

	<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: 030</p> <p>May 25, 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 May 12, 2014 through May 25, 2014.

MITIGATION MONITORING, COMPLIANCE, AND REPORTING

Site Inspections/Mitigation Monitoring

A CPUC third-party environmental compliance monitor conducted site observations along the right-of-way associated with the 138 kV Underground Transmission Line, 138 kV Overhead Transmission Line, East County Substation and Boulevard Substation Rebuild. Construction activities between May 12 and May 15 were limited to the ECO Substation site and Southwest Powerlink (SWPL) loop-in site due to a Red Flag Warning that was issued by the National Weather Service. Construction on the 138 kV Underground Transmission Line, the 138 kV Overhead Transmission Line, and the Boulevard Substation Rebuild resumed on May 16.

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.

138 kV Underground Transmission Line

Construction activities during this reporting period consisted of repair and maintenance of erosion control devices along the right-of-way; excavation, conduit placement, backfilling and paving; installation of duct bank; and vault installation and in-and-out conduit installation (see Photo 1 – Attachment A).

Erosion control measures consisting of straw wattles, silt fence and gravel bags are being maintained along the right-of-way in accordance with the SWPPP and MM-HYD-1 (see Photo 2 – Attachment A). Dust control measures were observed being implemented including watering during excavation activities and along access roads. Track-out measures consisting of rumble plates and rock aprons were in place and maintained.

Biological and archeological monitors were on-site to ensure work remained within the approved work limits and to monitor for the presence of sensitive resources. All excavations were inspected daily prior to construction activities and throughout the day to ensure that no wildlife species had become entrapped in accordance with MM-BIO-7e. Any wildlife found entrapped was removed safely from the right of way and relocated by the biological monitor.

In accordance with MM-TRA-1, traffic control measures were observed being implemented for activities occurring along Old Highway 80. Traffic control measures included the placement of signage notifying motorists of construction activities, flaggers and directional guidance for bicyclists.

Per the Construction Fire Prevention/Protection Plan, SDG&E was observed inspecting equipment to ensure fire suppression equipment was present. Routine patrols were completed by the fire inspection team throughout the construction activities and fire tools were observed at all construction sites as required by MM-FF-1.

138 kV Overhead Transmission Line

Construction activities during this reporting period consisted of continued rough-grading and rock and spoil removal at pole pad sites and access roads; continued drilling and placing concrete for foundations; and continued maintenance of access roads and repair of sediment and erosion control devices throughout all active pole sites.

Water trucks were observed being utilized during excavation and backfilling activities and along commonly used access roads to minimize fugitive dust emissions in accordance with the Dust Control Plan and MM-BIO-4a (see Photo 3 – Attachment A). Concrete washouts are being utilized for cement truck operators to washout equipment following concrete pours (see Photo 4 – Attachment A). The concrete washout bins ensure concrete waste is not discharged onto bare soils in accordance with the SWPPP and MM-HYD-1. In addition, drip pan containment bins were observed beneath equipment staged along the right-of-way in accordance with MM-HAZ-1a and spill kits were accessible in case of hazardous materials leak.

Archaeological and Native American observers were on-site monitoring ground disturbance and construction activities in proximity to Environmentally Sensitive Areas in accordance with MM-CUL-1d. Additionally, the limits of work and Environmentally Sensitive Areas were clearly marked in the field per MM-CUL-1a.

Trenches and excavations were observed being covered to prevent wildlife entrapment in compliance with MM-BIO-7a. Nesting bird surveys and monitoring were conducted throughout the reporting period in accordance with the Nesting Bird Mitigation, Monitoring, and Reporting Plan and MM-BIO-7j. In an attempt to reduce the risk of nesting bird settlement, staged equipment in areas of high bird activity were covered with thin netting so as to avoid bird or wildlife settlement or entrapment.

East County Substation

Construction activities during this reporting period consisted of continued concrete form building and substation structures and buildings construction; continued installation of ground grid and electrical systems; installation and wiring of circuit breakers; continued wiring within the control shelter and other buildings; continued pouring of Class II base within the 230/138 kV substation pad (see Photo 5 – Attachment A); continued installation of security fencing around the 230/138 kV substation pad; continued final grading of the western portion of the 500 kV substation pad; paving roads within the 230 kV pad; continued electrical testing; continued pulling control cable; continued the installation of conduit and conductor; and continued repair and maintenance of installed sediment and erosion control devices throughout the site.

Water trucks were being utilized to water down areas of active construction and along access roads to minimize fugitive dust emissions in accordance with MM-BIO-4 and MM-AQ-1. A fire patrol was on site and actively checking all entering personnel for WEAP training stickers and required Pulaski's, shovel, and 5-gallon water supply in accordance with MM-FF-1. Throughout the substation, fire tools were set out at individual areas of work for easy access in case of an emergency and in accordance with the Construction Fire Plan and MM-FF-1.

In accordance with MM-BIO-1a the limits of work were clearly delineated and respected by construction crews during ongoing construction activities along access road and within the substation.

Erosion control measures consisting of straw wattles, soil stabilizer and silt fencing were observed installed and being maintained in accordance with MM-HYD-1 and the Project SWPPP (see Photo 6 – Attachment A).

Boulevard Rebuild Substation

Construction activities during this reporting period consisted of concrete form and foundation construction; continued installation of circuit breakers and wiring; continued construction of the

drainage system; and backfilling around the headwall at the northern side of the box culvert under Old Highway 80.

In accordance with MM-BIO4-A and MM-AQ-1, water trucks were used to control dust along access roads, work areas, and commonly used routes within the substation boundaries. A rock apron and rattle plate was also observed being maintained at the primary point of ingress/egress along Old Highway 80 to minimize the potential for track-out and associated fugitive dust emissions.

In accordance with MM-VIS-3g and the Surface Treatment Plan, the control shelter at the Boulevard Rebuild Substation has been treated with an Otay Brown color treatment (see Photo 7 – Attachment A). In addition, opaque visual screening fence was observed being routinely maintained to ensure areas of public visibility were screened (see Photo 8 – Attachment A).

Construction equipment and staged materials throughout the substation were equipped with drip pan containment as stipulated by MM-HAZ-1a and fire suppression equipment per MM-FF-1. Fire patrol was on site and actively checking all entering personnel for SWEAP training stickers in accordance with MM-FF-1 and the Project Health and Safety Plan outlined in MM-HAZ1-b.

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 issues/concerns were observed during this reporting period.

CONSTRUCTION PROGRESS

Boulevard Substation Rebuild Site

Construction activities associated with foundation and concrete forms, drilling pier foundations, and installing circuit breakers and the associated wiring continued during this reporting period.

ECO Substation Site Construction

Crews continue completing activities associated with the concrete form building, drilling pier foundations and installation of the ground grid and electrical system.

138 kV Underground Construction

Construction crews have completed 33 vaults and 71% of trenches have been excavated and backfilled.

138 kV Overhead Construction

Fifty-two steel pole pads/spur roads have been completed, twenty-two pole foundations are 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 June 2014.

SWPL Loop-In – SDG&E continues to install structure foundations. SDG&E is anticipated to complete construction in June 2014.

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

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

Boulevard Substation Rebuild – SDG&E began construction in December 2012 and is anticipated to complete construction in November 2014.

ATTACHMENT A Photos



Photo 1: Construction activities during this reporting period consisted of excavation, conduit placement, backfilling and paving; installation of duct bank; and vault installation and in-and-out conduit installation. All work was observed being completed within the approved work limits.



Photo 2: Erosion control measures consisting of straw wattles and gravel bags are being maintained along the right-of-way in accordance with the SWPPP and MM-HYD-1.

ATTACHMENT A (Continued)



Photo 3: Water trucks were observed being utilized during foundation drilling in accordance with MM-BIO-4a and the Dust Control Plan.



Photo 4: In accordance with MM-HYD-1 and the SWPPP, concrete washouts are utilized during concrete pours associated with steel pole foundations.

ATTACHMENT A (Continued)



Photo 5: Class II fill being placed within the approved work limits at the ECO Substation.



Photo 6: BMP's consisting of straw wattles, silt fence and soil stabilizer have been put in place along slopes of the ECO Substation to minimize erosion in accordance with MM-HYD-1 and the SWPPP.

ATTACHMENT A (Continued)



Photo 7: The control shelter at the Boulevard Rebuild Substation has been treated with an Otay Ranch Brown color tone in accordance with the Surface Treatment Plan and MM-VIS-3g.



Photo 8: Opaque visual screen fencing was observed being routinely maintained at the Boulevard Rebuild Substation in accordance with MM-VIS-3c.

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
CPUC-014	March 18, 2014	Construction of Southwest Powerlink (SWPL) loop-in to connect the existing 500 kV SWPL transmission line to the ECO Substation site	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
010	December 19, 2013	Access Road and Work Space Refinements at Steel Pole 63 and 64	Approved	January 14, 2014
011	January 16, 2014	Temporary Meeting Location for Material and Equipment	Approved	January 22, 2014
012	February 27, 2014	Work Space Refinements to the Southwest Powerlink	Approved	March 11, 2014
013	April 4, 2014	Additional Temporary Work Space at 138kV Overhead Transmission Line	Approved	April 17, 2014