

**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)

Install escape ramps.

**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
08/29/18	San Juan Capistrano Substation		Photo 1 – 0700 tailboard meeting. Photo facing northwest.
08/29/18	San Juan Capistrano Substation		Photo 2 – Border wall foundation ready to be poured. Photo facing north.
08/29/18	San Juan Capistrano Substation		Photo 3 – Border wall foundation. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
08/29/18	San Juan Capistrano Substation		Photo 4 – Properly covered and contained concrete washout bin. Photo facing west.
08/29/18	San Juan Capistrano Substation		Photo 5 – Remains of the east wing of the former utility structure. Photo facing north.
08/29/18	San Juan Capistrano Substation		Photo 6 – Earthwork just west of the former utility structure. Photo facing north.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
08/29/18	San Juan Capistrano Substation		Photo 7 – Recycle piles of asphalt and concrete. Photo facing north.
08/29/18	San Juan Capistrano Substation		Photo 8 – Earthwork along the southern boundary of the San Juan Capistrano Substation site. Photo facing west.
08/29/18	San Juan Capistrano Substation		Photo 9 – Second exit/entry installed with rock and rumble plates. Photo facing west.

Completed by:	CPUC/E & E Compliance Monitor
Date:	09/4/18