CENTRAL VALLEY NATURAL GAS STORAGE PROJECT	VARIANCE REQUEST FORM	central valley gas storage llc

Date Required:	November 18, 2011	**Variance Request No.:**	No. 14 – Increase of Hazardous Material Stored at Compressor Station Site
Date Submitted:	November 9, 2011	**Location:**	Compressor station site located on McAusland Road
Property Owner(s):	Glassgow	**Parcel No.:**	012-110-095
Current Land Use:	Site is developed and supports the compressor station facility.	**Sensitive Resources:**	None.

Variance from: This variance requests the CPUC's approval to increase the size of tanks and quantities of hazardous materials that will be stored at the compressor station. Table 5.8-2 in the IS/MND contains a list of hazardous materials that may be stored at the compressor station site. This table was based on the best available information at the time the IS/MND was prepared. The most current estimate of quantities required is different than what was originally estimated in the IS/MND. The tank sizes and associated maximum fill capacity are provided below in red and original IS/MND estimates from Table 5.8-2 are provided in black.

Material	Table 5.8-2 (IS/MND) Estimated Quantity Stored On-Site (gallons)	Tank Size (Maximum Fill Capacity) (gallons)
Clean tri-ethylene glycol	2,500	6,300 (5,600)
Used tri-ethylene glycol	2,500	6,300 (5,600)
Engine coolant	1,500	6,300 (5,600)
Engine lube oil	1,000	2,500 (2,500)
Compressor lube oil	1,000	2,500 (2,500)
Used lube oil	800	1,480 (1,200)
Condensate tank	Not Listed but shown in Figure 4-5	6,300 (5,600)
Lube oil transfer tank	Not Listed	450 (380)
Used engine coolant	Not Listed	6,300 (5,600)
Urea tank	Not Listed	6,500 (6,500)

Description and Justification for Variance: The engineers have recommended purchasing larger quantities of materials than originally estimated in the IS/MND.

Environmental Analysis: A brief description of the potential environmental effects associated with the increase in tank sizes is provided below.

Aesthetics. The increase in hazardous material quantities may require an increase in the size of some of the tanks. However, the visual impacts would be the same as those described in the IS/MND. No mitigation is required.

Agricultural and Forestry Resources. No impacts on agricultural or forestry resources are anticipated. No new mitigation has been identified.

Air Quality and GHG Emissions. The increase in hazardous waste material storage would not result in any new or greater impacts than were previously described in the MND. No new mitigation has been identified.

Biological Resources. No new impacts on biological resources would result from the increase in quantities of hazardous materials at the compressor station.

Cultural Resources. No impacts on cultural resources are anticipated and no mitigation has been identified.

Geology and Soils. The increase in hazardous material storage at the compressor station will not result in any effects related to geologic, soil, and seismic site conditions. No mitigation is required.

Hazards and Hazardous Materials. The increase in hazardous waste material storage is not anticipated to result in any new or greater impacts than were previously described in the MND. CVGS will implement the appropriate APMs and mitigation measures identified in the MND to avoid and minimize potential impacts, including APMs HAZ-1 and HAZ-2 and mitigation measure HAZ-3. No new mitigation has been identified.

Hydrology and Water Quality. The increase in hazardous material storage at the compressor station will not result in any effects on hydrology and water quality. No mitigation is required.

Land Use and Planning. No potentially significant impacts related to land use have been identified. No mitigation is required.

Mineral Resources. The increase in hazardous material storage at the compressor station will would not have a significant effect on mineral and energy resources and would not result in the loss of the availability of the resources because none occur in the project area. No mitigation is required.

Noise. The increase in hazardous material storage at the compressor station will not result in any noise-related impacts. No mitigation is required.

Population and Housing. The increase in hazardous material storage at the compressor station would not result in any new or greater impacts than were previously described in the MND. No mitigation is required.

Public Services. The increase in hazardous material storage at the compressor station would not result in any new or greater impacts on public services than were discussed in the MND. No mitigation is required.

Recreation. The increase in hazardous material storage at the compressor station would not result in recreation impacts. No mitigation is required.

Transportion/Traffic. The increase in hazardous material storage at the compressor station would not result in transportation or traffic impacts. No mitigation is required.

Utilities and Service Systems. The increase in hazardous material storage at the compressor station would not require an expansion or improvement in utilities or service systems, including wastewater and water supply treatment or delivery. No mitigation is required.

Site Conditions/Comments: None.

Approvals	Date	Name (print)	Signature	Comments
CPUC Compliance Mgr				
Central Valley Construction Manager	11/9/11	11/9/11		
Central Valley Environmental Manager	11/9/11	Susan Bushnell Bergfalk		None

Prepared by: **Susan Bushnell Bergfalk, Environmental Manager, ICF International** **Date:** **November 9, 2011**