

	<b>California Public Utilities Commission</b> <b><i>Mitigation Monitoring, Compliance, and Reporting Program</i></b>
	<b>Tie Line (TL) 637 Wood-to-Steel Pole Replacement Project</b>
	<b>Compliance Status Report: 009</b>  <b>June 22, 2014</b>

## SUMMARY

The California Public Utilities Commission (CPUC) is responsible for overseeing implementation of the mitigation measures set forth in the Final Mitigated Negative Declaration (MND) for the TL 637 Wood-to-Steel Pole Replacement Project. The CPUC has established a third-party monitoring program and adopted a Mitigation Monitoring, Compliance, and Reporting Program (MMCRP) to ensure that measures approved in the MND to mitigate or avoid impacts are implemented in the field. This MMCRP status report is intended to provide a description of construction activities on the project, a summary of site inspections conducted by the CPUC's third-party monitors, the compliance status of mitigation measures required by the MMCRP, and anticipated construction activities. This compliance status report covers construction activities from June 8, 2014 through June 22, 2014.

## MITIGATION MONITORING, COMPLIANCE, AND REPORTING

### *Site Inspections/Mitigation Monitoring*

A CPUC third-party environmental compliance monitor conducted site observations in areas of active construction. Observations were documented using site inspection forms, and applicable mitigation measures were reviewed in the field.

### *Implementation Actions*

#### Staging Yards

Construction crews were observed delivering and staging construction equipment and materials at the Warnock and Santa Ysabel Staging Yards during this reporting period.

#### Wire Stringing

Construction crews were observed stringing, sagging (see Photo 1—Attachment A, clipping-in, and dead-ending conductor wire, and installing ground rods. Crews were also observed trenching for underground utilities.

### Micropile Drill Sites

At micropile drill sites, construction crews were observed mobilizing/setting-up at pole locations (see Photo 2—Attachment A), drilling, grouting, strength testing and trimming micro pile foundations.

### Pole Installation:

Crews were observed setting bases, spotting poles, removing poles from service, removing and/or setting pole tops/butts, installing grounding rods, and working on pole framing. Skycrane operations were observed out of the Santa Ysabel Staging Yards, transporting pole bases and pieces out to pole replacement locations (see Photo 3—Attachment A).

### Access Roads, Best Management Practices (BMPs), and Other Activities

Construction crews were observed refreshing access roads, trimming trees along the right-of-way, and inspecting/maintaining BMPs.

### ***Mitigation Implementation***

#### Wood Pole Replacement

During wood pole replacement activities, CPUC third-party monitors observed implementation of Mitigation Measures (MMs) and Applicant Proposed Measures (APMs) designed to prevent or mitigate impacts to environmental resources.

Biological monitors were observed monitoring construction activity and ensuring crews avoided areas with sensitive resources. In accordance with APM BIO-1, sensitive plant species including San Diego gumplant were marked for avoidance with green colored stakes and with temporary orange fencing in (see Photo 4—Attachment A). Also in accordance with APM BIO-1, water trucks were observed applying water to access roads approved for the project in order to control dust (see Photo 5—Attachment A). Biological Monitors were observed monitoring activities adjacent to nesting areas in order to ensure crews were observing avoidance buffers in accordance with MM BIO-2 and that noise barriers were implemented according to mitigation (see Photo 6—Attachment A).

In accordance with APM CUL-3 and MM CUL-1, archeological monitors were observed on-site for construction work at sites located near adjacent sensitive cultural resources, and cultural Environmentally Sensitive Areas (ESAs) were delineated with yellow rope and avoided by construction personnel (see Photo 5—Attachment A).

In accordance with the project Storm Water Pollution Prevention Plan (SWPPP) (a requirement of APM HYD-1), SDG&E was observed implementing construction Best Management Practices (BMPs) to reduce potential impacts to water quality. No spills, leaks, or discharges were observed during the reporting period. Sediment control BMPs such as straw wattles and silt fencing were observed being

maintained at work locations, and dirt spoil piles continue to be covered with visqueen to prevent erosion.

Skycrane helicopter operations were observed being conducted out of the Santa Ysabel Staging Yard, including transporting pole bases and pieces out to pole replacement locations. CPUC received notification of SDG&E's communication with local air traffic control prior to these operations occurring in accordance with MM HAZ-4. At the Santa Ysabel Staging Yard, staged fuel tankers were observed equipped with visqueen containment in accordance with HYD-1 and HAZ-2. Water trucks were observed dampening access roads outside of Yard (towards location 143) and visual screening fence was observed along exposed perimeters of the yard in accordance with APM-AES-1.

Fire risk was observed being minimized during project construction through the implementation of measures in the Project Fire Plan and APM HAZ-2. Fire patrols carrying fire suppression tools and water for firefighting were observed monitoring work activity and inspecting work locations for fire safety compliance. Construction crews were observed carrying fire tools (backpack pump, fire extinguisher, shovel, and Pulaski), and staging tools on site at work locations. Fire extinguishers were observed next to or mounted on internal combustion engines. Water buffalos were staged within two minutes travel time of construction activities (see Photo 7—Attachment A).

In order to ensure crews adhered to approved project access areas, a turn around area was observed delineated with orange staking at the intersection of the main access road with a non-approved dirt road near P146 and "SDG&E No Project Access" signage was observed at the back of the delineated turn around area (see Photo 8—Attachment A).

In accordance with APM TRA-1, traffic control flaggers, construction notification signage, and cones were observed along public roadways with construction activity (see Photo 6—Attachment A).

### ***Mitigation Measure Tracking***

Mitigation measures applicable to the construction activities were verified in the field and documented in the CPUC's mitigation measure tracking database. A complete list of mitigation measures and applicant proposed measures is included in the MND for the Tie-Line 637 Wood-to-Steel Pole Replacement Project, as adopted by the CPUC on February 5, 2014 (Decision D.14-02-04).

### ***Compliance Status***

CPUC third-party monitors observed overall compliance with mitigation measures throughout the reporting period. All observations that had potential to become an area of concern if left uncorrected were addressed on-site. No compliance issues were reported during this reporting period.

## **CONSTRUCTION PROGRESS**

### **Staging Yards**

Staging Yards are approximately 100 percent complete.

### Wood Pole Replacement

Approximately 85 percent of micro-pile foundations have been drilled and 85 percent have been grouted.

Micropile capping is 76 percent complete and testing is 78 percent complete.

Approximately 99 percent of hole excavations (for directly embedded poles) have been completed.

Power line pole construction (setting bases) is 60 percent complete.

Temporary Pole installation is 100 percent complete.

Wire pulling and tensioning is 15 percent complete.

Sagging of conductor lines is 30 percent complete.

Underground distribution line installation is 50 percent complete.

### Best Management Practices

Approximately 99 percent of SWPPP BMPs have been installed along the project right-of-way.

## **CONSTRUCTION SCHEDULE**

***Tie-Line 637 Wood-to-Steel Pole Replacement Project (CPUC NTP No. 001)*** – SDG&E began clearing activities at the project site on February 19, 2014. All project activities are scheduled to be completed by September 2014.

## ATTACHMENT A Photos

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**Photo 1:** Construction crews were observed conducting wire stringing activities, which included dead-ending and sagging the wire (pictured above).

## ATTACHMENT A (Continued)



**Photo 2:** Crews were observed setting up micropile foundation staging equipment.

## ATTACHMENT A (Continued)

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**Photo 3:** Skycrane helicopter operations were observed being conducted out of the Santa Ysabel Staging Yard this reporting period.

## ATTACHMENT A (Continued)

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**Photo 4:** Sensitive plant species (San Diego gumplant, above) were marked for avoidance with green colored stakes and in certain areas with temporary orange fencing (above) in accordance with APM BIO-1.



## ATTACHMENT A (Continued)

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**Photo 5:** Water trucks were observed watering roads in order to ensure dust control in accordance with APM BIO-1.

## ATTACHMENT A (Continued)



**Photo 6:** In accordance with APM TRA-1, traffic control crews and cones were mobilized during pole re-framing activities along Creelman Lane. Additionally, biological monitors were observed monitoring a nearby nest during these activities, which was marked with green lathe signage for avoidance (BIO-2).

## ATTACHMENT A (Continued)



**Photo 7:** In accordance with the Project Fire Plan and APM HAZ-2, fire patrols were observed monitoring construction activities and inspecting work locations for fire safety compliance. Mobile water buffalos were observed nearby work activities in order to adhere to response times identified in the Project Fire Plan.

## ATTACHMENT A (Continued)

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**Photo 8:** Orange-marked stakes were observed showing limits for approved turnaround areas and “No SDG&E Access” signs were installed to ensure that crews did not use the area behind the turnaround as an access road.

## ATTACHMENT B Notices to Proceed

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NTP No.	Date Issued	Description	Conditions Included (Y/N)
CPUC - 001	February 14, 2014	Construction of the Tie Line 637 Wood-to-Steel Pole Replacement Project	Y

## ATTACHMENT C

### Minor Project Refinement Request

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Minor Project Refinement Request No.	Submitted	Description	Status	Approval
001	4/9/14	Structure P5- Change from Micro Pile to Direct Bury	Approved	4/10/14
002	4/18/14	Overland Travel	Approved	4/23/14
003	4/24/14	Modification to Stringing Site No. 5	Approved	4/29/14
004	4/30/14	Request for Additional Turnaround Areas	Approved	5/06/14
005	5/2/14	Modification to Stringing Site No. 4	Approved	5/06/14
006	5/2/14	Request for Additional Staging Areas	Approved	5/07/14
007	5/6/14	Use of Existing Access Roads	Approved	5/12/14
008	5/22/14	Temporary Work Space Modifications at Stringing Site No. 14 & No. 15	Approved	6/2/14
009	6/6/14	Overland Travel to Pole Location 161	Approved	6/10/14
010	6/3/14	Modification of Stringing Sites 20 and 21, Additional Turnaround, Overland Travel, and Work at P151b	Approved	6/11/14
011	6/20/14	Overhead Work and Overland Travel Access to Structure No. D193	Pending	