

	<p>California Public Utilities Commission <i>Mitigation Monitoring, Compliance, and Reporting Program</i></p>
	<p>East County (ECO) Substation Project</p> <p>Compliance Status Report: 020</p> <p>January 5, 2014</p>

SUMMARY

The California Public Utilities Commission (CPUC) is responsible for overseeing implementation of the mitigation measures set forth in the Final Environmental Impact Report/Environmental Impact Statement (FEIR/EIS) for the East County (ECO) Substation 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 FEIR/EIS to mitigate or avoid significant 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 December 23, 2013 to January 5, 2014.

MITIGATION MONITORING, COMPLIANCE, AND REPORTING

Site Inspections/Mitigation Monitoring

A CPUC third-party environmental compliance monitor conducted site observations at the 138 kV Underground Transmission Line and 138 kV Overhead Transmission Line. Areas of active and inactive construction within the project limits were observed to verify implementation of the mitigation measures stipulated in the project’s MMCRP. Daily observations were documented on daily site inspection forms and applicable mitigation measures were reviewed in the field.

Implementation Actions

138 kV Underground Transmission Line

Construction activities during this reporting period consisted of repair and maintenance of the sediment and erosion control devices along the right-of-way between the Domingo Lake Construction Yard and the Boulevard Substation rebuild site; continued excavation and conduit installation; and concrete pours for the trench; initiation of vault tie-ins; and excavations of vaults and bore entry pits.

Archaeological and Native American monitors were observed monitoring construction activities along the underground 138kV underground transmission in accordance with CUL-1D. Crews were observed wearing personal protective equipment as required by the Health and Safety Program (MM-HAZ-1b). Additionally, yellow ropes have been installed to delineate the approved project work limits during construction activities associated with underground transmission line alignment in accordance with MM-BIO-1a (see photo 1- Attachment A).

Dust control measures consisting of watering areas of active construction (see photo 2 – Attachment A), and maintaining speed limits below 15 miles per hour were observed being adhered to along unpaved roads.

Traffic signage was observed along Old Highway 80 notifying motorists of construction activities. Steel plates were also observed being placed across the excavated trench in areas of inactive construction in accordance with the Traffic Control Plan (MM TRA-1) (see photo 3 – Attachment A).

Erosion control devices including gravel bags and straw wattles were observed being maintained along the limits of work to minimize the potential for pollutants and sediment to be discharged offsite. The erosion control features are being maintained in accordance with the SWPPP Best Management Practices (BMPs) and MM-HYD-1 (see photo 4- Attachment A).

Topsoil continued to be salvaged during excavation activities and clearly marked for avoidance in accordance with the MM-BIO-1D (see photo 5- Attachment A).

138 kV Overhead Transmission Line

Construction Activities during this reporting period included continued installation of environmentally sensitive area (ESA) fencing, installing erosion and sediment control devices including energy dissipaters, straw wattles, and silt fencing and conducting topsoil and subsoil grading at steel pole pad sites. Additionally, crews continued geotechnical borings for steel pole foundation sites and micropile drilling at pole sites.

Fire boxes containing fire equipment and water trucks were observed on-site during construction activities in accordance with the Construction Fire Prevention Plan (MM-FF-1) (see photo 6- Attachment A). Fire patrols were also present during construction activities in accordance with the Construction Fire Prevention/Protection Plan and MM-FF-1.

Crews performing geotechnical investigations at steel pole pad sites were observed utilizing heavy plastic under drill rigs and deploying straw wattles to prevent potential leaks from being discharged into the soil (MM HYD-1). Archaeological monitoring was observed during geotechnical activities in accordance with MM CUL-1D and work limits were delineated in accordance with MM BIO-1A (see photo 7- Attachment A). ESAs were also observed flagged for avoidance during micro pile construction in accordance with MM CUL-1D (see photo 8- 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 FEIR/FEIS for the ECO Substation Project, as adopted by the CPUC on April 19, 2012 (Decision 12-04-022).

Compliance

No compliance issues/concerns were documented during this reporting period.

CONSTRUCTION PROGRESS

Boulevard Substation Rebuild Site

All abatement activities at the Boulevard Substation Rebuild Site have been completed. Construction crews have completed demolishing existing structures and have completed the finish-grade of the substation pad. Construction of the concrete forms for the substation foundations and piers continued. Construction activities are approximately 23 percent complete

ECO Substation Site Construction

Construction crews have completed hydro-seeding application and slope stabilization of the topsoil along the slopes of the 500 kV and 230/138 kV substation pads. Construction activities are approximately 60 percent complete.

138 kV Underground Construction

SDG&E has completed the 138 kV Underground Transmission Line between the ECO substation and Old Highway 80. Construction crews have completed 13 vaults and 13 percent of trenches have been excavated and backfilled.

138 kV Overhead Construction

SDG&E continued to place ESA fencing along the right-of-way, remove vegetation, install erosion control devices, clearing and grading pad sites, and erecting steel poles. One pole foundation is complete and one pole has been erected.

CONSTRUCTION SCHEDULE

ECO Substation 500 kV and 230/138 kV Yards – SDG&E began construction activities in March 2013 and is anticipated to complete construction in September 2014. Construction activities are approximately 60 percent complete.

SWPL Loop-In – SDG&E has not initiated any construction activities at this time associated with the SWPL Loop-In. SDG&E is anticipated to complete construction in October 2014.

138 kV Underground Transmission Line – SDG&E began construction activities in October 2013 and is anticipated to complete construction in October 2014.

138 kV Overhead Transmission Line – SDG&E began construction activities in November 2013 and is anticipated to complete construction in October 2014.

Boulevard Substation Rebuild – SDG&E began construction in December 2012 and is anticipated to complete construction in November 2014. Construction activities are approximately 23 percent complete.

ATTACHMENT A Photos



Photo 1: Archaeological and Native American monitors were observed monitoring construction activities along the 138kV underground transmission line in accordance with CUL-1D.



Photo 2: Water was observed being utilized during excavations to minimize fugitive dust emissions in accordance with MM AQ-1 and MM BIO-4a.

ATTACHMENT A (Continued)



Photo 3: Traffic signage and steel plates were observed in place in areas of inactive construction in accordance with the MM TRA-1.



Photo 4: Erosion control devices consisting of gravel bags and straw wattles were observed installed and secured along Old Highway 80 in accordance with MM HYD-1.

ATTACHMENT A (Continued)



Photo Topsoil was salvaged during excavation activities and clearly marked in accordance with MM-BIO-1d.



Photo 6: In accordance with Construction Fire Prevention Plan, fire equipment boxes were observed on site during construction activities.

ATTACHMENT A (Continued)



Photo 7: Archaeological monitors were observed present during geotechnical activities in accordance with MM CUL-1D. The drill rig shown above is staged over heavy plastic and straw wattles are in place to prevent potential leaks from being discharged into the soil.



Photo 8: ESAs were observed flagged for avoidance during micro pile construction at SP- 76 in accordance with MM-CUL-1D.

ATTACHMENT B Notices to Proceed

NTP No.	Date Issued	Description	Conditions Included (Y/N)
BLM-001	February 11, 2013	A single geotechnical boring to finalize the design of the underground transmission alignments on lands administered by the BLM	Y
CPU -001	November 30, 2012	Abatement activities at the Boulevard Substation Rebuild Site	Y
CPUC-002	February 1, 2013	Construction of a new substation (a 500 kV yard and a 230/138 kV yard)	Y
CPUC-003	February 1, 2013	Geotechnical Activities	Y
CPUC-004	March 4, 2013	Geotechnical Activities	Y
CPUC-005	May 21, 2013	Construction Yards	Y
CPUC-006	July 2, 2013	138 kV Underground Transmission Line along Southern Access Road	Y
CPUC-007	July 30, 2013	138 kV Underground Transmission Line within Old Highway 80 and Carrizo Gorge Road	Y
CPUC-008	August 2, 2013	Construction activities associated with the Boulevard Substation Rebuild	Y
CPUC-009	September 25, 2013	138 kV Underground Transmission Line from Boulevard Substation to 138 kV Overhead Transmission Line	Y
CPUC-010	October 17, 2013	138 kV Underground Transmission Line from Carrizo Gorge Road to Steel Pole 91	Y
CPUC-011	November 5, 2013	138 kV Overhead Transmission Line	Y
CPUC-012	November 19, 2013	Fault Investigations at the Southwest Powerlink (SWPL) Loop-In	Y
CPUC-013	December 4, 2013	138 kV Overhead Transmission Line Steel Pole- 105B and Steel Pole-108A	Y

ATTACHMENT C

Minor Project Refinement Requests

Minor Project Refinement Request No.	Submitted	Description	Status	Approval
001	January 25, 2013	Temporary Retention Basin	Approved	February 7, 2013
002	March 22, 2013	Adjustments to the Domingo Lake and Jewel Valley Construction Yards	Approved	May 20, 2013
003	March 22, 2013	Adjustments to the Carrizo Gorge Construction Yard	Approved	May 20, 2013
004	May 17, 2013	Adjustments to the Southern Access Road and 138 kV Overhead and Underground Transmission Line	Approved	June 26, 2013
005	June 27, 2013	Adjustments to the Boulevard Substation Rebuild	Approved	July 26, 2013
006	July 30, 2013	Adjustments to the 138 kV Overhead Transmission Line	Approved	September 23, 2013
007	August 16, 2013	Relocation of Temporary Retention Basin	Approved	August 22, 2013
008	August 20, 2013	Construction Water Use	Approved	October 1, 2013
009	November 22, 2013	Additional Temporary Work Space for Fence Replacement	Approved	November 26, 2013