

	<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: 021</p> <p>January 19, 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 January 6th 2014 to January 19th 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, 138 kV Overhead Transmission Line, and ECO Substation. In accordance with the Construction Fire Prevention Plan (MM-FF-1), construction activities were limited to the ECO Substation from January 13th through January 17th due to Red Flag Warnings issued by the National Weather Service (NWS). 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 duct bank installation; trench concrete pours;

continuation of vault setting and tie-ins; completion of excavation of environmental sensitive area (ESA); jack-and-bore entry pit excavations and shoring setting; initiation of rock saw activities; continued micro-drilling of bore exit pit and initiation of excavation of entry pit along Old Highway 80.

In accordance with MM BIO-4a and MM AQ-1, water trucks were observed suppressing fugitive dust emissions in areas of active construction and along unpaved roads, and project speed limits of 15mph were visibly posted and adhered to along unpaved project roads. Trucks transporting bulk materials were observed to be covered as required by MM AQ-1 (see Attachment A — Photo 1).

In accordance with the Construction Fire Prevention Plan (MM-FF-1), fire boxes containing fire equipment and water trucks were observed on-site during construction activities. Fire patrols were also present during construction activities.

Traffic signage was observed in place along Old Highway 80 notifying motorists of construction activities. Project speed limits were posted along the right-of-way (ROW) and at access road entrances. 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).

138 kV Overhead Transmission Line

Construction activities during this reporting period included rough grading and finish-grading of steel pole pads and spur roads, continued geotechnical borings at steel pole foundation sites, and continued micropile drilling, grouting, and proof testing at various steel pole sites.

Special status plants were marked with pin flags in accordance with MM BIO-5b (see Attachment A — Photo 2), and ESA signage was in place along construction work limits to ensure avoidance. Additionally, yellow ropes delineated the approved project work limits in accordance with MM-BIO-1a.

Nesting raptor surveys were conducted by California Department of Fish & Wildlife (CDFW) -approved biologists in accordance with the Nesting Bird Management, Monitoring, and Reporting Plan (MM BIO-7j). Bird buffers have been installed at work sites, and avian biologists were onsite enforcing buffer boundaries (see Attachment A – Photo 3).

In order to minimize disturbance and the potential to spread weed species, all work areas that contain localized populations of weed species are being identified with signage in the field in accordance with the Noxious Weed Management Plan (MM BIO-3a) (see Attachment A – Photo 4).

In accordance with MM HYD-1, straw wattles were installed around pad site perimeters for erosion control. Stationary equipment was placed on plastic sheets (see Attachment A – photo 5) to prevent potential leaks from being discharged into the soil, and containment bins were placed beneath temporarily staged equipment.

ECO Substation

Construction activities at the ECO Substation included spoil delivery for 500kv pad grading, foundation drilling and concrete form building, substation structure construction, delivery of 500kv transformer, installation and wiring of circuit breakers, and erection of steel structures at 230/138kv pad.

Water trucks were observed applying water to areas of active construction on a regular basis to minimize fugitive dust emissions (see Attachment A – photo 6). A rock apron and rattle plate are being maintained at the point of ingress/egress to the ECO substation in accordance with the Dust Control Plan and MM-BIO-4a.

All construction activities were completed within the approved work limits in accordance with MM-BIO-1a. Biological monitors ensured that trenches were sloped and excavations were covered at the end of daily construction activities to prevent wildlife entrapment.

As required by Hazardous Materials and Management plan (HAZ-1a), spill kits were observed on site and on construction equipment to ensure materials are readily accessible for clean-up of small spills. Staged equipment and portable facilities were observed to be equipped with containment measures (see Attachment A – photo 7). A concrete washout bin was observed being utilized and maintained in good condition in accordance with the SWPPP and MM-HYD-1 (see Attachment A – photo 8).

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 continues. 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 62 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 14 vaults and 21 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. Twenty-five pole pads/spur roads have been complete, 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 62 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: Trucks transporting bulk materials covered in accordance with MM AQ-1.



Photo 2: Special status plants marked with pin flags in accordance with MM BIO-5b.

ATTACHMENT A (Continued)



Photo 3: Avian biologist were observed onsite in accordance with the Nesting Bird Management, Monitoring, and Reporting Plan (MM BIO-7j).



Photo 4: Work areas containing localized populations of weed species identified with signage in the field in accordance with the Noxious Weed Management Plan (MM BIO-3a).

ATTACHMENT A (Continued)



Photo 5: Stationary equipment placed on plastic sheets to prevent potential leaks from being discharged into the soil as per MM HYD-1.



Photo 6: Water trucks applying water to areas of active construction on a regular basis to minimize fugitive dust emissions.

ATTACHMENT A (Continued)



Photo 7: Staged equipment and portable facilities equipped with containment measures in accordance with HAZ-1a.



Photo 8: A concrete washout bin was observed being utilized and maintained in good condition in accordance with the SWPPP and MM-HYD-1.

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
010	December 19, 2013	Access Road and Work Space Refinements at Steel Pole 63 & 64	Approved	January 14, 2014
011	January 16, 2014	Temporary Meeting Location for Material & Equipment Deliveries	Approved	January 22, 2014