

	<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: 016</p> <p>October 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 October 1 through October 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 October, construction activities at the Bay Boulevard Substation included the following:

- Placing the 69 kilovolt (kV) and 230 kV transformers onto transformer pads, assembling and dressing the 230kV transformer
- Drilling for and setting foundations, setting rebar cages, and pouring concrete
- Placed engineered fill in the bioretention basin (See Photo 1—Attachment A)

- Excavating and setting rebar for the screen wall footing on the eastern side of the substation and conducting masonry work on the wall and control shelter (See Photo 2—Attachment A)
- Erecting steel structures
- Trenching and installing duct bank within the middle and northern driveway and within the substation site; pouring concrete for wing walls for the box culvert at the southern driveway; and installing forms, pouring concrete and backfilling the box culvert at the southern driveway (See Photo 3—Attachment A)
- Installing and testing dewatering wells at pole foundation locations within the Substation
- Drilling foundation holes for the microwave tower

Activities along the transmission line component included the following:

- Digging pole holes and excavating for anchors using an auger and hand tool
- Receiving and installing wood poles
- Removing the existing poles slated for removal
- Transferring conductor from the existing poles slated for removal to the new poles
- Continuing to install the dewatering system for foundation holes and the jack-and-bore location.
- Drilling for dewatering wells north and south of Telegraph Creek
- Conducting saw cutting within Bay Boulevard and along the bike trail at the southern extent of the substation site
- Conducting potholing for utilities at the foundation locations along Bay Boulevard
- Trenching for and placing conduit, pouring encasement, and backfilling the for the 69 kV duct bank packages
- Trenching for the 138 kV transmission line duct bank package
- Installing the foundation for Steel Pole 1550

Activities at the H & Bay Boulevard Yard included maintenance of sediment control BMPs and installation of a temporary power pole for the construction trailer.

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. Water trucks were observed on site watering topsoil, roads, stock piles, etc. in effort to prevent dust emissions on site in accordance with APM-AIR-01 and MM-BIO-05. Additionally, crews were observed manually watering areas to prevent

dust emissions. No fugitive dust was observed and no reports of grading over eight acres per day (APM-AIR-03) were made this reporting period.

Biological, paleontological, and archaeological monitors were observed onsite during construction activities along the transmission alignment in accordance with APM-BIO-01, APM-BIO-02, MM-CUL-01, and APM-CUL-05 (See Photo 4—Attachment A). 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. Because initial ground-disturbing activities occurred, archaeological monitors were at the site in accordance with MM-CUL-01 and paleontological monitors were on site during drilling or ground disturbing activities having potential to impact the Bay Point Formation in accordance with APM-CUL-05.

SWPPP BMPs installed at the Bay Boulevard Substation site, including silt fencing and straw wattles around the temporary perimeter fence, as well as the rock apron/rattle plates at the entrance of the Substation site and the transmission alignment, were observed to be intact and in good functioning condition. Silt fencing was also installed at the southern part of the transmission alignment, along with “Environmentally Sensitive Area” signs to protect a jurisdictional feature (See Photo 5—Attachment A). Sediment track out onto Bay Boulevard was not observed at the times of inspection.

Installed gravel bag dams were observed upstream and downstream of excavation grading activities within the drainage swale for the southern driveway and associated box culvert were intact. In preparation for rain events that occurred this reporting period, visqueen was observed installed along the box culvert trench and secured with gravel bags in accordance with the SWPPP. Stockpiles were observed covered and secured with gravel bags and lined with straw wattles at the base. The qualified SWPPP Practitioner (QSP) was observed onsite conducting inspections ranging from checking equipment for leaks to checking effectiveness of BMP installation. The gravel bag dam located at the southwestern corner of the Bay Boulevard Substation appeared to be intact.

Crews were observed mobilizing and staging materials and equipment within the transmission alignment. Absorbent materials were observed under staged heavy equipment in order to prevent potential equipment leaks from penetrating soil, and waste bins were contained in accordance with the SWPPP and APM-HAZ-01. Dumpsters were observed secured and covered in order to prevent attracting wildlife or causing litter within the work area (See Photo 6—Attachment A).

During CPUC site inspections, traffic control measures were observed being utilized at the Bay Boulevard Substation in accordance with the Traffic Management Plan (MM TRA-01). Traffic control flaggers were observed directing traffic during temporary disturbance along Bay Boulevard. Signage was observed placed along Bay Boulevard in accordance with the Traffic Management Plan/Traffic Control Permit to notify bicyclists of the bike path closures and to notify drivers to share the road. Heavy-duty construction vehicles were observed using Palomar Avenue in accordance with APM-TRA-01 and flag persons were observed during the hauling of oversized loads to the site. An amended Traffic Management Plan/Permit issued by the City of Chula Vista was provided by SDG&E to the CPUC on

October 8, 2015, and included the components specific for construction of the transmission line components of the Project.

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

Estimated completion date is November 2016. Approximately 50% complete.

South Bay Substation Demolition

Not Started. Estimated completion date is July 2017.

230 Kilovolt (kV) Loop In

Estimated completion date is November 2016. Approximately 10% complete.

69 kV Loop In/Relocation

. Estimated completion date is March 2017. Approximately 38% of the overhead component is complete and approximately 10% of the underground component is complete

138kV Extension

Estimated completion date is March 2017. Approximately 2% is complete.

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: Construction crews were observed placing engineered fill in the bioretention basin during this reporting period.

ATTACHMENT A (Continued)



Photo 2: Foundation and masonry work on the construction screening wall (above) and control shelter continued this reporting period.

ATTACHMENT A (Continued)



Photo 3: Continuing construction of the box culvert and excavation for the wing walls upstream of the box culvert at the Bay Boulevard Substation southern driveway site was observed this reporting period.

ATTACHMENT A (Continued)



Photo 4: During pole removal and installation along the transmission alignment, biological and archaeological monitors were observed on site in accordance with APM-BIO-01, APM-BIO-02, and MM-CUL-01, and APM-CUL-05. Paleontological monitors were observed in areas potentially affecting the Bay Point Formation in accordance with APM-CUL-5.

ATTACHMENT A (Continued)



Photo 5: Silt fencing and “Environmentally Sensitive Area” signs were used to protect jurisdictional features along the transmission line alignment.

ATTACHMENT A (Continued)



Photo 6: Equipment including dumpsters, heavy vehicular equipment, building materials, etc. was staged along the transmission line alignment. Silt fencing was installed around staging areas, waste bins were observed contained, absorbent material was observed under staged vehicular equipment (above), and dumpsters were observed covered and secured to prevent attracting wildlife.

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
CPUC-003	September 3, 2015	Construction of the Transmission Line Components	Y

ATTACHMENT C
Minor Project Refinement Request

Minor Project Refinement Request No.	Submitted	Description	Status	Approval
-	-	-	-	-