

	<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: 014</p> <p>October 13, 2013</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 September 30 to October 13, 2013.

MITIGATION MONITORING, COMPLIANCE, AND REPORTING

Site Inspections/Mitigation Monitoring

A CPUC third-party environmental compliance monitor conducted site observations at the Boulevard Substation Rebuild Site, 138 kV Underground Transmission Line, ECO Substation, Jewell Valley Fly Yard, Domingo Lake Construction Yard and at Carrizo Gorge Construction Yards 1 and 2. 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

Boulevard Substation Rebuild Site

Construction activities at the Boulevard Substation Rebuild site consisted of rough grading and excavation. Water trucks were observed alongside graders and scrapers to prevent fugitive dust in accordance with Mitigation Measure BIO-4A and the Dust Control Plan (see photo 1 –Attachment A). In accordance with MM-HYD-1, track out measures consisting of a rock apron and rattle plate have

been installed and were observed to be maintained in good working order at the access road entrance along Old Highway 80.

Hazardous materials were observed being stored on-site in accordance with Mitigation Measure HAZ-1A and the Hazardous Materials and Waste Management Plan at a hazardous materials storage area established at the Boulevard Substation Rebuild site. Hazardous materials were properly labeled and stored (see photo 2 – Attachment A).

138 kV Underground Transmission Line

No trench excavation or conduit installation activities were conducted during this reporting period for the 138 kV Underground Transmission Line. As discussed in weekly report 012, on August 9, 2013 the Bureau of Land Management (BLM) issued NTP No. 002 authorizing construction of Section 3 of the 138 kV Underground Transmission Line on public lands administered by the BLM. Survey staking along the 138 kV Underground Transmission Line right-of-way, including lands administered by the BLM was completed during this reporting period.

ECO Substation

Construction activities at the ECO Substation site consisted of rough grading at the 500 kV substation pad. In addition, construction crews continued to create foundation forms, pour concrete, and prepare foundations for the control and maintenance shelters at the 138/230 kV substation pad (see photo 3 – Attachment A).

A concrete washout station has been established at the 138/230 kV substation pad in accordance with the SWPPP and MM-HYD-1 and was observed to be maintained in good condition (see photo 4 – Attachment A). In addition, secondary containment was observed to be properly installed under staged equipment, hazardous materials, and portable sanitary facilities (see photo 5 – Attachment A).

During this reporting period, construction crews began the initial breakdown of the temporary water retention basin as approved by the CPUC in Minor Project Refinement Request (MPRR) No. 001. The temporary water retention basin was utilized during mass grading for storing construction water being utilized for dust suppression and soil compaction purposes.

On August 22, 2013, the CPUC approved MPRR No. 007 to relocate the temporary water retention basin approved through MPRR No. 001 to the eastern half of the 500 kV substation yard at the ECO Substation site. The relocated temporary retention basin is being used for water storage during the mass grading of the 500 kV yard and finish grading of the 230/138 kV substation yard. Water was observed being trucked on-site from the City of San Diego, Jacumba Community Services District, and Campo Indian Reservation in accordance with MM-HYD-3 and the associated Amended Construction Water Supply Plan (September 2013).

Fire patrols were observed on-site during construction activities to ensure construction equipment and vehicles had the required fire safety equipment and provided ongoing fire patrols in accordance with MM-FF-1 (see photo 6 – Attachment A).

Construction Yards

Construction crews continued to install fencing along the perimeter of the Domingo Lake Construction Yard in accordance with MM-VIS-3A. Construction activities were monitored by biological, archeological and paleontological monitors in accordance with MM-BIO-1C, MM-CUL-1D, and MM-PALEO-1C, respectively.

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

Applicable mitigation measures were verified during site inspections and were determined to be implemented in accordance with the MMCRP.

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 initiated rough grading to establish the substation pad.

ECO Substation Site Construction

SDG&E began clearing, grubbing, and grading activities associated with the ECO Substation site on March 11, 2013. Construction crews have completed fine grading at the 138/230 kV substation pad site and rough grading activities continue at the 500 kV substation pad site.

138 kV Underground Construction

SDG&E completed the 138 kV Underground Transmission Line between the ECO substation and Old Highway 80.

Construction Yards

SDG&E has cleared vegetation and installed perimeter fencing at the Carrizo Gorge Yard 1 and 2 and Jewell Valley Fly Yard as authorized by CPUC NTP No. 005. Construction crews continued to install fencing along the perimeter of the Domingo Lake Construction Yard in accordance with MM-VIS-3A.

Geotechnical Investigations

All geotechnical investigations authorized by CPUC NTP No. 003, No. 004, and BLM NTP No. 001 to conduct 24 geotechnical borings were completed as of March 14, 2013.

CONSTRUCTION SCHEDULE

ECO Substation 500 kV and 230/138 kV Yards –SDG&E began construction activities on March 11, 2013 and is anticipated to complete construction in April 2014.

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 Transmission Line –SDG&E initiated construction activities associated with the underground portion of the 138 kV transmission line between Old Highway 80 and the ECO Substation in accordance with NTP No. 006. SDG&E is anticipated to complete construction in October 2014.

Boulevard Substation Rebuild –SDG&E began abatement activities on December 31, 2012 and is anticipated to complete construction in June 2014.

ATTACHMENT A

Photos



Photo 1: Water trucks are utilized on a regular basis to minimize fugitive dust emissions in accordance with MM-BIO-4A and the Dust Control Plan at the Boulevard Substation Rebuild site.



Photo 2: Hazardous materials are securely stored with secondary containment and labeled in accordance with Mitigation Measure HAZ-1A and the Hazardous Materials and Waste Management Plan at the Boulevard Substation Rebuild site.

ATTACHMENT A (Continued)



Photo 3: Construction crews completing concrete foundations for the control and maintenance shelters at the 138/230 kV ECO Substation pad.



Photo 4: A concrete washout basin is being utilized for washing out concrete trucks following foundations pours at the 138/230 kV pad site in accordance with the SWPPP and MM-HYD-1.

ATTACHMENT A (Continued)



Photo 5: Secondary containment is observed beneath staged equipment to prevent leaks and spills in accordance with Mitigation Measure HYD-1 and the SWPPP.



Photo 6: In accordance with Mitigation Measure FF-1, fire patrols are on-site during construction to implement fire preventative measures.

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
CPUC - 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

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