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August 21, 2019

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

Re: Monthly Report Summary #20 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 **June 1 to 30, 2019**, for the South Orange County Reliability Enhancement (SOCRE) Project in Orange County, California. Compliance monitoring was performed four times between June 1 and 30, 2019, to ensure all project-related activities conducted by San Diego Gas and Electric (SDG&E) and its contractors were in compliance with the Final Environmental Impact Report (Final EIR) for the SOCRE Project, as adopted by the California Public Utilities Commission (CPUC) on December 15, 2016.

The CPUC has issued the following Notices to Proceed (NTPs) for the SOCRE Project to SDG&E:

- NTP-1 (October 13, 2017): Geotechnical investigation and hazardous materials abatement at the future San Juan Capistrano Substation.
- NTP-2 (December 18, 2017): Conduct site preparation activities and construction staging at the future San Juan Capistrano Substation.
- NTP-2 Addendum 1 (March 23, 2018): Modified alignment of the interior fence separating the upper and lower yards, removal of three de-energized 138-kilovolt (kV) rack structures, and associated hazardous materials abatement activities.
- NTP-3 (April 27, 2018): Rebuild and upgrade of the San Juan Capistrano Substation.
- NTP-4 (October 29, 2018): Transmission and Distribution Line Work.

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 June 7, 13, 20, and 27, 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 June 2019 were covered under NTP-1, NTP-2, NTP-2 Addendum 1, NTP-3, NTP-4, Minor Project Refinement (MPR) -1, MPR-1 Addendum 1, and MPR-3. Construction activities during June 2019 took place within and adjacent to the San Juan Capistrano Substation site and included: continuation of site preparation activities; conducting inspections and surveys; backfilling, grading and recompaction at the 138-kV gas-insulated substation (GIS) pad; pouring concrete for the 138-kV GIS retaining wall footing; sub-drain installation at the 138-kV GIS retaining wall; application of masonry screen wall anti-graffiti coating; pouring concrete encasement for 138-kV GIS underground conduit; backfill and repaving at the south storm drain on Camino Capistrano; north storm drain construction on Camino Capistrano; backfill at the south modular wetland system; and excavating and setting the north modular wetland system. In addition, SDG&E conducted routine inspection and maintenance

activities between June 1 and 30, 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. No deficiencies in SWPPP BMPs were observed or documented during June 2019.

Project compliance during the June 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 June 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, NTP-4, MPR-1, MPR-1 Addendum 1, and MPR-3.

Compliance Incidents

There were no compliance incidents during June 2019.

Public Concerns

No public complaints were received during June 2019.

Minor Approvals

There was one minor approval in June 2019. MPR-3 was approved on June 25, 2019. This minor approval is for the use of additional temporary work areas extending from the north and south borders of the temporary work area in the City of San Juan Capistrano's Long Park (and public right-of-way), previously approved under NTP-4. SDG&E requested the additional work areas to facilitate the underground distribution line (e.g., jack and bore) and overhead transmission line work.

Sincerely,

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

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

ATTACHMENT 1

CPUC Site Inspection Reports

June 7, 13, 20, and 27, 2019

South Orange County Reliability Enhancement Project
CPUC Site Inspection Form

Project:	South Orange County Reliability Enhancement (SOCRE) Project	**Date:**	June 7, 2019
Project Proponent:	San Diego Gas & Electric (SDG&E)	**Report #:**	VS036
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, cool, and calm
CPUC CM (E & E):	Joe Donaldson	**Start/End time:**	0645 to 0845
Project NTP(s):	Notice to Proceed (NTP) -1, NTP-2, NTP-2 Addendum 1, NTP-3, and NTP-4; Minor Project Refinement (MPR) -1, MPR-1 Addendum 1, and MPR-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 are in place to stabilize soils and effectively suppress fugitive dust?	X		
Equipment	Yes	No	N/A
Are observed vehicles maintaining a speed limit of 15 mph on unpaved roads?	X		
Are observed vehicles/equipment arriving onsite clean of sediment or plant debris?	X		
Are observed vehicles/equipment turned off when not in use?	X		
Work Areas	Yes	No	N/A
Is exclusionary fencing or flagging in place to protect sensitive biological or cultural resources?			X
Are observed vehicles, equipment, and construction personnel staying within approved work areas and on approved roads?	X		
Are excavations and trenches covered at the end of the day?	X		
Are wildlife escape ramps installed at 100-foot intervals with ramps not exceeding 2:1 slopes?	X		

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

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

San Juan Capistrano Substation.

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

I arrived onsite at 0645 and attended the morning tailboard meeting. I spoke briefly about my role on the project.

Construction crews continued their work on the retaining wall for the new 138-kilovolt (kV) gas-insulated substation (GIS) building. On the day of my site visit, the crews were finishing the concrete pour for the retaining wall (Photo 3). The SDG&E Lead Environmental Inspector was onsite and said that crews estimated the retaining wall would require 120 cubic yards of concrete, or between 12 to 15 truckloads. The pumper truck arrived while I was onsite and began setting up for the job (Photo 9). The concrete pour began at around 0815 and was estimated to be complete by 1400. After the pour is complete, construction crews will focus on cleanup work.

Part of the modular wetland system has been installed near the southern entrance to the San Juan Capistrano Substation site (Photo 1). Conduit work was being conducted within the 138-kV GIS building pad (Photo 2).

I spoke with SDG&E Lead Environmental Inspector about trash I had noted within the construction area. The SDG&E Lead Environmental Inspector said that the construction crews would complete a site-wide cleanup before the weekend. I also noted a small concrete washout area by the water tower (Photo 4) that needed cleanup. Later in the day, the SDG&E Lead Environmental Inspector sent a photo and description of the washout cleanup that had been conducted by the crews.

Two conduit trenches near the northern edge of the site remained partially open (Photo 5). The conduit pipes were capped, but neither trench had an exit ramp (Photo 6). I pointed this out to the SDG&E Lead Environmental Inspector and we discussed whether to install escape ramps or cover the trench openings. Later in the day, the SDG&E Lead Environmental Inspector sent a photo showing the two trenches covered with metal plates and sheets of plywood (Photo 7).

In the staging area near the east end of the San Juan Capistrano Substation site, I noted plastic bottles on the ground (Photo 8). I spoke with the SDG&E Lead Environmental Inspector about cleaning up this area.

House sparrows appeared to be nesting in the existing substation next to the staging area. Nesting by this bird species is not an issue for the construction effort.

Work within Camino Capistrano continued on the day of my site visit. Traffic control crews were setting up in the roadway (Photo 10). The crew planned to saw-cut the asphalt and concrete for the northern piping. The southern piping has been installed and the road has been repaved (Photo 11).

The SDG&E Lead Environmental Inspector said that SDG&E will be holding a public outreach program in regard to the SOCRE project on Saturday, June 8, 2019.

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**
6/7/19	San Juan Capistrano Substation		Photo 1 – Installation of a portion of the modular wetland system. Photo facing west.
6/7/19	San Juan Capistrano Substation		Photo 2 – Conduit work within the 138-kV GIS building pad. Photo facing south.
6/7/19	San Juan Capistrano Substation		Photo 3 – Western portion of the 138-kV GIS building retaining wall. Photo facing north.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
6/7/19	San Juan Capistrano Substation		Photo 4 – Concrete washout area near the water tower. Photo facing southwest.
6/7/19	San Juan Capistrano Substation		Photo 5 – Two open conduit trenches. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
6/7/19	San Juan Capistrano Substation		Photo 6 – Open conduit trench with no escape ramp.
6/7/19	San Juan Capistrano Substation		Photo 7 – Photo taken by the SDG&E Lead Environmental Inspector later in the day showing the covered conduit trenches. Photo facing east.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
6/7/19	San Juan Capistrano Substation		Photo 8 – Plastic containers of brick sealant that need to be cleaned up.
6/7/19	San Juan Capistrano Substation		Photo 9 – Pumping unit in place for pouring concrete for the retaining wall. Photo facing west.
6/7/19	San Juan Capistrano Substation		Photo 10 – Traffic control procedures in place on Camino Capistrano for cutting the pavement for the northern crossing.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
6/7/19	San Juan Capistrano Substation		Photo 11 – Pipes crossing Camino Capistrano have been installed at the southern crossing location.

Completed by:	CPUC/E&E Compliance Monitor
Date:	6/12/19

Reviewed by:	Manager
Date:	06/12/19

South Orange County Reliability Enhancement Project
CPUC Site Inspection Form

Project:	South Orange County Reliability Enhancement (SOCRE) Project	**Date:**	June 13, 2019
Project Proponent:	San Diego Gas & Electric (SDG&E)	**Report #:**	VS037
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, cool, and calm
CPUC CM (E & E):	Joe Donaldson	**Start/End time:**	1200 to 1330
Project NTP(s):	Notice to Proceed (NTP) -1, NTP-2, NTP-2 Addendum 1, NTP-3, and NTP-4; Minor Project Refinement (MPR) -1, MPR-1 Addendum 1, and MPR-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 are in place to stabilize soils and effectively suppress fugitive dust?	X		
Equipment	Yes	No	N/A
Are observed vehicles maintaining a speed limit of 15 mph on unpaved roads?	X		
Are observed vehicles/equipment arriving onsite clean of sediment or plant debris?	X		
Are observed vehicles/equipment turned off when not in use?	X		
Work Areas	Yes	No	N/A
Is exclusionary fencing or flagging in place to protect sensitive biological or cultural resources?			X
Are observed vehicles, equipment, and construction personnel staying within approved work areas and on approved roads?	X		
Are excavations and trenches covered at the end of the day?	X		
Are wildlife escape ramps installed at 100-foot intervals with ramps not exceeding 2:1 slopes?	X		

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

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

San Juan Capistrano Substation.

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

I arrived onsite at 1200. I signed in and met with the SDG&E Lead Environmental Inspector.

Excavation work was being conducted within Camino Capistrano at the northern crossing (Photo 2). Asphalt and trench spoils were stockpiled within the San Juan Capistrano Substation site just west of the former utility structure (Photo 1). The trench was approximately 10 feet deep (Photo 5); the SDG&E Lead Environmental Inspector had an archeological resources monitor and a cultural resources monitor onsite. The trenching work was almost complete on the day of my site visit, and the archeological monitor stated that no cultural material had been observed. According to the SDG&E Lead Environmental Inspector, the crew planned to finish the trenching into the San Juan Capistrano Substation site and then excavate the smaller modular wetland system before installing the pipe. The archaeological and cultural resource monitors would be onsite for the remainder of this earthwork.

The retaining wall had been poured with concrete, and crews were stripping off the foundation forms (Photos 3 & 4).

I looked at the covered conduit trenches and they were sufficiently sealed (Photo 6). Construction crews were working on sealing the retaining wall and were installing the water piping (Photo 7).

Conduit work continued, with concrete forms being installed. Some areas within the 138-kilovolt (kV) gas-insulated substation (GIS) building pad (Photo 8) had been poured during my previous site visit.

Concrete washout bins (Photo 9) and trash bins were covered. A water truck was onsite because the weather has been dry and warm, and dust suppression was needed (Photo 9).

The SDG&E Lead Environmental Inspector said that the SDG&E public outreach program (held the prior weekend) went well.

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**
6/13/19	San Juan Capistrano Substation		Photo 1 – Stockpiled material from the road crossing work. Photo facing south.
6/13/19	San Juan Capistrano Substation		Photo 2 – Trenching across Camino Capistrano. Photo facing north.
6/13/19	San Juan Capistrano Substation		Photo 3 – Retaining wall. Photo facing southeast.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
6/13/19	San Juan Capistrano Substation		Photo 4 – Stripping forms off of the retaining wall. Photo facing west.
6/13/19	San Juan Capistrano Substation		Photo 5 – Pipe trench across Camino Capistrano. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
6/13/19	San Juan Capistrano Substation		Photo 6 – Covered conduit trench. Photo facing west.
6/13/19	San Juan Capistrano Substation		Photo 7 – Moisture sealant work on the wall; conduit work. Photo facing north.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
6/13/19	San Juan Capistrano Substation		Photo 8 – Newly poured concrete. Photo facing southeast.
6/13/19	San Juan Capistrano Substation		Photo 9 – Water truck; concrete washout bins. Photo facing south.

Completed by:	CPUC/E&E Compliance Monitor
Date:	6/15/19

Reviewed by:	Manager
Date:	6/15/19

South Orange County Reliability Enhancement Project
CPUC Site Inspection Form

Project:	South Orange County Reliability Enhancement (SOCRE) Project	**Date:**	June 20, 2019
Project Proponent:	San Diego Gas & Electric (SDG&E)	**Report #:**	VS038
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:**	0645 to 0830
Project NTP(s):	Notice to Proceed (NTP) -1, NTP-2, NTP-2 Addendum 1, NTP-3, and NTP-4; Minor Project Refinement (MPR) -1, MPR-1 Addendum 1, and MPR-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 are in place to stabilize soils and effectively suppress fugitive dust?	X		
Equipment	Yes	No	N/A
Are observed vehicles maintaining a speed limit of 15 mph on unpaved roads?	X		
Are observed vehicles/equipment arriving onsite clean of sediment or plant debris?	X		
Are observed vehicles/equipment turned off when not in use?	X		
Work Areas	Yes	No	N/A
Is exclusionary fencing or flagging in place to protect sensitive biological or cultural resources?			X
Are observed vehicles, equipment, and construction personnel staying within approved work areas and on approved roads?	X		
Are excavations and trenches covered at the end of the day?	X		
Are wildlife escape ramps installed at 100-foot intervals with ramps not exceeding 2:1 slopes?	X		

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

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

San Juan Capistrano Substation.

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

I arrived onsite at 0650 and attended the morning tailboard meeting. The SDG&E Lead Environmental Inspector mentioned that dust control efforts will increase, especially later in the day. The construction foreman said they were planning a 100-cubic-yard concrete pour for the next day within the San Juan Capistrano Substation site.

After the tailboard meeting, I inspected the parked equipment and noted that the drip pans were cracked and needed to be replaced. In addition, their placement under the equipment was not effective (Photo 1). The construction superintendent was nearby and we briefly discussed this issue. I also pointed it out to the equipment operators. Later in the morning, I met with the SDG&E Lead Environmental Inspector about this issue.

Backfilling work had begun behind the new retaining wall (Photo 2). Later in the morning, an excavator began trenching through the newly backfilled area (Photo 3).

Conduit work was being conducted within the 138-kilovolt (kV) gas-insulated substation (GIS) building pad (Photo 4), along with ongoing installation of the moisture barrier on the retaining wall (Photo 5).

Some equipment was now being brought onsite and being staged (Photo 6).

Some grading was being conducted on the slope southwest of the construction trailer pad. The excess soil was being used for backfilling operations (Photo 7).

Excavation work has been completed for the smaller, northern, modular wetland system (Photo 8) and the associated road crossing, which had been covered with steel plates (Photo 9). The modular wetland system was installed. A crew was removing the shoring around the modular wetland system. Pipe installation and backfilling will be conducted next.

Spoil from the road trench and wetland excavation was stockpiled in the area between the utility building and Camino Capistrano (Photo 10). I spoke with the SDG&E Lead Environmental Inspector about watering these piles or covering them for dust control since it may be several days before this material will be utilized. The SDG&E Lead Environmental Inspector had the crew tamp down the piles and spray them with water (Photo 11).

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

All project personnel have 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 on drip pan 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**
6/20/19	San Juan Capistrano Substation		Photo 1 – Cracked/broken drip pan under equipment.
6/20/19	San Juan Capistrano Substation		Photo 2 – Backfilling behind the retaining wall. Photo facing west.
6/20/19	San Juan Capistrano Substation		Photo 3 – Trenching work being conducted within the newly backfilled building site. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
6/20/19	San Juan Capistrano Substation		Photo 4 – Conduit work continues at the GIS building pad. Photo facing south.
6/20/19	San Juan Capistrano Substation		Photo 5 – Moisture protection work continues on the retaining wall. Photo facing northwest.
6/20/19	San Juan Capistrano Substation		Photo 6 – Equipment staged onsite. Photo facing north.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
6/20/19	San Juan Capistrano Substation		Photo 7 – Excess soil being used for backfill. Photo facing west.
6/20/19	San Juan Capistrano Substation		Photo 8 – Northern modular wetland system has been installed. Photo facing west.
6/20/19	San Juan Capistrano Substation		Photo 9 – Camino Capistrano has been trenched and covered with steel plates. Photo facing west.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
6/20/19	San Juan Capistrano Substation		Photo 10 – Spoil material from the excavation of Camino Capistrano and the modular wetland system. Photo facing south.
6/20/19	San Juan Capistrano Substation		Photo 11 – This photo was provided by the SDG&E Lead Environmental Inspector showing the actions taken to minimize dust from the spoil piles. Photo facing north.

Completed by:	CPUC/E&E Compliance Monitor
Date:	6/24/19

Reviewed by:	Manager
Date:	6/25/19

South Orange County Reliability Enhancement Project
CPUC Site Inspection Form

Project:	South Orange County Reliability Enhancement (SOCRE) Project	**Date:**	June 27, 2019
Project Proponent:	San Diego Gas & Electric (SDG&E)	**Report #:**	VS039
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, cool, and calm
CPUC CM (E & E):	Joe Donaldson	**Start/End time:**	0800 to 0930
Project NTP(s):	Notice to Proceed (NTP) -1, NTP-2, NTP-2 Addendum 1, NTP-3, and NTP-4; Minor Project Refinement (MPR) -1, MPR-2 Addendum 1, and MPR-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 are in place to stabilize soils and effectively suppress fugitive dust?	X		
Equipment	Yes	No	N/A
Are observed vehicles maintaining a speed limit of 15 mph on unpaved roads?	X		
Are observed vehicles/equipment arriving onsite clean of sediment or plant debris?	X		
Are observed vehicles/equipment turned off when not in use?	X		
Work Areas	Yes	No	N/A
Is exclusionary fencing or flagging in place to protect sensitive biological or cultural resources?			X
Are observed vehicles, equipment, and construction personnel staying within approved work areas and on approved roads?	X		
Are excavations and trenches covered at the end of the day?	X		
Are wildlife escape ramps installed at 100-foot intervals with ramps not exceeding 2:1 slopes?	X		

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

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

San Juan Capistrano Substation.

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

I arrived onsite at 0800. My first stop was at the northern modular wetland system, a portion of which had been backfilled (Photo 1). Spoil from this excavation had been stockpiled just west of the former utility structure and was being mixed with water for compaction within the trench for construction within Camino Capistrano and around the modular wetland system (Photo 2). Later in the morning, crews set up traffic control on Camino Capistrano to install the remaining stormwater pipe and begin backfill and compaction work (Photo 9). I did not note any traffic issues along Camino Capistrano. The SDG&E Lead Environmental Inspector said construction crews planned to have the roadway backfilled and paved by the end of the week.

A variety of work was being conducted on the 138-kilovolt (kV) gas-insulated substation (GIS) building pad in anticipation of the building contractor mobilizing to begin work. A crew with a small bulldozer was working along the southern end of the building pad (Photo 3). One trench was still open at the northwest corner of the building pad (Photo 4), and some final moisture barrier was being installed on the retaining wall (Photo 5).

Excess soil was still being excavated from an area southwest of the construction trailer pad to be used for backfilling work (Photo 6). I asked the SDG&E Lead Environmental Inspector about monitoring needs for this work and he said some of this area had been previously excavated and his crew had determined that this was mostly fill material; therefore, no additional monitors were needed for this work.

I had noted some trash within the staging area and pointed it out to the SDG&E Lead Environmental Inspector (Photo 7). The SDG&E Lead Environmental Inspector sent me a photo later that same day showing the area had been cleaned up.

Photo 8 is an overview of the 138-kV GIS building pad. A water truck was onsite to minimize dust on the access roads.

The SDG&E Lead Environmental Inspector had a meeting with the 138-kV GIS building contractor later that morning. The SDG&E SOCRE Project Manager was also onsite for the meeting.

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 w/ hardhat stickers (MM HAZ-3, MM CUL-1).
See the 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**
6/27/19	San Juan Capistrano Substation		Photo 1 – Modular wetland system at the northwest corner of the San Juan Capistrano Substation site. Photo facing west.
6/27/19	San Juan Capistrano Substation		Photo 2 – Small backhoe mixing soil with water in preparation for backfilling work. Photo facing south.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
6/27/19	San Juan Capistrano Substation		Photo 3 – Some final soil work within the 138-kV GIS building pad. Photo facing west.
6/27/19	San Juan Capistrano Substation		Photo 4 – An open trench within the 138-kV GIS building pad. Photo facing northwest.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
6/27/19	San Juan Capistrano Substation		Photo 5 – Moisture protection work continues on the retaining wall. Photo facing south.
6/27/19	San Juan Capistrano Substation		Photo 6 – Excavation activities. Photo facing southwest.
6/27/19	San Juan Capistrano Substation		Photo 7 – Trash in the staging area.

REPRESENTATIVE SITE PHOTOGRAPHS			
Date	**Location**	**Photo**	**Description**
6/27/19	San Juan Capistrano Substation		Photo 8 – Overview of the 138-kV GIS building pad. Photo facing south.
6/27/19	San Juan Capistrano Substation		Photo 9 – Road work within Camino Capistrano. Photo facing west.

Completed by:	CPUC/E&E Compliance Monitor
Date:	7/01/19

Reviewed by:	Manager
Date:	07/01/19