



October 26, 2018

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

**Re: Monthly Report Summary #11 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 **September 1 to 30, 2018**, for the South Orange County Reliability Enhancement (SOCRE) Project in Orange County, California. Compliance monitoring was performed four times between September 1 and 30, 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 September 6, 13, 20, and 27, 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 September 2018 were covered under NTP #1, NTP #2, NTP #2 Addendum #1, and NTP #3. Construction activities during September 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 asphalt material, over-excavation and recompaction, hazardous materials abatement (for lead paint abatement), construction of the south screen wall footing, demolition of the east wing foundations, construction of the new substation security fence, installation of two 12-kV vaults, and construction of the north masonry screen wall. In addition, use of the minor project refinement (MPR)-1 work space was initiated with the south temporary fence relocation. SDG&E conducted routine inspection and maintenance activities between September 1 and 30, 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 September 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 September 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 September 2018.

### **Public Concerns**

SDG&E did not receive any public complaints during September 2018. SDG&E continues to follow up with residents on the complaint reported in the August 2018 monthly report regarding noise and vibration associated with demolition of the east wing of the former utility structure. SDG&E completed noise monitoring during September to ensure project compliance. While the results of the noise monitoring are not yet available, preliminary results indicate compliance with noise requirements.

### **Minor Approvals**

There were no minor approvals during September 2018.

Sincerely,



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

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

# ATTACHMENT 1

CPUC Site Inspection Reports  
September 6, 13, 20, and 27, 2018



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

<b>Project:</b>	South Orange County Reliability Enhancement (SOCRE) Project	<b>Date:</b>	September 6, 2018
<b>Project Proponent:</b>	San Diego Gas & Electric (SDG&E)	<b>Report #:</b>	VS007
<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, cool, and calm
<b>CPUC CM (E &amp; E):</b>	Joe Donaldson	<b>Start/End Time:</b>	0700 to 0830
<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. The SDG&E Lead Environmental Inspector was at the tailboard meeting along with an archaeological monitor and a cultural resources monitor (APM CUL-2, APM CUL-7, APM CUL-8).

During this site visit, numerous construction crews were onsite. Work continued on the perimeter walls, including excavation for the foundation and installation of rebar (Photo 1). Concrete was scheduled to be poured on Monday, September 10, 2018. A number of wooden escape ramps were not properly installed within the boundary wall trench; I observed that some of the ramps were too steep while some did not reach the ground in the trench. I examined these ramps with the SDG&E Lead Environmental Inspector and we discussed the best methods for installing the ramps. The SDG&E Lead Environmental Inspector indicated a discussion with the construction crew will occur regarding the ramps. I emphasized that it would be especially important to properly install the ramps because the trenches were to remain open over the weekend.

Earthwork continued within the central portion of the San Juan Capistrano Substation site, with soil being moved and compacted (Photo 2). The cultural resources and archaeological monitors were observing this work. The SDG&E Lead Environmental Inspector indicated that a paleontological monitor had been onsite the previous day and indicated that this activity did not need paleontological monitoring.

A vacuum truck was onsite and preparing to excavate multiple holes within the San Juan Capistrano Substation site (Photo 3). The excavated material would be deposited in a manner such that the monitors could examine it.

The northern and eastern perimeter wall foundation pours had been completed (Photo 4). I checked the trench walls with the SDG&E Lead Environmental Inspector and we discussed the need for escape ramps. We both agreed that additional ramps should be added, and I suggested that a soil escape ramp should be cut by the crew. Concrete washout basins were in place and had proper coverage and containment (Photo 5).

Cleanup of the former utility structure was nearly complete (Photo 6); lead paint removal was required on the west facing windows.

Water trucks continued to minimize dust generated during construction activities (MM PS-1, APM AQ-1).

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

**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, APM CUL-1, 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)

Escape ramp installation.

**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
9/06/18	San Juan Capistrano Substation		Photo 1 – Work on the southern perimeter wall's foundation. Photo facing west.
9/06/18	San Juan Capistrano Substation		Photo 2 – Earthwork within the central portion of the San Juan Capistrano Substation site. Photo facing north.
9/06/18	San Juan Capistrano Substation		Photo 3 – Vacuum equipment used to excavate holes within the San Juan Capistrano Substation site. Photo facing east.



REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
9/06/18	San Juan Capistrano Substation		Photo 4 – Work on the eastern perimeter wall. Photo facing south.
9/06/18	San Juan Capistrano Substation		Photo 5 – Properly covered and contained concrete washout basins. Photo facing west.
9/06/18	San Juan Capistrano Substation		Photo 6 – Work around the former utility structure. Photo facing south.

<b>Completed by:</b>	CPUC/E & E Compliance Monitor
<b>Date:</b>	9/11/18



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

<b>Project:</b>	South Orange County Reliability Enhancement (SOCRE) Project	<b>Date:</b>	September 13, 2018
<b>Project Proponent:</b>	San Diego Gas & Electric (SDG&E)	<b>Report #:</b>	VS008
<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 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. The SDG&E Lead Environmental Inspector was at the tailboard meeting along with an archaeological monitor and a cultural resources monitor (APM CUL-2, APM CUL-7, APM CUL-8). The SDG&E Lead Environmental Inspector indicated that less soil would be moved on this day than originally anticipated; therefore, a paleontological monitor was not needed onsite. After the tailboard meeting, several construction personnel attended environmental training.

The southern perimeter wall's foundation had been poured earlier in the week (Photo 1). The trench walls were still tall enough to trap animals; accordingly, construction crews placed escape ramps in the trench. The escape ramps were properly installed and in good condition. Fence installation continued onsite (Photo 2). Work on the northern perimeter wall was temporarily on hold (Photo 3).

The foundation from the east wing of the former utility structure had been removed and stockpiled onsite (Photo 4). This material will be processed and recycled. Crews continued with excavation and recompaction of soil in and around the former utility structure using a bulldozer, excavator, front loader, and vibrating compactor (Photo 5). A piece of equipment was parked and had containment set up underneath its leaking hydraulic line (Photo 6).

A crew continued to remove lead paint from the former utility structure's windows (Photo 7). Air sampling equipment was being used during lead paint removal (Photo 8).

Dust control using water trucks with reclaimed water continued onsite (MM PS-1, APM AQ-1). Concrete washout bins were being utilized, and the construction site remained clean (APM AES-1). Drip pans were placed under the parked equipment.

**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, APM CUL-1, 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
9/13/18	San Juan Capistrano Substation		Photo 1 – Work on the southern perimeter wall foundation. Photo facing west.
9/13/18	San Juan Capistrano Substation		Photo 2 – Fence installation within the existing San Juan Capistrano Substation site. Photo facing east.
9/13/18	San Juan Capistrano Substation		Photo 3 – Northern perimeter wall foundation. Photo facing west.



REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
9/13/18	San Juan Capistrano Substation		Photo 4 – Materials stockpiled onsite. Photo facing south.
9/13/18	San Juan Capistrano Substation		Photo 5 – Equipment working in the area around the former utility structure. Photo facing south.
9/13/18	San Juan Capistrano Substation		Photo 6 – Containment of leaking equipment.



REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
9/13/18	San Juan Capistrano Substation		Photo 7 – Lead paint removal at the former utility structure. Photo facing north.
9/13/18	San Juan Capistrano Substation		Photo 8 – Air sampling equipment at the former utility structure.

<b>Completed by:</b>	CPUC/E & E Compliance Monitor
<b>Date:</b>	9/19/18



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

<b>Project:</b>	South Orange County Reliability Enhancement (SOCRE) Project	<b>Date:</b>	September 20, 2018
<b>Project Proponent:</b>	San Diego Gas & Electric (SDG&E)	<b>Report #:</b>	VS009
<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, cool, 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. The SDG&E Lead Environmental Inspector was at the tailboard meeting along with an archaeological monitor and a cultural resources monitor (APM CUL-2, APM CUL-7, APM CUL-8).

On the day of my site visit, construction activities focused on the installation of conduit vaults. One conduit vault had been installed; the second conduit vault was scheduled to arrive later in the morning (Photo 1). These vaults are located along the western edge of the San Juan Capistrano Substation site and safety measures were in place around each vault location. The SDG&E Lead Environmental Inspector checked the excavations for wildlife ahead of construction activities. The plan was to slurry in both vaults the day after my site visit. Removal of lead paint from the former utility structure was on hold until the vaults were installed. Work on the northern perimeter wall foundation was complete, but wall installation was still on hold (Photo 2).

All asphalt from the San Juan Capistrano Substation site had been removed and recycled; piles of concrete remained onsite and will be hauled off and recycled (Photo 3). Several racks were removed within the San Juan Capistrano Substation site. The metal was being broken up and recycled (Photo 4). Construction crews were preparing to remove the old foundations within the San Juan Capistrano Substation site; cultural monitors were monitoring removal of the old foundations.

Construction crews set up a containment system for a number of 50-gallon drums. The containment system was in good condition (Photo 5).

The foundation for the southern perimeter wall had been poured and escape ramps were in place (Photo 6).

Two noise monitors had been installed on either side of the San Juan Capistrano Substation site; one noise monitor was attached to the northern chain link fence (Photo 7), and the other noise monitor was located outside of the southern fence and closer to residences.

Water trucks using reclaimed water continued to minimize the dust resulting from construction activities (MM PS-1, 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, APM CUL-1, 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
9/20/18	San Juan Capistrano Substation		Photo 1 – Vault installation. Photo facing south.
9/20/18	San Juan Capistrano Substation		Photo 2 – Northern perimeter wall foundation. Photo facing east.
9/20/18	San Juan Capistrano Substation		Photo 3 – Stockpile area with concrete rubble to be recycled. Photo facing southwest.



REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
9/20/18	San Juan Capistrano Substation		Photo 4 – Removal of old rack structures within the San Juan Capistrano substation site. Photo facing south.
9/20/18	San Juan Capistrano Substation		Photo 5 – Hazardous materials containment. Photo facing south.
9/20/18	San Juan Capistrano Substation		Photo 6 – Southern perimeter wall construction. Photo facing west.



REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
9/20/18	San Juan Capistrano Substation		Photo 7 – Noise monitoring device attached to the northern chain link fence.

<b>Completed by:</b>	CPUC/E & E Compliance Monitor
<b>Date:</b>	10/03/18



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

<b>Project:</b>	South Orange County Reliability Enhancement (SOCRE) Project	<b>Date:</b>	September 27, 2018
<b>Project Proponent:</b>	San Diego Gas & Electric (SDG&E)	<b>Report #:</b>	VS010
<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, cool, 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 0715 tailboard meeting. The SDG&E Lead Environmental Inspector was at the tailboard meeting along with an archaeological monitor, a cultural resources monitor, and a paleontological monitor (APM CUL-2, APM CUL-7, APM CUL-8). The day's construction activities were focused on excavation work taking place at a number of locations within the San Juan Capistrano Substation site.

The SDG&E Lead Environmental Inspector indicated that the noise monitoring results were not yet available.

Both of the conduit vaults had been installed and backfilled, and the northern entrance to the San Juan Capistrano Substation site had been reopened (Photo 1). Over-excavation and recompaction work on the south side of the former utility structure was ongoing. The onsite monitors were overseeing these activities (Photo 8). Soil was being mined from the road bank west of the former utility structure because extra soil was required for the over-excavation and recompaction activities (Photo 6). These activities were also being overseen by onsite monitors.

Tower and rack foundations have been excavated from within the San Juan Capistrano Substation site. These materials will be stockpiled onsite until it can be broken up and recycled (Photo 2). Some foundations remain within the San Juan Capistrano Substation site (Photo 5).

Installation of the northern perimeter wall was ongoing (Photo 4). A grout mixing station was set up onsite; proper containment was in place (Photo 3).

No work was taking place on the southern perimeter wall; trenches were open and proper wooden escape ramps were installed (Photo 7).

Water trucks using reclaimed water continued to minimize dust created by construction activities (MM PS-1, APM AQ-1). 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, APM CUL-1, 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)

Review noise monitoring results when they become available.

**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
9/27/18	San Juan Capistrano Substation		Photo 1 – Project parking and northern entrance. Photo facing west.
9/27/18	San Juan Capistrano Substation		Photo 2 – Old tower foundations stockpiled onsite. Photo facing south.
9/27/18	San Juan Capistrano Substation		Photo 3 – Grout mixing station. Photo facing south.



REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
9/27/18	San Juan Capistrano Substation		Photo 4 – Brick installation on the northern perimeter wall. Photo facing west.
9/27/18	San Juan Capistrano Substation		Photo 5 – Rack foundation within the San Juan Capistrano Substation site to be removed. Photo facing south.
9/27/18	San Juan Capistrano Substation		Photo 6 – Over-excitation work. Photo facing southwest.



REPRESENTATIVE SITE PHOTOGRAPHS			
Date	Location	Photo	Description
9/27/18	San Juan Capistrano Substation		Photo 7 – Open trench for the southern perimeter wall foundation. Photo facing west.
9/27/18	San Juan Capistrano Substation		Photo 8 – Excavation and recompaction work south of the former utility structure. Photo facing west.

<b>Completed by:</b>	CPUC/E & E Compliance Monitor
<b>Date:</b>	10/12/18