



Aspen *Environmental Group*

PROJECT MEMORANDUM PG&E ATLANTIC-DEL MAR REINFORCEMENT PROJECT

To: Jensen Uchida, CPUC
From: Vida Strong, Aspen Project Manager
Date: May 18, 2006
Subject: Weekly Report #56: May 7, 2006 – May 13, 2006
CPUC Environmental Monitor (EM): Heather Stiles

CPUC Environmental Monitor (EM) Heather Stiles toured the Atlantic-Del Mar Project location on Friday, May 12th. Due to scheduling conflicts, the PG&E Environmental Inspector (EI) Kevin Kilpatrick was not able to be on-site to meet with the CPUC EM. He monitored the site Wednesday through Friday morning of the subject week. Due to decreased levels of construction and lessened risks to sensitive resources, mitigation monitoring has been reduced to an as-needed basis. While on-site, the PG&E EI is conducting environmental trainings for all new crewmembers, as well as installation of resource flagging and managing the installation and maintenance of sediment controls.

OVERHEAD:

Summary of Activity:

All overhead construction including pole, foundation, and line stringing work is being done by PG&E. During the subject week, the overhead crew conducted miscellaneous finishing work on the overhead line at the Atlantic Substation. They also removed silt fences, straw wattles, and cleaned up remaining construction debris at the tower sites and along access roads.

Environmental Compliance Activities:

The CPUC EM observed the current overhead construction activities to be in compliance with mitigation measures adopted in the MND and other permit requirements.

The PG&E EI evaluated a potential repair site where a PG&E truck created ruts along an access road in the archery range near Tower 19 during the previous winter. The site was evaluated with the PG&E foreman and a subcontractor who was equipped to repair the site with a small bobcat and install straw bales for erosion control. The site had been stabilized in December 2005, immediately after the damage had occurred by packing the ruts with straw and installing silt fence down slope of the ruts. Upon evaluation, it was determined that the stabilization work had effectively prevented further erosion from occurring during the intense series of winter storms from December through April. The straw remains in place in the ruts (approximately one-foot wide by 30 feet long), grass had grown adjacent to the ruts, and the area appears very stable. The ruts are located a few feet off the main access road and do not present a hazard for the vehicles using the road. Additionally, with the packed straw and surrounding vegetation, the ruts do not appear to be a hazard for vehicles that travel off the main road over the rutted tracks. It was determined that additional work, such as grading the site would remove the packed straw and established vegetation, destabilize the soil, and unnecessarily expose a larger area to erosion during next winter's storms. After consultation with the CPUC EM, PG&E elected not to conduct repairs at this location.

UNDERGROUND:

Summary of Activity:

The underground work has been contracted to Wilson Construction. Wilson has subcontracted the ground construction work to Zayas Construction. The horizontal bore work was subcontracted to Cherrington. Interstate Safety has been subcontracted by Wilson to complete conduit installation.

Wilson and its subcontractors continued to finalize various cable related activities at the vaults and transition structures. The crews also continued conducting cleanup and demobilization. Zayas, the excavation subcontractor, conducted repair work at the seasonal drainage #30 (see Figure 1). An updated list of restoration activities, provided by correspondence between Bert Austin and Kevin Kilpatrick, is provided in the following section of this weekly report.

Horizontal directional drilling (HDD) operations, which commenced on November 18th, were completed in early December. The HDD contractor completed clean up at the entrance and exit sites of the bore pits and demobilized on December 14th. The area will be reclaimed and reseeded at the end of the project upon completion of the wire pull and energization of the line.

ENVIRONMENTAL COMPLIANCE SUMMARY

The CPUC EM observed the current overhead construction activities to be in compliance with mitigation measures adopted in the MND and other permit requirements.

Zayas conducted repair work at seasonal drainage #30. The operator carefully removed soil from the lower section of the bank and placed it into the eroded area. Although there was a small amount of flow within the drainage, the operator was able to complete the work avoiding the flowing water. The repaired section of bank was compacted using the bucket of the backhoe. Seed mix #2 (from the project restoration plan) was hand-broadcast over the bank and the seed was raked into the soil. The entire repair area was then covered with jute netting. Several straw bales were placed along a 4-inch deep trench along the top of the bank above the repair site (the trench was excavated to accommodate the bales). The operator packed soil along the front edge of the bales and additional seed was hand broadcasted along the top of the bank and raked into the soil.

Restoration should be conducted according to the plans described in the Atlantic–Del Mar Reinforcement Project *Upland and Wetland Mitigation, Restoration, and Revegetation Plan*. Outstanding work includes completing restoration of the following project areas:

Contractor yard

1. Restore grade, and decompact soils of disturbed ground as necessary outside of the graveled travel areas.
2. Remove all trash, construction materials, equipment, and debris.
3. Seed disturbed ground along the edges of the yard except graveled access roads.
4. Mulch all seeded areas with a weed free straw at an approximate rate of 2 tons per acre to achieve approximately a 70 percent cover, and crimp straw by use of a mechanical crimper or equivalent equipment.

Contractor yard to Sunset Avenue:

1. Remove gravel drain rock near Tower 10.
2. Remove silt fence and straw wattles (leave straw bales and a short piece of filter fabric along the straw bales adjacent to wetland #1).
3. Remove construction materials and debris.
4. Restore original grade of wetland #2.
5. Spread topsoil – keeping wetland and upland topsoil to respective locations.
6. Seed all disturbed ground, except graveled access roads.
7. Mulch all seeded areas with a weed free straw at an approximate rate of 2 tons per acre to achieve approximately a 70 percent cover, and crimp straw by use of a mechanical crimper or equivalent equipment.

Sunset Avenue to Farron Street:

1. Decompact soils (with a mechanical soil disc harrow or a bulldozer type ripper as necessary).
2. Seed all disturbed ground.
3. Mulch all seeded areas with a weed free straw at an approximate rate of 2 tons per acre to achieve approximately a 70 percent cover, and crimp straw by use of a mechanical crimper or equivalent equipment.

Midas Avenue / Transition Tower 9:

1. Remove rock, timber mats and other construction materials.
2. Decompact soils (with a mechanical soil disc harrow or a bulldozer type ripper as necessary).
3. Spread topsoil.
4. Seed all disturbed ground.
5. Mulch all seeded areas with a weed free straw at an approximate rate of 2 tons per acre to achieve approximately a 70 percent cover, and crimp straw by use of a mechanical crimper or equivalent equipment.

Far Western has been conducting cultural monitoring on the project. All of the excavation work has been completed. As such, a cultural monitor no longer needs to be present. PG&E understands that a cultural monitor will be required if any additional ground disturbance occurs in these culturally sensitive areas. The workers have been trained to notify the PG&E EI and follow proper procedure if any potentially cultural material is discovered during work anywhere on the project.

As presented in Table 1, one NCR and two Project Memoranda have been issued for the project to date.

TABLE 1
ENVIRONMENTAL COMPLIANCE STATUS
(Updated 5-18-06)

Project Memo or NCR	Date Issued	Description	Follow-Up Activities
NCR (Level 2)	6-23-05	PG&E contractors removed 22 large trees without notifying the project EI and without conducting avian nest surveys prior to removal, which is a violation of Mitigation Measure B-3 and APM 7-6. Additionally, the trees were removed outside of the allowable window of November 1 through February 15 as established in Mitigation Measure B-3 and overland travel was used instead of existing access roads.	PG&E has conducted post removal surveys at the tree removal sites and surrounding area, and supplied the CPUC with results on July 17, 2005. PG&E also notified CDFG.
Project Memo	1-6-06	PG&E contractors mechanically pumped the water from the casing of the underground conduit into Wetland #1 through a filter bag without adequate testing. Wetland #1 is under the Army Corps of Engineers jurisdiction.	Dewatering from the pipe is being conducted into Baker tanks. Test results and subsequent action are pending. The ACOE has been notified.
Project Memo	1-6-06	Large spoil piles are being stored in close proximity to Seasonal Drainage #30 without adequate erosion control measures, which is a violation of APM 7-2. The erosion control along the drainage was in disrepair, which led to silt from the spoil piles being emptied into the CDFG drainage. Siltation entering the drainage is a violation of Condition #2 of the CDFG Streambed Alteration Agreement.	Crews reinforced the erosion control along Seasonal Drainage #30. The CDFG has been notified. Spoil piles have been removed and are not expected to regenerate.

NOTICES TO PROCEED (NTP):

Table 2 presents the NTPs issued by the CPUC for the Atlantic–Del Mar Project to date. No additional NTPs are anticipated.

TABLE 2
NOTICES TO PROCEED
(Updated 5-18-06)

NTP #	Date Issued	Description
1	11-03-03	Mobilization within the Atlantic and Del Mar Substations, and overhead installation from the Del Mar Substation to the railroad right-of-way (northern 0.25 miles), City of Rocklin.
2	3-08-05	Construction of the remaining overhead portion (approximately 4 miles) and the underground portion (approximately 1.3 miles) of the Atlantic–Del Mar Reinforcement Project, within the Cities of Roseville and Rocklin in Placer County.

VARIANCE REQUESTS:

No new variance requests were submitted during the subject week. Table 3 presents the Variance Requests reviewed to date.

TABLE 3
VARIANCE REQUEST STATUS
(Updated 5-18-06)

Variance Request #	Date Submitted	Description	Status	CPUC Approval Date
1	4-19-05	Modify the implementation of Applicant Proposed Measure 7.2 at Wetlands #2 and #30 to allow the use of non-rubber tired vehicles and to allow discretionary re-fueling on the project right-of-way.	Approved	5-2-05
2	5-19-05	Allow overland travel from an existing access road to the Pole 3/19 site.	Approved	5-25-05
3	6-28-05	Allow specific tree removals outside of the allowable window of November 1 to February 15 as outlined in Mitigation Measure B-3.	Approved	7-7-05
4	6-28-05	Allow movement of track and rubber tired equipment through approximately 15 feet by 100 feet of Cultural Resource site Y2.	Approved	7-7-05
5	9-2-05	Remove either a berm or oak tree to open up space needed for boring operations south of Sunset Ave. Use of an existing disturbed staging area. String and pull conduit through a delineated wetland area.	Approved	9-8-05

UPCOMING ITEMS:

None

AGENCY PERSONNEL CONTACTS:

None

Photographs



Figure 1 – Repaired bank of Drainage #30, May 12, 2006.