

	California Public Utilities Commission <i>Mitigation Monitoring, Compliance, and Reporting Program</i>
	Mira Sorrento Distribution Substation Project Compliance Status Report: 008 September 1, 2013

SUMMARY

The California Public Utilities Commission (CPUC) is responsible for overseeing implementation of the mitigation measures set forth in the Final Mitigated Negative Declaration (MND) for the Mira Sorrento Distribution 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 MND to mitigate or avoid 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 August 26, to September 1, 2013.

MITIGATION MONITORING, COMPLIANCE, AND REPORTING

Site Inspections/Mitigation Monitoring

A CPUC third-party environmental compliance monitor conducted site observations at the Mira Sorrento Distribution Substation project site within the surveyed work limits. 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. Site observations were documented on daily site inspection forms and applicable mitigation measures were reviewed in the field.

Implementation Actions

Construction activities during the reporting period primarily consisted of groundwater dewatering along the eastern edge of the construction site, the excavation of soil saturated with groundwater adjacent to the groundwater dewatering wells, and the replacement of excavated soils with gravel fill (see Attachment A – Photo 1). Additionally, two groundwater monitoring wells located outside of the site perimeter and within the wetland Environmentally Sensitive Area (ESA), were decommissioned (see Attachment A – Photo 2). In accordance with MM-HY-2, SDG&E submitted a dewatering plan to CPUC prior to extracting any groundwater.

In accordance with MM BIO-2, a biological monitor and a wetland specialist were present during the decommissioning of two groundwater monitoring wells within the wetland Environmentally Sensitive Area (ESA) about 15 feet outside of the eastern site perimeter (see Attachment A – Photo 2). The monitors worked with the construction contractor to minimize impacts outside of the project disturbance limits, and to prevent any impacts from occurring to the adjacent wetland habitat. The location was accessed via an opening in the perimeter fence and all activities took place in disturbed habitat void of native wetland vegetation.

In accordance with MM BIO-3, on-site personnel attended the Worker Environmental Awareness Program (WEAP) training by SDG&E. As part of the WEAP, workers were provided with general provisions to follow, a brief overview of the environmental monitors and their responsibilities, information on biological, paleontological, and cultural resources, and project requirements regarding noise, hazardous materials, water quality, and traffic.

In accordance with APM HYD-1, SDG&E has prepared a Storm Water Pollution Prevention Plan (SWPPP) under the General Construction Permit, and is implementing Best Management Practices (BMPs) to avoid or minimize potential impacts to water quality. Storm water control BMPs were utilized to prevent sediment laden water from entering waterways. These included straw wattles on the faces of cut slopes created during excavation, silt fence and straw bales along the eastern perimeter adjacent to the wetland ESA, and silt fence and k-rail along the western perimeter (see Attachment A – Photo 5). In addition, a straw wattle was placed between the wetland ESA and the groundwater monitoring wells during decommissioning activity (see Attachment A – Photo 3). Secondary containment including visqueen and gravel bags, and drip pans were observed beneath porta-potty facilities, and staged construction equipment to prevent potential leaks from being discharged into the soil (see Attachment A – Photo 4). To prevent dirt from accumulating on the off-site road of Mira Sorrento Place, anti-dirt tracking control devices such as rumble plates and a rock apron were present at the site ingress/egress (see Attachment A – Photo 6). To prevent wind erosion and dust creation from occurring, water was applied to the site access road and to stockpiled gravel near the eastern perimeter.

In accordance with MM TT-1 and MM TT-2, the arrival of construction personnel and the delivery of supplies and equipment to the site did not occur during the project area peak traffic hours.

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 MND for the Mira Sorrento Distribution Substation Project, as adopted by the CPUC on December 27, 2012 (Decision D.12-12-017).

Compliance

Pre-construction mitigation measures have been completed as indicated in CPUC NTP No. 001 (see Attachment B). Applicable mitigation measures were verified during site inspections and were determined to be implemented in accordance with the MMCRP.

CONSTRUCTION PROGRESS

Dewatering of groundwater continued along the eastern edge of the construction site. Unsuitable soil adjacent to the groundwater dewatering wells was excavated and replaced with gravel fill to provide stable ground in preparation for the construction of the retaining wall. Groundwater dewatering will continue until all unsuitable soil is excavated and replaced with gravel fill. Additionally, two groundwater monitoring wells located about 15 feet outside of the eastern perimeter fence were carefully decommissioned (wells removed and filled with grout), as to not impact the adjacent wetland ESA.

CONSTRUCTION SCHEDULE

Mira Sorrento Distribution Substation Construction (CPUC NTP No. 001) – SDG&E began clearing activities at the Mira Sorrento project site on July 8, 2013. Grading activities are scheduled to be completed by January 1, 2014.

ATTACHMENT A Photos



Photo 1: Dewatering continued along the eastern perimeter of the construction site, as soil saturated with groundwater was excavated and replaced with gravel fill in preparation for wall construction.



Photo 2: Decommissioning of two groundwater monitoring wells outside the project limits and adjacent to the wetland ESA.

ATTACHMENT A (Continued)



Photo 3: In accordance with APM-HYD-1, a straw wattle was placed between the wetland habitat and the groundwater monitoring wells for sediment control while decommissioning activities took place.



Photo 4: In accordance with APM-HYD-1, secondary containment was placed under staged construction equipment to prevent potential leaks from being discharged into the soil.

ATTACHMENT A (Continued)



Photo 5: In accordance with APM-HYD-1, storm water control BMPs were observed along the site perimeter to minimize erosion and silt laden runoff.



Photo 6: In accordance with APM-HYD-1, drip pans were used under construction equipment to prevent potential leaks from being discharged into the soil.

ATTACHMENT B Notices to Proceed

NTP No.	Date Issued	Description	Conditions Included (Y/N)
CPUC - 001	June 21, 2013	Construction of the Mira Sorrento Distribution Substation Project	Y

ATTACHMENT C

Minor Project Refinement Request

Minor Project Refinement Request No.	Submitted	Description	Status	Approval
N/A	N/A	N/A	N/A	N/A