



235 Montgomery Street, Suite 935, San Francisco, CA 94104
Tel. 415-955-4775, Fax 415-955-4776, www.aspeneg.com

PROJECT MEMORANDUM

PG&E EMBARCADERO-POTRERO 230 KV TRANSMISSION PROJECT

To: Billie Blanchard, Project Manager, CPUC
From: Vida Strong, Aspen Project Manager
Date: October 29, 2014
Subject: Monitoring Report #6 – October 20 to October 26, 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 October 21, 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. Foundation demolition and excavation activities occurred Monday through Friday (see Figure 1).
2. PSC conducted lead and asbestos abatement Tuesday through Thursday.
3. BMP installations occurred Thursday and Friday.
4. Street sweeping occurred Monday through Friday.
5. At the time of the CPUC EM site visit on Tuesday, October 21st, foundation demolition and excavation was occurring. The area was being watered to keep the dust down as they excavated. An underground “condensate” tank had been uncovered and PG&E had Paradiso Mechanical, Inc. on site assessing the situation (see Figure 2). A street sweeper was observed on site.
6. No work was conducted on Saturday or Sunday.

Environmental Compliance:

1. Archaeological monitoring was conducted Monday through Friday.
2. Air quality monitoring was conducted Monday through Friday.
3. PG&E’s Environmental Inspector conducted monitoring of this area throughout the week, including SWPPP inspections.
4. The CPUC EM noted that the street sweeper on site was creating more dust than it was cleaning up and dust was observed leaving the site. The CPUC EM contacted the PG&E Environmental Inspector, who then informed PG&E of the issue. The contractor will look into replacing that piece of equipment or having it repaired.
5. The CPUC EM noted that all other observed work activities were in compliance with the mitigation measures (MMs), Applicant Proposed Measures (APMs), and other permit requirements.



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. Demobilization of HDD equipment occurred Monday and Tuesday.
2. New larger HDD equipment and materials were delivered and set up Wednesday through Friday.
3. 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.
4. An 8-foot-tall chain link fence with sound blankets are in place around the HDD equipment and work area.
5. Street sweeping occurred Monday through Friday.
6. At the time of the CPUC EM site visit on October 21st, the HDD equipment had been moved out of the area and trench plates covered the bore pits. The crew was awaiting delivery of the larger HDD bore equipment and materials.
7. No work activities were conducted on Saturday or Sunday.

Environmental Compliance:

1. PG&E's Environmental Inspector conducted monitoring of the work activities throughout the week, including SWPPP inspections.
2. PG&E's Environmental Inspectors noted no non-compliance activities at this location.
3. The CPUC EM noted that SWPPP measures were in place and traffic controls were established. Observed work activities were in compliance with the MMs, APMs, and other permit requirements.

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

1. Staging of HDD equipment and materials occurred Monday through Wednesday (see Figure 3).
2. BMP repairs and adjustments occurred Friday.
3. At the time of the CPUC EM site visit on October 21st, HDD equipment and materials were being staged.
4. No work occurred at this site Thursday, Saturday or Sunday.

Environmental Compliance:

1. PG&E's Environmental Inspector conducted monitoring of the work activities, including SWPPP inspections.
2. PG&E's Environmental Inspectors noted no non-compliance activities at this location.
3. The CPUC EM noted that the site was neat and clean and SWPPP measures were in place. Observed work activities were in compliance with the MMs, APMs, and other permit requirements.

E-P Underground Duct Bank Construction

NTP #3 was issued on October 9, 2014 for the underground duct bank and vault installation component of the Embarcadero-Potrero 230 kV Transmission Project between the horizontal directional drill (HDD) transition on Spear Street to the Embarcadero Substation on Folsom Street in the northern section, and between the HDD transition on 23rd Street to the Potrero Switchyard in the southern section, in the City of San Francisco. NTP #3 included conditions that had to be satisfied prior to the start of construction.

Summary of Activity:

1. Saw cutting, pavement removal, and potholing for utilities occurred Monday through Thursday for the underground duct bank work on Folsom Street (see Figure 4).
2. Traffic control setup occurred on Monday through Thursday on Folsom Street.
3. Street sweeping occurred Monday through Thursday.
4. At the time of the CPUC EM site visit on October 21st, crews were potholing for utilities at three locations on Folsom Street on the south side of the road. These potholing activities were at the following locations: 1) Between Beale Street and Main Street, 2) Main Street, and 3) between Main Street and Spear Street.
5. No work occurred Friday through Sunday.

Environmental Compliance:

1. An Archaeological Monitor was on site Monday through Thursday during pavement removal and potholing on Folsom Street.
2. PG&E's Environmental Inspector conducted monitoring of the work area and activities on Monday through Thursday, including SWPPP inspections.
3. PG&E's Environmental Inspectors noted no non-compliance activities at this location.
4. The CPUC EM noted that the site was neat and clean, SWPPP measures were in place, and traffic controls were established. Observed work activities were in compliance with the MMs, APMs, and other permit requirements

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 Friday at the yard.
2. HDD Company moved HDD equipment and materials to the Amador Yard from HDD North on Monday and Tuesday.
3. HDD Company moved HDD equipment and materials from the Amador Yard to HDD South on Wednesday.
4. Tailboard meetings occurred at the yard Monday through Friday.
5. Damaged secondary containment units were replaced on Wednesday.
6. The CPUC EM did not conduct a site visit of the Amador Yard during the subject week.
7. No work occurred Saturday or Sunday.

Environmental Compliance:

1. PG&E’s Environmental Inspector conducted monitoring of the work area and activities throughout the week, including SWPPP inspections.
2. PG&E’s Environmental Inspectors noted no non-compliance activities at this location.

Notices to Proceed

Table 1 summarizes the Notices to Proceed (NTP) for the Embarcadero-Potrero Project.

Table 1
Notice to Proceeds (NTPs)
(Updated 10/28/14)

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 10/28/14)

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 – Demolition of foundations at Potrero Switchyard. View south, October 21, 2014.



Figure 2 – Underground "condensate" tank uncovered at the Potrero Switchyard. View south, October 21, 2014.



Figure 3 – HDD equipment being staged at 23rd Street. View east, October 21, 2014.



Figure 4 – Potholing for the underground duct bank on Folsom Street. View northwest, October 21, 2014.