



235 Montgomery Street, Suite 935, San Francisco, CA 94104-3002
Tel. 415-955-4775, Fax 415-955-4776, www.aspeneg.com

**PROJECT MEMORANDUM
DELTA DPA CAPACITY INCREASE SUBSTATION PROJECT**

To: Junaid Rahman, CPUC
From: Vida Strong, Aspen Project Manager
Date: March 20, 2008
Subject: Weekly Report #21: March 9, 2008 – March 15, 2008

CPUC ENVIRONMENTAL MONITOR (EM): Jody Fessler

CPUC EM Jody Fessler was on site Wednesday, March 12th.

SUBSTATION SITE:

Summary of Activity:

On Monday, drilling and pouring of foundation piers continued at the substation site. A washout area was designated for concrete trucks. PG&E electricians spread gravel in an area on the west side of the site to stage their office trailers. On Tuesday, crews continued construction of foundations. A live deer mouse was found by construction workers near a foundation hole. The crews informed the PG&E Environmental Inspector (EI) and she removed the mouse from the project site and relocated it to the outside of the wildlife exclusion fence into the adjacent field. On the hillside, on the south side of the substation site, sediment from the field that had built up in one area on the outside of the wildlife exclusion fence and fiber rolls was removed. On Wednesday, additional pull boxes and three electrician office trailers were mobilized onto the substation site (see Figures 1 and 2). Crews continued to construct foundation piers (see Figure 3). Another live deer mouse was captured at the substation site and relocated outside the wildlife exclusion fence into the adjacent field (see Figure 4). On Thursday, crews continued to construct foundation forms, drill piers, and pour concrete. The PG&E electrician crew set up their office trailers and wired power to the trailers. On Friday, crews continued to construct foundations for piers, switches and transformers. Concrete was poured throughout the day and forms were stripped off the cured concrete foundations. The PG&E electrician crew dug trenches and started placing conduit for the pull boxes. Wildlife escape ramps were installed at the end of the day in the trenches. On Saturday, crews re-compacted soil around concrete piers and placed forms over the pier holes. Crews also worked on excavating the transformer foundations, placing pieces of conduit from the pull boxes, as well as trenching to other locations on the substation pad. A deer mouse was found at the bottom of an 8-foot-deep pier hole. The PG&E EI rescued the mouse with a dip net and relocated it outside the wildlife exclusion fence.

ACCESS ROAD:

Summary of Activity:

PG&E is drawing up plans to fix the erosion problem that occurred at Wetland #4 on the south side of the access road where an 18-inch culvert was installed under the road. Also, PG&E's environmental consultants are in the process of consulting with CDFG regarding the erosion problem. Plastic sheeting has been laid over the erosion area prior to potential rain events.



STAGING AREAS:**Summary of Activity:**

The staging yard/laydown yard on the north side of Sand Creek has been cleaned up and all materials removed from the area. Rolled wattles, silt fencing and wildlife exclusion fencing are still installed around the staging yard.

BRIDGE OVER SAND CREEK:**Summary of Activity:**

No work has been done on the bridge over Sand Creek. It is complete except for guard rails, which still need to be installed. The CPUC EM noted at the time of the site visit that erosion controls were in place around the creek area and grass is growing in the area that was previously seeded.

Environmental Compliance:

The CPUC EM observed that all work activities were in compliance with the approved Mitigated Negative Declaration and other permit requirements. Escape ramps were placed in excavations to allow wildlife to escape and plywood was placed over completed excavations to prevent wildlife from entering. Erosion controls were in place at all of the work areas. Straw bales and wattles were in place under the bridge for additional erosion control. Heavy equipment was parked overnight in a designated area within the substation boundaries. The refueling trailer within the substation site was contained in a visquene-lined straw bale area. Watering of the work area and access road for dust control has been conducted several times daily or as needed. The CPUC EM reviewed PG&E EI daily reports and survey reports. Environmental training of crew personnel was on-going as new crew personnel came onto the site.

On Tuesday, the wildlife exclusion fencing was repaired in areas where the stakes were leaning over some.

A red-tailed hawk nesting site is located in the eucalyptus trees approximately 500 feet from the access road and bridge over Sand Creek. Red-tailed hawks have nested in this location in previous years. The PG&E EIs will monitor the nest throughout the project to make sure the hawks are not disturbed by project activities.

NOTICES TO PROCEED (NTP):

On August 30, 2007, NTP #1 was issued by the CPUC for the PG&E Delta DPA Project. On August 29, 2007, PG&E requested authorization from the CPUC to commence with the civil/structural construction of the PG&E Delta DPA Capacity Increase Substation Project. The Project includes a proposed electric substation site, a new loop segment of an existing 230 kV transmission line, a temporary asphalt road, and a temporary bridge over Sand Creek in eastern Contra Costa County, within the limits of the City of Antioch, California. PG&E requested that NTP #1 include all construction activities related to the access road, bridge, substation, and transmission tower, as well as an extra staging area and a variance to Mitigation Measure CR-1. No additional NTPs are anticipated for the project.

VARIANCE REQUESTS:

No Variance Requests were submitted for review during the subject week. Table 1 presents the Variance Requests reviewed and approved by the CPUC for the PG&E Delta DPA Project to date.

TABLE 1
VARIANCE REQUESTS
(Updated 3-20-08)

Variance #	Date Requested	Date Issued	Description
#1	7-26-07	8-30-07	Request to modify Mitigation Measure CR-1, which requires a 10-foot fenced protective buffer for the site boundary of CA-CCo-682H fronting on the improved access road for the Project. Approved under NTP #1.
#2	8-29-07	8-30-07	Request for a new laydown area south of the proposed access road as it veers southwest towards Sand Creek. Approved under NTP #1.
#3	10-17-07	10-17-07	Request to encroach 5 feet into the cultural buffer zone for the movement of equipment.
#4	10-30-07	10-30-07	Request to extend Sand Creek bridge work until November 3 and road work until November 9 (installation of wildlife exclusion fencing along road) as approved by USFWS. USFWS issuing amended BO that will allow work on access road throughout the winter.

SUMMARY OF ENVIRONMENTAL COMPLIANCE:

One Project Memorandum has been issued by the CPUC EM for the project to date. On October 17, 2007, the CPUC EM issued a Project Memorandum for the encroachment of equipment into the cultural buffer zone near the northern bridge foundation on October 15th.

No Non-Compliance Reports (NCR) have been issued by the CPUC EM for the project to date.

PHOTOGRAPHS



Figure 1 – View of substation site looking north, March 12, 2008.



Figure 2 – View of substation site looking northwest, March 12, 2008.



Figure 3 – Crews working on foundation forms at the substation site, March 12, 2008.



Figure 4 – Deer mouse caught at the substation site by PG&E's EI, March 12, 2008.