



Aspen *Environmental Group*

PROJECT MEMORANDUM PG&E JEFFERSON-MARTIN 230KV TRANSMISSION PROJECT

To: Billie Blanchard, CPUC
From: Vida Strong, Aspen Project Manager
Date: April 6, 2005
Subject: Weekly Report #11: March 27, 2005 – April 2, 2005
CPUC Environmental Monitors (EM): Jody Fessler and Jenny Slaughter

CPUC EM Jody Fessler was on site March 28 through April 1 along Segments 1, 2, 3 and 5.

CPUC EM, Jenny Slaughter, was oriented to the project this week and accompanied Jody Fessler during her site visits March 28 through March 31.

CPUC Lead EM, Christopher Meyer, was on site March 28.

SEGMENT 1:

Summary of Activity:

Construction activities continued during the subject week with excavation of manholes, placement of vaults, excavation of trenches, and installation of conduit. The weather was slightly rainy on Monday, but then became sunny as the week proceeded. PG&E Environmental Inspectors (EI) were on-site to ensure compliance with the adopted EIR, Storm Water Pollution Prevention Plan (SWPPP), and other permit requirements. At least four PG&E EIs were on-site during daytime activities to inspect environmental compliance at the work sites and six to eight biological monitors were located on the west side of Cañada Road to watch for frogs and snakes and to make sure these species did not enter the work site. The following activities occurred on Segment 1 during the subject week:

1. On March 28, crews started excavating trench between Manhole #4 and Manhole #5 on Cañada Road (Figure 1 & 2). The soil from the trenching activities was transported to Ox Mountain landfill in Half Moon Bay (Class 3 facility). Crews shored the trench as they excavated. Conduit was installed in the trench as the excavation progressed, and cement slurry was poured around the conduit as it was installed. A lot of water was encountered during excavation, which slowed trenching progress. Approximately 390 linear feet of conduit was installed during the week. Crews were on-site during the night, but little work was done. A biological monitor also stayed at the site at night to observe construction, watch for animals, and in case a crew member needed to move their vehicle. On Friday, crews conducted asphalt paving of the trench and clean-up activities. All materials and traffic controls were removed from the construction area at the end of the day Friday. Biological Exclusion Fencing was also removed from this area at the end of the day Friday after vehicles and equipment had left the site.
2. On Monday, March 28, excavation of Manhole #11 and Manhole #14 on Cañada Road began (Figure 3). The soil from the manhole activities was transported to Ox Mountain landfill in Half Moon Bay (Class 3 facility). Excavation was completed on Monday and shoring was installed in the pit. The manhole vaults arrived on Tuesday morning and cement slurry was poured around and over the vault. Paving was done on Thursday and traffic controls were removed from the site on Thursday.
3. On Monday, March 28, excavation of the stub-outs at Manhole #8 on Cañada Road began. Excavation was completed on Thursday, the area was backfilled with gravel and the site paved on Friday.

4. Traffic controls (signs, cones, and lights) were set up on Cañada Road at the various sites. Traffic control flaggers were in place at either end and in the middle of the construction area along Cañada Road. A pilot vehicle is being used where there are long stretches of trench to slow traffic down as well as look out for San Francisco garter snakes. Bright lights were set up on either end of the project sites at night.
5. No construction took place in the Caltrans right-of-way (ROW) this week. Instead, rare plant surveys were conducted by PG&E biologists who will propose to CDFG where biological exclusion fencing should be installed and where it would be difficult to install.
6. Crews continue to use their staging yards at 40 Edwards Court in Burlingame and the Southern Caltrans site along the Caltrans right-of-way on Highway. 92. The CPUC observed that the sites were neat and clean.
7. Biological exclusion fencing (BEF) was upgraded along the segment throughout the week by adding rebar to the bottom of the fabric to weight it down and by adding more staples to keep the fabric tight to the ground. New BEF was installed on the West side of Cañada Road around Manhole #13 and Manhole #15 where they are working this week.
8. The CPUC EM was informed on March 30, by John Garcia of Garcia and Associates, that one of their biologists performing bird surveys picked up a potential SFGS and showed it to a biologist who informed that person that it was illegal to handle that species. The snake was placed back where it was found in the SFPUC watershed. CDFG and USFWS were notified of the incident.
9. On March 30, there were three sightings of potential San Francisco garter snakes, and on March 31, there were four sightings of potential San Francisco garter snakes.
10. On April 1, around 6:15 PM, a Western pond turtle was found dead in the road just North of Manhole #13 that had been hit by a car. Crews had not been working in that area for some time and that was to install BEF only. The incident did not seem to be construction related. Opus notified CDFG of the find.
11. On Friday, April 1, crews conducted clean-up activities along Cañada Road in preparation for the weekend.

Environmental Compliance Activities:

Bird surveys continued throughout the week along the segment from the Jefferson Substation north along Cañada Road and Skyline Boulevard to Hayne Road.

PG&E, Black & Veatch, Opus Environmental, CDFG, and USFWS continued to work together on the implementation of the Biological Exclusion Fencing to protect the San Francisco garter snake.

PG&E's Environmental Inspectors issued two non-compliances during the subject week. On March 28, water from the roadside drainage came into contact with cement slurry, changing the pH of the water downstream to 11.5. The water was contained and vacuumed up for proper disposal. On March 30, a biologist performing bird surveys handled a potential San Francisco garter snake. Another biologist informed the biologist handling the snake that it was a listed species and was not to be touched or handled. At that point, the snake was placed back where it was found.

A few oil spots were noted along the road between Manhole #4 and Manhole #5 on Cañada Road. The Opus EI was informed of the spots and crews immediately started cleaning them up using kitty litter to absorb the oil.

The CPUC EM observed that all other Segment 1 construction activities were in compliance with mitigation measures adopted in the EIR and other permit requirements. Erosion controls were in place around the construction areas.

SEGMENT 2, UNDERGROUND & OVERHEAD

Summary of Activity

A Notice to Proceed (NTP) was issued for the Segment 2 underground portion, not including SFPUC lands, on March 8. However, no NTP has been issued for the overhead component of Segment 2.

The CPUC EM conducted a site visit of the underground section a couple of times during the week. No work was observed along Segment 2.

Environmental Compliance Activities:

Bird surveys continued throughout the week from Hayne Road north along Skyline Boulevard to Trousdale Drive for the underground segment, and from Trousdale Drive north along San Andreas Lake west and parallel to Highway 280 and Skyline Boulevard to Glenview Drive for the overhead segment.

PG&E continues to work with CDFG regarding woodrat removal activities that previously occurred along the overhead portion of Segment 2 without CDFG concurrence. PG&E is also consulting with USFWS and CDFG regarding biological resources along the entire overhead segment.

SEGMENT 5:

Summary of Activity:

Construction activities continued during the subject week with excavation of a manhole, placement of a vault, excavation of trenches, installation of conduit, and stub-out work on either side of a manhole vault. There was a PG&E EI on-site to ensure compliance with mitigation measures adopted in the EIR, Storm Water Pollution Prevention Plan (SWPPP), and other permit requirements. The following activities occurred on Segment 5 during the subject week:

1. On March 28, the excavation of Manhole #66 began on Guadalupe Canyon Parkway (Figure 4). The soil from the manhole activity was transported to Ox Mountain landfill in Half Moon Bay (Class 3 facility). There were some cave-in issues, but vault pit was completed on Monday and shoring was set that afternoon. The vault arrived and was set in the pit by a large crane on Wednesday. Slurry was then poured over the manhole vault, manhole rings were set, and the site was paved over on Saturday.
2. Excavation of trench occurred between Manhole #66 to Manhole #67 and east of Manhole #69 for the installation of conduit (Figure 5). The soil from the trenching activities was transported to Ox Mountain landfill in Half Moon Bay (Class 3 facility). Approximately 900 linear feet of conduit was installed throughout the week, cement slurry poured, and final paving done on Saturday.
3. Crews worked on the stub-outs at Manhole #71 throughout the week. Conduit was installed on either side of the manhole, cement slurry poured, and the areas paved over on Saturday.
4. Traffic controls (signs, cones, and lights) were set up on Guadalupe Canyon Parkway from Manhole #66 to Manhole #71. Traffic control flaggers were in place at the active construction areas. Traffic cones were left in place blocking off the southern lane. Bright lights were set up on either end of the project at night. A small night crew stayed on-site at night and did some light work.
5. On Friday, April 1, crews conducted clean-up activities along Guadalupe Canyon Parkway in preparation for the weekend.

Environmental Compliance Activities:

Bird surveys continued throughout the week along the segment from approximately Orange Court east along Guadalupe Parkway and Bayshore Boulevard to the Martin Substation.

On Monday, March 28, the CPUC EM noted several oil spots on the road in the construction areas where end-loaders had been parked. There were also no buckets under the sinks of the porta-potties. The PG&E EI was informed of these things and they were remedied the following day.

The CPUC EM observed that other Segment 5 construction activities were in compliance with mitigation measures adopted in the EIR and other permit requirements. Erosion controls were in place around the construction areas.

NOTICES TO PROCEED (NTP):

Table 1 presents the NTPs issued by the CPUC for the Jefferson-Martin Project to date.

**TABLE 1
NOTICES TO PROCEED
(Updated 4-06-05)**

NTP #	Date Issued	Description
#1	1-10-05	Segment 1, underground only Segment 5, unincorporated San Mateo County only
#2	3-08-05	Segment 2, underground only, not including SFPUC lands
#3	3-11-05	Segment 5, incorporated
#4	3-11-05	Segment 3
#5	3-30-05	Segment 4

ENVIRONMENTAL COMPLIANCE:

One Non-Compliance Report (NCR) and three Project Memorandums (PMs) have been issued for the project to date (see Table 2).

**TABLE 2
ENVIRONMENTAL COMPLIANCE STATUS
(Updated 4-06-05)**

Project Memo or NCR	Date Issued	Description	Follow-up Activities
NCR (Level 3)	2-01-05	Segment 2 – Dismantling and removal of woodrat nests along the overhead route without consulting with CDFG.	PG&E consulting with CDFG on how to proceed.
PM	2-09-05	Segment 1 - Breach of trenching activities into vegetated drainage on east side of Cañada Road between MH #7 and MH #8.	PG&E consulting with CDFG and USFWS on how to proceed.
PM	2-16-05	Segment 5 – Dewatering of Manhole #67 vault pit without consulting with RWQCB on handling of water	PG&E consulting with RWQCB on how to proceed with storm water and groundwater.
PM	3-04-05	Segment 1 – Hummingbird nest found near Manhole #5 on Monday, Feb. 28, and not reported to CPUC or CDFG until Thursday, March 3.	PG&E discussing better communication between PG&E and subcontractors.

VARIANCE REQUESTS:

No Variance Requests were submitted during the subject week.

TABLE 3
VARIANCE REQUEST STATUS
(Updated 4-06-05)

Variance Request #	Date Submitted	Description	Status	CPUC Approval Date
1	1-14-05	40 Edwards Court, Burlingame – Paved parking lot that is fenced to be used as a staging yard.	Approved	1-18-05
2	2-04-05	Staging yard, Airport Boulevard & North Access Road., South San Francisco.	Approved	2-09-05
3	2-22-05	Change compliance timing for Mitigation Measure U-1c, corrosion, from pre-construction to during construction.	Approved	3-04-05

UPCOMING ITEMS:

PG&E holds weekly meetings to review issues and upcoming events for Segment 1 on Friday (12:00 p.m., San Mateo BV office) and Tuesday (8:00 a.m., Hayward BV office); and a weekly meeting for Segment 2 on Tuesday (10:00 a.m., Hayward BV office); and a weekly meeting for Segment 5 on Monday (3:00 p.m., South SF Mueller/InfraSource Staging Yard) and Tuesdays (9:00 a.m., Hayward BV office).

AGENCY PERSONNEL CONTACTS:

The CPUC EM Jody Fessler spoke with Mary Hammer of USFWS and Dave Johnston of CDFG on March 31 to discuss the incident where a biologist performing bird surveys handled a potential San Francisco garter snake.

PG&E's Environmental Inspectors notified USFWS and CDFG throughout the week of any San Francisco garter snake sightings as well as the Western pond turtle that was found dead on Cañada Road.

Photographs



Figure 1 – Stub-out areas at Manhole #4 on Cañada Road, Segment 1, March 29, 2005.



Figure 2 – Water in trench south of Manhole #5 on Cañada Road, Segment 1, March 29, 2005.



Figure 3 – Crews getting ready to pour more cement slurry at Manhole #11 on Cañada Road, Segment 1, March 30, 2005.



Figure 4 – Manhole #66 vault pit having cave-in issues on Guadalupe Canyon Parkway, Segment 5, March 28, 2005.



Figure 5 – Trench excavated east of Manhole #66 on Guadalupe Canyon Parkway, Segment 5, March 30, 2005.