



# Aspen Environmental Group

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

**To:** Billie Blanchard, CPUC  
**From:** Vida Strong, Aspen Project Manager  
**Date:** November 3, 2005  
**Subject:** Monthly Report #3: October 1, 2005 – October 31, 2005  
**CPUC Environmental Monitor (EM):** Jody Fessler

CPUC EM Jody Fessler was on site throughout the month of October along Segments 1, 2, 3, 4, and 5, and the Jefferson and Martin Substations.

### SEGMENT 1

Table 1A presents the construction activities along Segment 1 during October. Along Cañada Road and Skyline Boulevard, the daytime shift worked Monday through Friday conducting cable pulling and splicing. One PG&E EI/Biological Monitor was on-site for every two manholes during cable pulling and splicing work. The snake guards for the manhole openings have been improved and were approved by CDFG. Traffic controls were placed around the manholes including flaggers, signs, and cones.

Cable pulling was conducted at Highway 92 during the day, until October 19<sup>th</sup> when cable pulling crews were shut down by Caltrans and the Highway Patrol since their activities were causing traffic delays. Per the respective permits, crews can work between 9:00 am and 3:00 pm if no traffic delays occur. Cable pulling did not resume during the month.

Crews conducted construction activities during the day in relation to their punch-list items at various locations along the segment the first, third and fourth weeks of October. During the second week of October, this work was done at night. A PG&E EI/Biological Monitor was stationed with each work crew.

Stubout and trenching activities from Manhole #1 south into the Jefferson Substation started the third week of October (Figure 1).

Crews demobilized from their Caltrans Staging Yard on Hwy 92/Hwy 35 and are no longer using that yard. Crews are still using the Staging Yard at 50 Edwards Court in Burlingame to store equipment and materials.

**Table 1A – Segment 1 Construction Activities during October 2005**

Week	Manhole Installation	Conduit Installation (linear feet)	Stubout Installation	Proofing Conduit	Manhole Prep/Cable Pulling	Splicing Cable	Final Punch-list Work
Oct 2–8	NA	NA	NA	NA	Manholes #4–#8, #16–#17	Manholes #8, #13, #14	Yes. During the day.
Oct 9–15	NA	215	NA	NA	Manholes #1–#5, #18–#20	Manholes #5–#8, #13, #14	Yes. Sun–Thur during the night.
Oct 16–22	NA	25	Manhole #1 south side	Manholes #25–#27	Manholes #4, #15–#17	Manholes #4–#8	Yes. During the day.
Oct 23–29	NA	30	Manhole #1 south side	NA	Manholes #4, #7, #17–#19	Manholes #2–#5, #16, #17	Yes. During the day. Completed 10-24-05

NA – No Activity

## Environmental Compliance Activities:

On October 5<sup>th</sup>, a San Francisco dusky-footed woodrat was found dead in Manhole #17. It was a young woodrat that was small enough to get through one of the two holes in the manhole cover. An unidentified garter snake was also found dead on Highway 92. The garter snake appeared to have been dead for a long period of time. The snake was collected by Dr. Sam McGinnis to determine whether it might be a San Francisco garter snake.

On October 7<sup>th</sup>, 9<sup>th</sup>, 11<sup>th</sup>, and 13<sup>th</sup>, the California red-legged frog that has been observed previously was seen in its normal location.

Since it is not the nesting season, bird surveys are not being conducted at this time.

On Tuesday, October 25<sup>th</sup>, a fire was started in an adjacent grassland from a spark generated by grinding the welding off of steel plates on the west side of Cañada Road at Manhole #1. The fire was put out by the crew and monitors. Approximately 0.25 acres of grasses and ruderal species were burned in the island between Cañada Road and Highway 280. This area has been considered non-sensitive habitat by the resource agencies due to its isolation from the SFPUC Watershed because of Highway 280.

On October 31<sup>st</sup>, there was a car accident near Manhole #19 on Skyline Boulevard/Highway 35. A large truck was heading southbound along the curvy road too fast, came to the traffic controlled area, could not stop in time, and crashed into a car waiting at the traffic control stop. A County Sheriff officer came out to the site and determined that the proper signage warning of a construction zone ahead was in place and that the truck was just going too fast.

Table 1B presents a summary of the non-compliance activities along Segment 1 during October.

**Table 1B – Segment 1 Non-Compliance Activities during October 2005**

Date	PG&E/Opus		CPUC/Aspen		Description
	Concern	Non-Compl	PM	NCR	
Oct 3		X			Working without notifying PG&E EI.
Oct 11	X				Construction vehicle speeding through construction zone and detached trailer into roadside vegetation.

PM – Project Memorandum

NCR – Non-Compliance Report

The CPUC EM observed that 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

Table 2A presents the underground construction activities along Segment 2 during October. Underground crews worked Monday through Friday during the day on Skyline Boulevard and Hayne Road/Golf Course Drive conducting activities associated with punch-list work. A PG&E EI was on-site during construction activities to inspect environmental compliance at the work sites. Traffic controls were in place at the construction sites including flaggers, signs, and cones.

Within the SFPUC Watershed, crews conducted trenching activities from Manhole #38 to Pole #70A the last week of October. A PG&E EI/Biological Monitor was on-site during all construction activities to inspect environmental compliance at the work site.

Crews de-mobilized from their northern Caltrans Staging Yard at the corner of Skyline Boulevard and Hayne Road/Golf Course Drive and are no longer using that yard. Crews are still using the Staging Yard at 60 Edwards Court in Burlingame to store equipment and materials.

**Table 2A – Segment 2-Underground Construction Activities during October 2005**

<b>Week</b>	<b>Manhole Installation</b>	<b>Conduit Installation (Linear Feet)</b>	<b>Stubout Installation</b>	<b>Proofing Conduit</b>	<b>Manhole Prep/Cable Pulling</b>	<b>Splicing Cable</b>	<b>Final Punch-list Work</b>
Oct 2–8	NA	NA	NA	NA	NA	NA	Yes
Oct 9–15	NA	NA	NA	NA	NA	NA	Yes
Oct 16–22	NA	NA	NA	Manholes #29–#30	Manhole #28	NA	Yes
Oct 23–29	NA	Between Manhole #38 and Pole #70A	Manholes #27 & #31	NA	Manholes #34 & #35	NA	Yes

NA – No Activity

**Environmental Compliance Activities:**

Since it is not the nesting season, bird surveys are not being conducted at this time.

The underground work area in the SFPUC Watershed will be surveyed after potential germination to ensure that star thistle was not introduced into the area.

No concerns or non-compliances were issued by PG&E’s Environmental Inspectors along Segment 2 Underground during October.

The CPUC EM observed that Segment 2 Underground 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 – OVERHEAD**

Table 3A presents the overhead construction activities along Segment 2 Overhead in the SFPUC Watershed during October. The road, fence, gas locators, and tree clearing crews worked Monday through Friday of each week. The drilling crews started working on foundations the third week of October and worked Monday through Thursday (Figure 2).

**Table 3A – Segment 2 – Overhead Construction Activities during October 2005**

Week	Gas Line Located at Structure	Gas Line Blister Installed	Snake Burrow Clearing	Tree Clearing	Biological Exclusion Fence Installation	Access Road Installation	Structure Pad Installed	Foundation Installed
Oct 2–8	Throughout the segment	Areas between Poles #70–#72	Around Pole #83	Between Poles #70–#76, #80–#83	Staging Yard	Between Poles #71–#72	NA	NA
Oct 9–15	Throughout the segment	Areas between Poles #71–#72, & #73	Pole #82, Completed at Pole #83	Between Poles #73–#78, #82, #83, #84	NA	Between Poles #71–#72, & to #73	Pole #73	NA
Oct 16–22	Throughout the segment	Pole #76 area	Poles #82A, #78, and access road to #80	Poles #74, #77–#79 and access road to #80	Around the two ponds and wetland	To Poles #73 & #77	NA	Poles #70A, #72, #73
Oct 23–29	Completed on Oct 27 <sup>th</sup> for the segment	Areas near Poles #79, #80, #82A, #86	Poles #80, #82A, #83	Poles #80–#82A, #84–#86 and access road to #79–#81	Complete	Poles #79, #80, #82A, #86, and started on #89–#93	Poles #79, #86–#88	Poles #74, #76, #77, #78

NA – No Activity

**Environmental Compliance Activities:**

On October 13<sup>th</sup>, a San Francisco garter snake was discovered during burrow excavation south of the wetland near Pole #82A. The snake was captured by Steve Powell (USFWS – authorized biologist) and was held by Dr. Sam McGinnis until the wildlife exclusion fence around the wetland was completed. It was returned to the enclosed wetland on October 19<sup>th</sup>. All appropriate agencies were notified of the discovery by PG&E.

On October 18<sup>th</sup>, two San Francisco dusky-footed woodrat nests were observed and avoided near Pole #79. On October 19<sup>th</sup>, a permitted biologist disassembled two woodrat nests near Poles #74 and #78. A woodrat was also seen in the right-of-way near Pole #79, after which it retreated to a nest outside of the right-of-way.

During the third week of October, speed limit signs were installed along the segment and additional signs designating approved access roads, unapproved access roads, sensitive resource areas, and no parking areas were ordered and will be installed in the next couple of weeks.

Since it is not the nesting season, bird surveys are not being conducted at this time.

Table 3B presents a summary of the non-compliance activities along Segment 2 Overhead during October.

**Table 3B – Segment 2 - Overhead Non-Compliance Activities during October 2005**

Date	PG&E/Opus		CPUC/Aspen		Description
	Concern	Non-Compliance	PM	NCR	
Oct 12	X				Vehicle off paved road without a Biological Monitor escort.
Oct 18	X				Foundation crew worked half hour beyond the timeframe specified in the BO.

PM – Project Memorandum

NCR – Non-Compliance Report

The CPUC EM observed that 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 3**

Table 4A presents the underground construction activities along Segment 3 during October. Crews worked Monday through Friday during the day on Glenview Drive, San Bruno Avenue, and Huntington Drive conducting trenching operations. During the 3<sup>rd</sup> week of October, the void under Huntington was filled with a slurry mix. Trenching occurred on either side of the void while the slurry set up. On October 23, a night crew started working on San Bruno Avenue where Highway 280 crossing over the right-of-way. A PG&E EI was on-site during construction activities to inspect environmental compliance at the work sites. Traffic controls were in place at the construction sites including flaggers, signs, and cones.

During the third week of October, crews moved into their approved new staging yard at the northeast corner of San Bruno Avenue and Skyline Boulevard (Figure 3). Crews continue to use their staging yard under Highway 380 just east of Huntington Avenue.

**Table 4A – Segment 3 Construction Activities during October 2005**

<b>Week</b>	<b>Manhole Installation</b>	<b>Conduit Installation (Linear Feet)</b>	<b>Stubout Installation</b>	<b>Proofing Conduit</b>	<b>Manhole Prep/Cable Pulling</b>	<b>Splicing Cable</b>
Oct 2–8	NA	1,200	Manhole #39	NA	NA	NA
Oct 9–15	NA	650	Manhole #39	NA	NA	NA
Oct 16–22	NA	360	NA	NA	Manhole #39	NA
Oct 23–29	NA	210	NA	NA	NA	NA

NA – No Activity

**Environmental Compliance Activities:**

Since it is not the nesting season, no bird surveys are being conducted at this time.

No concerns or non-compliances were issued by PG&E’s Environmental Inspectors along Segment 3 during October.

The CPUC EM observed that Segment 3 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 4**

Table 5A presents the underground construction activities along Segment 4 during October. Crews worked Monday through Friday during the day conducting trenching operations along the BART right-of-way. B&V Inspectors collected air and soil quality measurements during excavation activities in the BART right-of-way north of S. Spruce Street and no contaminants were detected. The Colma Creek and 12 Mile Creek bore crossing tie-ins were worked on throughout the month (Figure 4). The Chestnut Street crossing was completed this month during the night. Restoration work took place in the median along Lawndale Drive where trenching is completed. Along Hillside Drive, crews conducted trenching activities on Monday through Thursday during the day throughout the month. A PG&E EI was on-site during construction activities to inspect environmental compliance at the work sites. Traffic controls were in place at the construction sites including flaggers, signs, and cones.

**Table 5A – Segment 4 Construction Activities during October 2005**

Week	Manhole Installation	Conduit Installation (Linear Feet)	Stubout Installation	Proofing Conduit	Manhole Prep/Cable Pulling	Splicing Cable
Oct 2–8	NA	1,600	NA	NA	NA	NA
Oct 9–15	Manhole #62	1,175	Manhole #52	NA	NA	NA
Oct 16–22	NA	994	Manhole #62	NA	NA	NA
Oct 23–29	NA	460	Manhole #62	Manholes #49–#50	NA	NA

NA – No Activity

**Environmental Compliance Activities:**

Since it is not the nesting season, no bird surveys are being conducted at this time.

Table 5B presents a summary of the non-compliance activities along Segment 4 during October.

**Table 5B – Segment 4 Non-Compliance Activities during October 2005**

Date	PG&E/Opus		CPUC/Aspen		Description
	Concern	Non-Compliance	PM	NCR	
Oct 19	X				Inadequate clean-up on the roadway in several locations on Hillside Avenue.
Oct 20	X				Inadequate clean-up on the roadway in several locations on Hillside Avenue.
Oct 27		X			Inadequate clean-up on the roadway in several locations on Hillside Avenue.
Oct 27			X		Inadequate clean-up on the roadway in several locations on Hillside Avenue.

PM – Project Memorandum

NCR – Non-Compliance Report

The CPUC EM observed that other 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 5**

Table 6A presents the underground construction activities along Segment 5 during October. Crews worked Monday through Friday during the day conducting trenching operations on the east side of San Bruno Mountain on Guadalupe Canyon Parkway. No work was done on Bayshore Boulevard this month. Construction in Daly City began again the second week of October and was being conducted along Hillside Drive (Figure 5). A PG&E EI was on-site during construction activities to inspect environmental compliance at the work sites. Traffic controls were in place at the construction sites including flaggers, signs, cones, and k-rail.

Construction crews continue to use their staging yard at the corner of North Access Road and South Airport Boulevard for the storage of equipment, materials, and two trailers that they are using for office space.

**Table 6A – Segment 5 Construction Activities during October 2005**

<b>Week</b>	<b>Manhole Installation</b>	<b>Conduit Installation (Linear Feet)</b>	<b>Stubout Installation</b>	<b>Proofing Conduit</b>	<b>Manhole Prep/Cable Pulling</b>	<b>Splicing Cable</b>
Oct 2–8	NA	50	NA	NA	Manholes #69–#70	Manholes #70–#72
Oct 9–15	Manhole #75	705	NA	NA	NA	Manholes #71 & #72
Oct 16–22	NA	800	Manholes #63 & #75	NA	NA	Manhole #72
Sept 25–Oct 1	NA	720	Manhole #63	NA	NA	NA

NA – No Activity

**Environmental Compliance Activities:**

Since it is not the nesting season, bird surveys are not being conducted at this time.

On October 26<sup>th</sup>, a non-project-related car flipped over the Guadalupe Canyon Parkway median and landed in the project work zone. No one was injured. A Brisbane police car was deployed to the site to prepare a report. Oil that had leaked from the car was cleaned-up after the vehicle was removed from the site. No environmental damage resulted.

One concern was issued by PG&E’s EIs on October 6<sup>th</sup> for sediment on the roadway along Guadalupe Canyon Parkway. No non-compliances were issued by PG&E EIs during the subject month for Segment 5.

The CPUC EM observed that 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.

**JEFFERSON SUBSTATION**

During the month of October, crews continued to work on the new expansion pad, grading the area and installing foundations (Figure 6). A new retaining wall around the expansion area was also constructed. The water tank in the expansion area was dismantled and removed. On October 17<sup>th</sup>, tree clearing was conducted for the trench alignment going into the Jefferson Substation from Manhole #1 (Figure 7). On October 20<sup>th</sup>, a temporary culvert was installed parallel to Cañada Road on the east side to allow vehicles and equipment to access the trench alignment into the Jefferson Substation. On October 25<sup>th</sup>, the cleared brush and trees were chipped and removed from the area. Biological exclusion fencing was installed on October 26<sup>th</sup> along the trench alignment into the Jefferson Substation. A full-time Biological Monitor was present during the work within the expansion area and several Biological Monitors were present during the tree clearing work. In addition, a PG&E EI visited the site periodically to ensure compliance with project requirements. Work within the existing substation fence included foundation construction activities.

**Environmental Compliance Activities:**

On October 10<sup>th</sup>, a San Francisco dusky-footed woodrat was discovered within the Jefferson Substation when a brush pile was removed for chipping. The Woodrat fled for cover.

In the early morning of October 17<sup>th</sup>, a permitted biologist removed five woodrat nests from the trench alignment where tree clearing was to take place later in the morning.

On October 25<sup>th</sup>, three San Francisco dusky-footed woodrats were seen outside of the Jefferson Substation during brush removal. On October 26<sup>th</sup>, three San Francisco dusky-footed woodrats were seen during the installation of the exclusion fencing for the trench alignment into the Jefferson Substation. The woodrats escaped unharmed.

No concerns or non-compliances were issued by PG&E’s Environmental Inspectors for the Jefferson Substation during October.

The CPUC EM observed that Jefferson Substation 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.

**MARTIN SUBSTATION**

During the month of October, work at the Martin Substation included pad, foundation footings, grounding cable, and new structure work for the future substation components.

**Environmental Compliance Activities:**

No concerns or non-compliances were issued by PG&E’s Environmental Inspectors for Martin Substation during October.

The CPUC EM observed that all Martin Substation 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 6 presents the NTPs issued by the CPUC for the Jefferson-Martin Project as of the end of October. With the exception of an NTP for the permanent Crystal Springs Dam crossing, no additional NTPs are anticipated.

**TABLE 6**  
**NOTICES TO PROCEED**  
(Updated 10-31-05)

<b>NTP #</b>	<b>Date Issued</b>	<b>Description</b>
#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
#6	8-03-05	Segment 2 Underground in the SFPUC Watershed
#7	8-10-05	Martin Substation
#8	8-26-05	Segment 2 Overhead
#9	9-01-05	Jefferson Substation expansion area and construction of the temporary Lower Crystal Springs Overhead Dam Crossing

**ENVIRONMENTAL COMPLIANCE:**

Three Non-Compliance Reports (NCR) and eight Project Memorandums (PMs) have been issued by the CPUC EMs for the project as of the end of October (see Table 7).

**TABLE 7**  
**ENVIRONMENTAL COMPLIANCE STATUS**  
(Updated 10-31-05)

<b>Project Memo or NCR</b>	<b>Date Issued</b>	<b>Description</b>	<b>Follow-Up Activities</b>
NCR (Level 3)	2-01-05	Segment 2 Overhead – 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 <sup>th</sup> , and not reported to CPUC or CDFG until Thursday, March 3 <sup>rd</sup> .	PG&E discussing better communication between PG&E and sub-contractors.
PM	5-27-05	Segment 2 Underground – Construction went past the City of Burlingame’s Encroachment Permit on May 25 <sup>th</sup> , and May 26 <sup>th</sup> .	PG&E response submitted 6-14-05.
PM	5-27-05	Segment 2 Underground – Several traffic control violations were observed. A traffic control flagger left his post several times which endangered the public.	PG&E response submitted 6-14-05.
PM	6-01-05	Segment 1 – End dump parked on vegetation in the Caltrans right-of-way disturbing vegetation	PG&E response submitted 6-15-05.
PM	6-20-05	Segment 1 – Construction vehicle parked on vegetation near the Caltrans yard	PG&E response received 6-22-05
NCR	7-13-05	Segment 1 – Construction vehicle parked on vegetation at Station # 287+00 on the night of July 11 <sup>th</sup> .	PG&E reviewing NCR
NCR	7-22-05	Segment 1 – Cable Pulling truck and trailer rolled off the road onto vegetation at Manhole #3 on July 18 <sup>th</sup> .	PG&E reviewing NCR
PM	10-27-05	Segment 4 - Inadequate clean-up on the roadway in several locations on Hillside Avenue.	PG&E reviewing PM

**VARIANCE REQUESTS:**

Table 8 represents the Variance Requests submitted and approved to date for the project. One Variance Request was submitted during the month of October.

**TABLE 8**  
**VARIANCE REQUEST STATUS**  
(Updated 10-31-05)

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
4	4-28-05	Staging yard, Herman Street and Forest Lane, City of San Bruno	Approved	5-03-05
5	5-12-05	Jefferson Substation Expansion Area – Cap well, empty water out of tank into truck, and remove tank from property	Approved	5-20-05
6	5-24-05	Staging yard for Segment 4 construction, intersection of Antoinette Lane and Mission Road, City of South San Francisco.	Approved	5-26-05
6 Modification	6-22-05	Additional staging yard for Segment 4, next to yard approved in Variance #6.	Approved	6-28-05
7	06-06-05	Intrusion into vegetated areas at several locations along Segment 1.	Approved	6-13-05
8	7-14-05	Modification of the trench depth along a 400-foot section of trench north of S. Spruce Avenue (Segment 4).	Approved	7-19-05
9	7-15-05	Staging Yard for Segment 4 off of Hillside Drive in the City of Colma.	Approved	8-17-05
10	7-22-05	Expansion of Jefferson Substation	Approved	8-31-05
11	8-04-05	Intrusion into vegetated shoulder at 7 locations along Segment 1.	Approved	8-18-05
12	8-18-05	Additional workspace along road in Segment 2 underground in the SFPUC Watershed.	Approved	8-22-05
13	10-06-05	Staging Yard for Segment 3 at north-east corner of Skyline Boulevard and San Bruno Avenue in the City of San Bruno.	Approved	10-06-05

**UPCOMING ITEMS:**

PG&E holds the following weekly meetings to review issues and upcoming events:

- Segment 1 on Friday (8:00 a.m., San Mateo B&V office) and Tuesday (8:00 a.m., Hayward B&V office);
- Segment 2 Underground on Friday (10:00 a.m., San Bruno B&V office) and Tuesday (9:00 a.m., Hayward B&V office);
- Segment 2 Overhead on Tuesday (10:30 a.m., Hayward B&V office);
- Segment 3 on Tuesday (10:00 a.m., Hayward B&V office);
- Segment 4 on Monday (1:00 p.m., San Bruno B&V office) and Tuesday (9:30 a.m., Hayward B&V office); and
- Segment 5 on Monday (3:00 p.m., South SF Mueller/InfraSource Staging Yard) and Tuesdays (8:30 a.m., Hayward B&V office).

**AGENCY PERSONNEL CONTACTS:**

The CPUC EM spoke with Dave Johnston of CDFG on October 18<sup>th</sup> regarding the San Francisco garter snake that was found in a burrow by biologists and held by Dr. Sam McGinnis.

The CPUC EM periodically spoke with the BART Inspectors, the City of San Bruno Inspectors, the Colma Inspector, and the City of Brisbane Inspector regarding project-related issues.

## Photographs



**Figure 1** – Crews working at Manhole #1 stubout and trench on south side, Segment 1, October 25, 2005



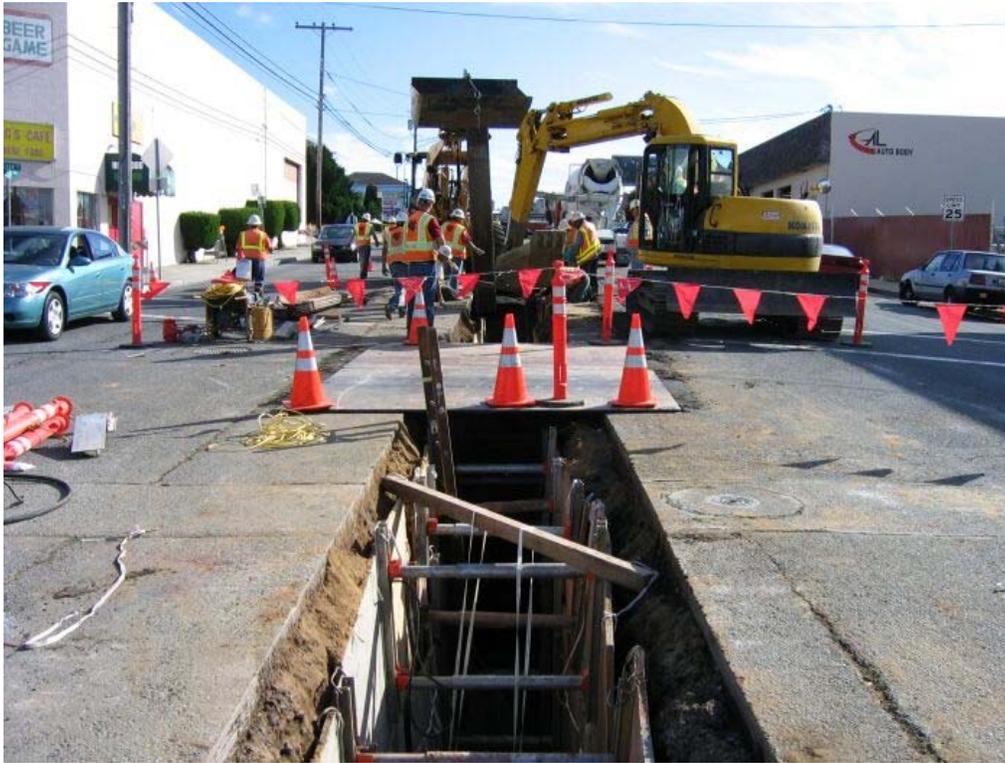
**Figure 2** – Foundation for Pole #70A in SFPUC Watershed, Segment 2 Overhead, October 17, 2005.



**Figure 3** – New staging yard prior to occupation at northeast corner of San Bruno Avenue and Skyline Boulevard, Segment 3, October 5, 2005



**Figure 4** – Colma Creek bore tie-in on north side in BART right-of-way, Segment 4, October 19, 2005.



**Figure 5** – Trenching activities on Hillside Drive in Daly City, Segment 5, October 27, 2005.



**Figure 6** – Work in the expansion pad area at the Jefferson Substation, October 25, 2005



**Figure 7** – Tree and brush clearing for the trench alignment into the Jefferson Substation from Manhole #1, October 25, 2005.