

**CENTRAL VALLEY
NATURAL GAS
STORAGE
PROJECT**

**VARIANCE
REQUEST
FORM**



Date Required:	July 15, 2011 (prior to ROW preparation)	Variance Request No.:	No. 2 – Modification of Pipeline Work Area
Date Submitted:	July 1, 2011	Location:	Two areas of pipeline work space located east of Glenn-Colusa Canal and south of Dirks Road (see attached maps).
Property Owner(s):	Barrett	Parcel No.:	APN 011-140-019
Current Land Use:	Fallow rice field	Sensitive Resources:	Potential upland habitat for giant garter snake.

Variance from: Additional temporary work space outside previously approved work space.

Description and Justification for Variance:

Barrett #1: The reason for this proposed change is ongoing negotiations with Wild Goose. The need for temporary workspace for the HDD on top of the Wild Goose pipeline is eliminated by moving the HDD entry point and associated temporary workspace farther to the southwest along the original alignment. The net increase in temporary workspace as a result of the proposed change is 0.22 acre.

Barrett #2: This additional work area includes a 100' x 200' (0.46 acre) area inside the eastern boundary of the Barrett Property. The area would be used as a staging area for pipe and potentially for equipment to aid in the installation of the pipeline along Dirks Road north of the Etchepare property where we have a very narrow workspace in between Dirks Road and Mr. Etchepare's orchard. There will be no excavation in this temporary workspace, except for minor site preparation.

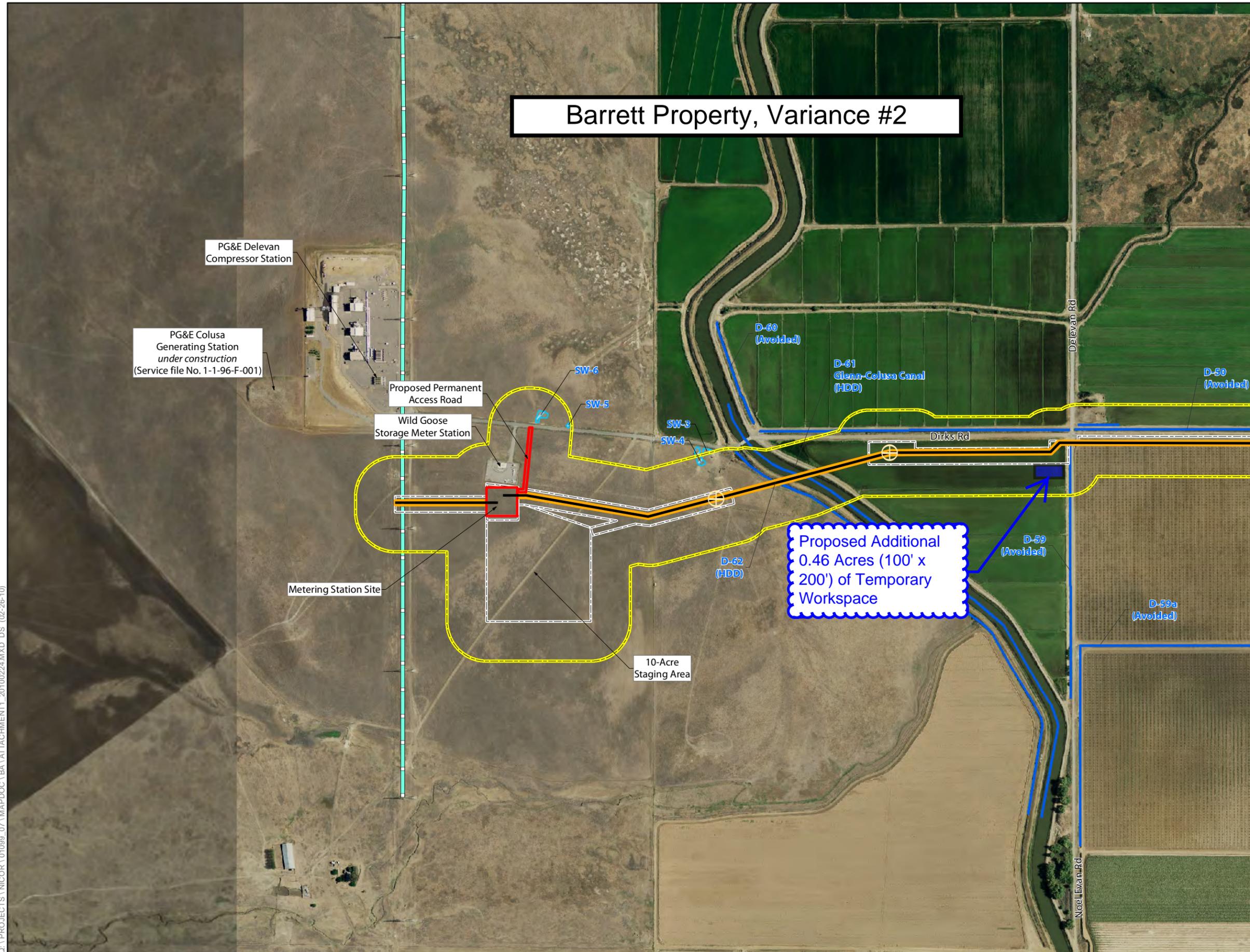
Site Conditions/Comments: The additional work spaces on Barrett property occur within a fallow rice field. This area was surveyed by biologists during the week of June 13, 2011. The results of the biological survey were reported to the CPUC as part of biological survey memo submitted for NTP 10b (pipeline ROW preparation).

Approvals	Date	Name (print)	Signature	Comments
CPUC Compliance Mgr				
Central Valley Construction Manager	7/1/2011	Dirk de Bruyn		
Central Valley Environmental Manager	6/28/11	Susan Bushnell Bergfalk		None

Prepared by: Susan Bushnell Bergfalk, Environmental Manager, ICF International

Date: June 28, 2011

Barrett Property, Variance #2

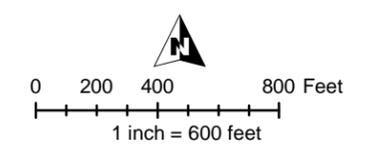


Project Elements

- HDD Bore Location
- Permanent Impact Area – Above Ground Facilities and New Access Roads
- Temporary Impact Area – Permanent Easement for Buried Gas Pipeline
- Temporary Impact Area – Construction Easement for Buried Gas Pipeline and Above Ground Facilities
- Buffer Area
- 24-Inch Gas Pipeline
- 16-Inch Dual Gas Gathering Line
- 8-Inch Connection Pipeline
- Saltwater Disposal Line
- PG&E 12kV Line
- PG&E 400/401 Line

Biological Elements

- Biological Study Area
- Proposed Berm Removal in March/April 2011
- Valley Elderberry Longhorn Beetle Habitat
- Drainages
- Seasonal Wetland
- Freshwater Marsh



Aerial Source: Rooney Engineering Inc. 2008



Prepared by:



Prepared for:



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Barrett Property, Variance #1

Proposed New
Workspace
Requirement

Original Workspace to be
removed

Summary of Changes to Temporary Workspace:

Original Requirement:	0.33 Acres	(shown in red)
Proposed Requirement:	0.55 Acres	(shown in blue)
Net Increase:	0.22 Acres	

These changes are proposed as a result of ongoing negotiations with Wild Goose Storage. The proposed HDD entry point and associated workspace will be moved farther to the southwest along the existing alignment. Sufficient clearance beneath the canal will still be maintained.

Original HDD Entry
Point

Proposed HDD
Entry Point

DELEVAN ROAD

CC-004