



PRUNUSKE CHATHAM, INC.

**PG&E Contra Costa - Los Positas 230kV Reconductoring Project
Post-Construction Restoration and Storm Water Pollution Prevention Plan (SWPPP)
Design, Implementation and Monitoring**

Client: Pacific Gas and Electric

Contact: Debie Montana, (925) 719-3168

PCI designed and implemented restoration of 14 sites (spread across 35 miles and 3 cities), that were disturbed during the PG&E reconductoring of transmission lines. PCI first gathered technical data of the pre-existing conditions to create a detailed work plan with environmental sensitivity to rare or endangered plants and animals. PCI then installed all work required for the post-construction element of the Storm Water Pollution Prevention Plan (SWPPP) and the Habitat Conservation Plan (HCP). By combining the goals of these two plans the sites were designed and built with low impact, renewable and biodegradable measures that are attractive, sustainable and effective.



Newly sprouted roundleaf filaree

The restoration and best management practices included the following:

Spring prior to construction.

- Collected seeds of a very rare plant (*roundleaf filaree*).
- Mowed and stored site-specific grass cuttings (with seeds) prior to construction.

Summer/Fall post construction SWPPP implementation

- Aerated and harrowed disturbed/ compacted soils.
- Sowed native grass seed mix.
- Spread previously collected grass cuttings.
- Hydroseed/mulched with native grass seed mix.
- Installed bio-wattles and water bars as needed.



Acorn planting and protection

Fall/Winter

- Collected and planted valley oak acorns.
- Planted roundleaf filaree seeds.
- Monitored sites for restoration success and SWPPP compliance.

PCI monitored the sites to insure and document the success of both the restoration establishment and the storm water management. This kept the client in compliance with all requirements and abreast of any issues that arose as well as how these issues were remediated. The SWPPP and environmentally trained PCI monitor was able to make necessary immediate repairs on the spot, and thus avoided unnecessary delays, redundant efforts or miscommunications.

