

# PXP

May 26, 2009

Division of Oil, Gas, and Geothermal Resources  
5816 Corporate Ave, Suite 200  
Cypress, Ca 90630  
Attn W. E. Brannon Deputy Supervisor

County of Los Angeles Department of Public Works  
Geotechnical & Materials Engineering Division  
900 South Fremont Avenue, 4<sup>th</sup> Floor  
Alhambra, Ca 91803-1331  
Attn: Charles Nestle  
Supervising Engineering Geologist II

Subject: Ground Movement Monitoring Plan for the Baldwin Hills Community Standards District.

Sirs

This document is intended to satisfy the requirements of the Baldwin Hills Community standards District Section L.4.e (page 86). "Ground Movement Monitoring Plan."

In our submission of February 23, 2009 entitled "Accumulated Ground Movement Implementation Plan for the Baldwin Hills Community Standards District", PXP presented a methodology to determine ground movement within the oil field (as well as areas outside the oil field) by both the use of a series of monument stations, as well as by the use of DifSAR (Differential Interferometric Synthetic Aperture Radar).

The Ordinance states "The operator shall conduct ground movement surveys once every 12 months, or more frequently if determined necessary by the director of public works, following all provision of a ground movement monitoring plan that is acceptable to DOGGR and the director of public works, that calls for both vertical and horizontal ground movement surveys, at specified survey locations within, and in the vicinity of the oil field, utilizing high precision Global Positioning System technology in combination with a network of ground stations...."

PXP is of the opinion that in order to comply with section L.4.e of the ordinance both DOGGR and Public Works need to provide PXP with acceptance (or notify us of changes) regarding our February 23 submission. Once we receive notification that the

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methodology proposed, in the opinion of both the County and DOGGR, satisfies the conditions, then PXP will move forward with the first survey per the terms of section L.4.d. That survey will be the first data point to satisfy L.4.e, which will then be repeated on an annual basis.

Should you have any questions or comments regarding the Ground Movement Monitoring Plan, please do not hesitate in contacting me at (323)298-2226 or our consultant, Psomas. The contact for Psomas is Mr. Robert C. Olson, PLS. Rob can be reached at (661)705-4422.

Sincerely,



G. L. Cales

Draft  
Information  
Only