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PROJECT MEMORANDUM

PG&E EMBARCADERO-POTRERO 230 KV TRANSMISSION PROJECT

To: Billie Blanchard, Project Manager, CPUC
From: Vida Strong, Aspen Project Manager
Date: October 14, 2014
Subject: Monitoring Report #3 – September 29 to October 5, 2014

This report provides a summary of the construction and compliance activities associated with the PG&E Embarcadero-Potrero (E-P) 230 kV Transmission Project.

A summary of the Notices to Proceed (NTPs) for construction and Minor Project Change (MPC) activities are provided in Tables 1 and 2, respectively (below).

CPUC Environmental Monitor (EM): Jody Fessler was on site September 29, 2014.

CPUC NTPs

E-P Potrero Switchyard Site Preparation

NTP #1 was issued on August 21, 2014 for the site preparation of the Potrero Switchyard on 23rd Street adjacent to the existing Potrero Substation on the corner of 23rd Street and Illinois Street in San Francisco. NTP #1 included conditions that had to be satisfied prior to the start of construction.

Summary of Activity:

1. ABB safety training was held on Monday morning at the ABB office.
2. Debris clean-up was conducted Monday through Wednesday by contractor PSC. Bollards were removed Tuesday (see Figure 1).
3. Scaffolding around Structure #1 was removed on Monday.
4. At the time of the CPUC EM site visit on September 29th, PSC was removing debris (scrap metal and bollards). Debris was watered down before it was removed.
5. Archaeological Monitoring was conducted on Tuesday during ground disturbing activities.
6. PG&E's Environmental Inspector conducted monitoring of this area throughout the week, including SWPPP inspections.
7. No work was conducted Thursday, Friday, and Sunday.

Environmental Compliance:

1. PG&E's Environmental Inspectors found work activities to be acceptable.
2. The CPUC EM noted that the Potrero Switchyard was neat and clean.

E-P Horizontal Directional Drill (HDD) Construction

NTP #2 was issued on August 28, 2014 for the HDD Construction on Spear Street, at the northern end of the project, and 23rd Street, at the southern end of the project, in San Francisco. Both HDDs would terminate within the San Francisco Bay and will be tied together in the future via a subsea cable. NTP #2 included conditions that had to be satisfied prior to the start of construction, as well as prior to the start of any work in the Bay.



Summary of Activity at the Northern Bore (Spear Street):

1. Drilling activities throughout the week included: HDD casing installation and drilling of Bore #3, moving sediment between roll-out bins, and removal of Bore #3 casings (see Figures 2 and 3).
2. Traffic controls have been established at the corner of Spear Street and Harrison Street by Bay Area Traffic Solutions (BATS). Limited access is provided to Spear Street (a dead end street) including deliveries and people with parking garage permits, as well as construction personnel.
3. An 8-foot-tall chain link fence with sound blankets is in place around the HDD equipment and work area.
4. At the time of the CPUC EM site visit on September 29th, the HDD rig was staged at Bore #3, as well as supporting equipment (mud separator, generators, etc.), and mud was being mixed for more drilling activities.
5. PG&E's Environmental Inspector conducted monitoring of the work activities throughout the week, including SWPPP inspections.
6. No work activities were conducted on Sunday.

Environmental Compliance:

1. PG&E's Environmental Inspectors found work activities to be acceptable.
2. The CPUC EM noted that the site was neat and clean, SWPPP measures were in place, and traffic controls were established.

Summary of Activity at the Southern Bore (23rd Street):

1. Activities throughout the week included: saw cutting pavement for "jumper" water line pipe installation on Monday and Tuesday (see Figure 4), excavation for pipe installation Wednesday through Saturday, installation of pipe and backfilling of trench on Saturday, and hydro-testing of pipe on Sunday.
2. At the time of the CPUC EM site visit on September 29th, crews were preparing to cut more asphalt for the "jumper" water line pipe to be moved around the work area.
3. PG&E's Environmental Inspector conducted monitoring of the work activities throughout the week, including SWPPP inspections.
4. Air quality monitoring was taking place near the work area during ground disturbing activities.
5. An Archeological Monitor was present for ground disturbing activities.
6. Street sweeping occurred Friday through Sunday, and additional BMPs were installed on Sunday.
7. On Monday, "5 Minute Idling Limit" signs were installed. On Thursday, "No Parking" signs were installed along 23rd Street.

Environmental Compliance:

1. PG&E's Environmental Inspectors found work activities to be acceptable.
2. The CPUC EM noted that the site was neat and clean, and SWPPP measures were in place.

Amador Staging and Laydown Yard

Minor Project Change #1 was issued on July 23, 2014 for the use of the Amador Staging and Laydown Yard on Amador Street, San Francisco. The Minor Project Change #1 included conditions that had to be satisfied prior to the staging of equipment and materials at the yard.

Summary of Activity:

1. Staging of equipment overnight and trailer office use occurred Monday through Sunday at the yard.
2. Material deliveries occurred on Tuesday and Sunday at the yard.
3. Tailboard meetings occurred at the yard Monday through Sunday.
4. PG&E’s Environmental Inspector conducted monitoring of the work area and activities throughout the week, including SWPPP inspections.

Environmental Compliance:

1. PG&E’s Environmental Inspectors found work activities to be acceptable.
2. The CPUC EM did not conduct a site visit of the Amador Yard since little activity had occurred there since her last visit on September 25th.

Notices to Proceed

Table 1 summarizes the Notices to Proceed (NTP) for the Embarcadero-Potrero Project. During the subject reporting period, the request for NTP #3 was under review, but was subsequently issued by CPUC on October 9, 2014.

Table 1
Notice to Proceeds (NTPs)
(Updated 10/14/14)

NTP #1	Date Requested	Date Issued	Phase	Description
NTP #1	6/23/14	8/21/14	Potrero Site Preparation	Site preparation and excavation of the 230 kV Potrero Switchyard site on 23 rd St., SF.
NTP #2	7/31/14	8/28/14	HDD	Horizontal directional drilling on Spear St. and 23 rd St. connecting to the SF Bay.
NTP #3	9/18/14	10/09/14	Underground Duct Bank and Vaults	Underground duct bank and vault installation between the HDD transition on Spear St. to the Embarcadero Substation on Folsom St. in the northern section, and between the HDD transition on 23 rd St. to the Potrero Switchyard in the southern section, SF.

Minor Project Changes

Table 2 summarizes the Minor Project Changes submitted for the Embarcadero-Potrero Project.

Table 2
Minor Project Changes (MPCs)
(Updated 10/14/14)

MPC	Date Requested	Date Issued	Phase	Description
MPC #1	7/16/14	7/23/14	Amador Staging and Laydown Yard	Use of an existing staging and laydown yard adjacent to Alternate Staging Area #3 (as identified in the IS/MND) on Amador St., SF.

PROJECT PHOTOGRAPHS



Figure 1 – PSC working on debris clean-up at Potrero Switchyard. View southeast, September 29, 2014.



Figure 2 – HDD set-up at Bore #3 on Spear Street. View west, September 29, 2014.



Figure 3 – Sign installed at corner of Spear Street and Harrison Street. View north, September 29, 2014.



Figure 4 – Water line work on 23rd Street. View east, September 29, 2014.