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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 3, 2014
Subject: Monitoring Report #2 – September 21 to 27, 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 25, 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. Asbestos abatement took place throughout the week on a small shed (Structure 1; see Figure 1) and a cement wall that will be removed from the site. Bollard removal also took place.
2. At the time of the CPUC EM site visit on September 25th, no work activities were taking place in the Potrero Switchyard other than people working in office trailers.
3. PG&E's Environmental Inspector conducted monitoring of this area.

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. Activities throughout the week included: BMP maintenance, completion of installing casings (N2 and N3), removal of sediment from casings (spoils), removal of casing installation equipment and materials, delivery and staging of HDD drilling equipment and materials, and HDD drilling.



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 25th, the HDD rig was staged as well as supporting equipment (mud separator, generators, etc.), but no drilling had commenced as HDD Company, Inc. was trying to find a source of water (see Figure 2). A fire hydrant on Embarcadero was investigated, but was logistically impractical because of the City sidewalks that the water hose would have to cross.
5. PG&E's Environmental Inspector conducted monitoring of the work activities.
6. An Archaeological Monitor was present for ground disturbing activities.

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: delivery and staging of casing installation equipment and materials, vegetation trimming (fennel), and water line excavation.
2. At the time of the CPUC EM site visit on September 25th, no work was taking place on 23rd Street.
3. PG&E's Environmental Inspector conducted monitoring of the work activities.
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.

Environmental Compliance:

3. PG&E's Environmental Inspectors found work activities to be acceptable.
4. The CPUC EM did not conduct a site visit of 23rd Street since no work was taking 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. Materials and equipment delivery and mobilization continued at the Amador Yard throughout the week.
2. Damaged secondary containment (i.e. bermed visqueen) was removed.
3. At the time of the CPUC EM site visit on September 25th, no crews were observed working in the yard (see Figure 3).
4. PG&E's Environmental Inspector conducted monitoring of the work area and activities.

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, vehicles and materials had secondary containment, and SWPPP measures were in place.

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.

Table 1
Notice to Proceeds (NTPs)
 (Updated 10/03/14)

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	Under Review	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 10/03/14)

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 – Shed (Structure 1) and wall to be treated for asbestos at Potrero Switchyard. View northeast, September 25, 2014.



Figure 2 – Sound wall surrounding Spear Street HDD work area. View west, September 20, 2014 (photo courtesy of PG&E).



Figure 3 – HDD rig staged on Spear Street with supporting equipment and sound wall surrounding work area. View west, September 25, 2014.



Figure 4 – Equipment and vehicles staged at Amador Yard. View southwest, September 25, 2014.