

	<p>California Public Utilities Commission <i>Mitigation Monitoring, Compliance, and Reporting Program</i></p>
	<p>South Bay Substation Relocation Project</p> <p>Compliance Status Report: 014</p> <p>August 31, 2015</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 (FEIR) for the South Bay Substation Relocation 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 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 2 through August 31, 2015.

MITIGATION MONITORING, COMPLIANCE, AND REPORTING

Site Inspections/Mitigation Monitoring

A CPUC third-party environmental compliance monitor conducted site observations in areas of active construction. Observations were documented using site inspection forms, and applicable applicant proposed measures (APMs) and mitigation measures (MMs) were reviewed in the field.

Implementation Actions

During the month of August, construction activities occurred at the Bay Boulevard Substation location and included the following:

- Installing and maintaining Stormwater Pollution Prevention Plan (SWPPP) Best Management Practices (BMPs)
- Grading at the 230 kiloVolt (kV) substation pad and associated internal access roads
- Drilling for foundations, setting rebar, and pouring concrete (See Photo 1—Attachment A)
- Incorporating spoils from drilling operations into fill material north of the 230 kV pad (See Photo 2—Attachment A)
- Placing forms and wire mesh for the bioswale and bioretention basin

- Pouring concrete for pier shafts and along the slopes of the bioswale (See Photo 3—Attachment A)
- Excavating, placing forms, and pouring concrete for the screen wall footing
- Conducting masonry work for the control shelter and screen wall
- Excavating, placing, and backfilling pipe casing within an existing drainage on the Metropolitan Transit System (MTS) property
- Constructing forms and placing concrete for the control shelter structure and transformer pad
- Material deliveries and internal haul road maintenance

During construction of the Bay Boulevard Substation project components, compliance with Air Quality APMs and MMs were observed by the CPUC third party monitor. Crews were observed maintaining speed limits of 15 mph or less in accordance with APM-AIR-02 and water trucks were observed being used to prevent dust emissions on site in accordance with APM-AIR-01/MM-BIO-05. No reports of grading over eight acres per day (APM-AIR-03) were made this reporting period.

Biological monitors were observed onsite during construction activities in accordance with APM-BIO-01. Biological monitors were observed checking heavy equipment to ensure they were free of debris prior to departure to minimize potential for off-site transport of noxious weeds in accordance with MM-BIO-04. Archeological monitors and paleontological resources were observed present during initial ground disturbance activities, including drilling for foundations, consistent with the requirements contained in MM-CUL-01 and APM-CUL-05.

The qualified SWPPP Practitioner (QSP) was observed onsite conducting inspections ranging from checking equipment for leaks to checking effectiveness of BMP installation (silt fencing, straw wattles, gravel bags, etc.). Concrete washout areas were observed designated and covered in accordance with the SWPPP/MM HYDRO-1 (See Photo 4—Attachment A). New gravel bags were observed installed at the southern project driveway excavation area in order to minimize off-site sediment discharge in accordance with the SWPPP/MM-HYDRO-01 (see Photo 5—Attachment A). During a site visit this reporting period, CPUC environmental monitors inquired about the condition of installed silt fencing adjacent to and north of the substation perimeter wall. The QSP noted that the silt fencing was no longer required in that area and would be removed. Additionally, the QSP committed to working with staff to ensure other BMPs no longer needing to be in place (i.e. gravel bags placed in front of an inlet on Bay Boulevard during potholing activities) would be removed.

During site inspections, traffic control measures were observed being utilized at the Bay Boulevard Substation in accordance with the Traffic Management Plan (MM TRA-01). Heavy-duty construction vehicles were observed using Palomar Avenue in accordance with APM-TRA-01 and flag persons were observed at the substation entrance to direct traffic along Bay Boulevard during the hauling of oversized loads to the site (see Photo 6—Attachment A). The rock apron near the entrance to the Bay Boulevard Substation was observed in good condition at the time of observations.

Spill prevention measures observed during this reporting period included containment bins placed beneath hazardous materials and equipment stored onsite, spill kits staged on site, drip pans placed beneath sanitary facilities, and absorbent materials beneath staged equipment in accordance with APM-HAZ-01.

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 Decision for the South Bay Substation Relocation Project, as adopted by the CPUC on October 17, 2013 (Decision D.13-10-024).

Compliance Status

CPUC third-party monitors observed overall compliance with mitigation measures throughout the reporting period.

CONSTRUCTION PROGRESS

Bay Boulevard Substation

Initiated on February 16, 2015. Estimated completion date is November 2016. Approximately 28% complete.

South Bay Substation Demolition

Not Started. Estimated completion date is July 2017.

230 Kilovolt (kV) Loop In

Not Started. Estimated completion date is November 2016.

69 kV Loop In/Relocation

Not Started. Estimated completion date is March 2017.

138kV Extension

Not Started. Estimated completion date is March 2017.

CONSTRUCTION SCHEDULE

South Bay Substation Relocation Project (CPUC NTP No. 001) – SDG&E began potholing activities at the project site on January 5, 2015. All project activities are scheduled to be complete by July 2017.

ATTACHMENT A Photos



Photo 1: Drilling for tower foundations at the Bay Boulevard Substation. Monitors were observed on site during initial disturbance in accordance with MM-CUL-01 and APM-CUL-05, as applicable.

ATTACHMENT A (Continued)



Photo 2: Placement of fill material north of the 230kV yard. No dust was observed during activities in accordance with APM-AIR-01.

ATTACHMENT A (Continued)



Photo 3: Pouring concrete along the slope of the bioswale (western edge, above).

ATTACHMENT A (Continued)



Photo 4: Designated concrete washout areas were available, covered, and marked on site in accordance with the SWPPP.

ATTACHMENT A (Continued)



Photo 5: Gravel bags were installed at the southern entrance along the temporary perimeter fence to prevent off-site sediment discharge in accordance with the SWPPP.

ATTACHMENT A (Continued)



Photo 6: Traffic Control flaggers were stationed at the entrance of the Bay Boulevard Substation site during heavy oversized load deliveries in accordance with the Traffic Management Plan (APM-TRA-01).

ATTACHMENT B Notices to Proceed

NTP No.	Date Issued	Description	Conditions Included (Y/N)
CPUC - 001	November 14, 2014	Potholing and Grading at the Bay Boulevard Substation	Y
CPUC-002	March 17, 2015	Full Construction of the Bay Boulevard Substation	Y

ATTACHMENT C
Minor Project Refinement Request

Minor Project Refinement Request No.	Submitted	Description	Status	Approval
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