	California Public Utilities Commission ***Mitigation Monitoring, Compliance, and Reporting Program***
	East County (ECO) Substation Project **Compliance Status Report: 031** **June 8, 2014**

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 26 2014 through June 8 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. 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

<u>138 kV Underground Transmission Line</u>

Construction activities during this reporting period consisted of repair and maintenance of erosion control devices along the right-of-way (ROW); continued excavation, conduit and slurry placement; jack-and-bore

drilling activities; tie-in of the pipe associated with the horizontal directional drill conduit; racking within vaults; and cleaning and mandreling of the installed conduit packages.

Water trucks were being utilized during excavation and backfilling activities and along common used access roads to minimize fugitive dust emissions in accordance with the Dust Control Plan and MM-BIO-4a. Trucks used during spoil removal associated with excavation were observed covering loads prior to entering publicly accessed roads in accordance with MM-BIO-4a and MM-AQ-1 (see Photo 1 – Attachment A).

Archaeological and Native American observers were onsite monitoring ground disturbance and construction activities in proximity to ESA's in accordance with MM-CUL-1d. Additionally, the limits of work and ESAs were clearly marked in the field per MM-CUL-1a.

In accordance with MM-BIO-1c, biological monitors were onsite to survey areas of active construction for compliance with biological mitigation measures. Topsoil was observed staged along the limits of work that will be utilized for restoration activities in accordance with MM-BIO-1d.

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.

Throughout the ROW, trenches and excavations were observed covered to prevent wildlife entrapment in accordance with MM-BIO-7a (see Photo 2 – Attachment A). 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.

138 kV Overhead Transmission Line

Construction activities during this reporting period consisted of drilling, and placing concrete for foundations; continued patch work on foundations; track-footing of pad site slopes; geotechnical boring at multiple sites, continued spoil removal at various sites, and continued maintenance of access roads and repair of sediment and erosion control devices throughout all active pole sites.

Erosion control measures consisting of straw wattles, silt fence and gravel bags are being maintained along the ROW in accordance with the SWPPP and MM-HYD-1. Staged and active stationary equipment featured containment as required by MM-HAZ-1a. Jurisdictional waterways were marked off with blue flagging to highlight their location for avoidance. ESA's throughout the work right of way were marked, including special species flagging for plants as stipulated by BIO-5b.

Biological monitors were onsite throughout the ROW to ensure construction activities remained within the approved work limits and to monitor for sensitive wildlife species (MM-BIO-1a and MM-BIO-1c). 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.

Per the Construction Fire Prevention/Protection Plan, SDG&E was observed inspecting equipment along the ROW 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.

Dust control measures in line with MM-AQ-1 and MM-BIO-4a, including diligent watering during rough grading and access road maintenance were observed to be effective (see Photo 3 – Attachment A). Track-out measures consisting of rumble plates and rock aprons were in place and maintained, and traffic control crews were observed manually sweeping up project related track out throughout and at the end of the day.

East County Substation

Construction activities during this reporting period consisted of delivery of spoil for rough-grading of the southeast corner of the 500 kV pad; concrete form building and substation structures and buildings construction; installation of ground grid and electrical systems; installation and wiring of circuit breakers; wiring within the control shelter and other buildings; pouring of Class II base within the 230/138 kV substation pad; construction of the V-ditch drainage system; installation of security fencing around the 230/138 kV and 500kv substation pad; final grading of the eastern portion of the 500 kV substation pad; paving roads within the 230 kV pad; electrical testing; pulling control cable; installation of conduit and conductor; paving of southern access road and 500kv substation pad; and repair and maintenance of installed sediment and erosion control devices throughout the site.

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 with in 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.

Construction equipment and staged materials throughout the substation were equipped with drip pan containment as stipulated by MM-HAZ-1a (see Photo 4 – Attachment A). Hazardous materials stored onsite were observed to be labeled and staged in proper containment bins per MM-HAZ-1a. As required by MM-HAZ1-c, trash storage bins were equipped with covers to avoid dispersal due to weather or wildlife.

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.

Boulevard Substation Rebuild

Construction activities during this reporting period consisted of construction of fire wall foundations, installation of circuit breakers and wiring, installation of the underground transmission line conduit and placement of underground electrical vaults, mechanical and electrical build out of the control shelter, and construction of the drainage system, including the placement of rip rap.

Water trucks and water buffalos equipped with hoses were observed being utilized to water down areas of active construction and access roads to minimize fugitive dust emissions in accordance with MM-BIO-4 and MM-AQ-1. Topsoil salvaged during initial grading was stockpiled along slopes of the substation, set aside to be used during restoration efforts in accordance with MM-BIO-1d and the Habitat Restoration Plan.

A fire patrol was on site and actively checking all entering personnel for SWEAP 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 wattle and silt fencing were observed installed and being maintained in accordance with MM-HYD-1 and the Project SWPPP. Hazardous materials staged onsite were placed within proper containment and labeled in accordance with MM-HAZ-1a. No smoking signs were clearly marked and adjacent to the hazardous waste areas.

In compliance with BIO7j and in an attempt to reduce the risk of nesting bird settlement, staged equipment was being covered with thin netting so as to avoid bird or wildlife settlement or entrapment (see Photo 5 – Attachment A).

SWPL Loop In

Construction activities during this reporting period consisted of setting of steel structures, pulling sock line, installing conductors and fiber optic cable, completion of foundations, hanging of insulators and travelers on steel poles, and installation of fiber optic cable from the existing Sunrise Powerlink to SWPL loop-in structures.

Topsoil salvaged during initial grading was stockpiled along slopes of the substation, set aside to be used during restoration efforts in accordance with MM-BIO-1d and the Habitat Restoration Plan (see Photo 6 – Attachment A).

Water trucks equipped with hoses were observed being utilized to water down areas of active construction and access roads to minimize fugitive dust emissions in accordance with MM-BIO-4 and MM-AQ-1.

Staged and active stationary equipment featured containment as required by MM-HAZ-1a. Erosion control measures consisting of straw wattles, silt fence and gravel bags are being maintained along the ROW in accordance with the SWPPP and MM-HYD-1.

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 non-compliances or deviations occurred 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 and are 59% complete.

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. Construction at ECO substation is 97% complete.

138 kV Underground Construction

Construction crews have completed 37 vaults and 80% of trenches have been excavated and backfilled.

138 kV Overhead Construction

Fifty-three steel pole pads/spur roads have been completed, thirty-three pole foundations are complete, and one pole has been erected.

SWPL Loop-In

All fourteen structure foundations have been completed, fourteen poles are erected and 65% of wire has been installed.

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.

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: Trucks used during spoil removal associated with excavation were observed actively covering loads prior to entering publicly accessed roads in accordance with the Project SWPPP and MM-BIO-4a and MM-AQ-1.

Photo 2: Trenches and excavations were observed being covered to prevent wildlife entrapment in compliance with MM-BIO-7a.

Photo 3: Dust control measures in including diligent watering during rough grading and access road maintenance were observed being implemented in accordance with MM-AQ-1 and MM-BIO-4a.

Photo 4: Construction equipment and staged materials throughout the substation were equipped with drip pan containment as stipulated by MM-HAZ-1a.

Photo 5: In compliance with BIO7j and in an attempt to reduce the risk of nesting bird settlement, staged equipment were observed being covered with thin netting so as to avoid bird or wildlife settlement or entrapment.

Photo 6: Topsoil salvaged during initial grading was stockpiled along slopes of the substation to be used during restoration efforts in accordance with MM-BIO-1d and the Habitat Restoration Plan.

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 & 64	Approved	January 14, 2014
011	January 16, 2014	Temporary Meeting Location for Material & 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