

Environmental Social Responsibility

September 1, 2006

John Fitzpartrick, Ed.D Interim Superintendent **Beverly Hills Unified School District** 255 South Lasky Drive Beverly Hills, CA 90212

Re: Beverly Hills High School Methane Monitoring Results – August, 2006

Dear Dr. Fitzpatrick:

## Introduction

In this report, The Phylmar Group, Inc., presents the results of bimonthly methane monitoring in August, 2006 at Beverly Hills High School, located at 241 Moreno Drive, Beverly Hills, California. The methane survey was conducted at several indoor locations in close proximity to the upper athletic field and north parking lot where subsurface concentrations of methane were detected.

## Methods

Methane levels were measured using a properly calibrated direct reading instrument (Q-RAE Plus Multi Gas Monitor). Readings were collected for a one to two minute period in each location and recorded on August 31, 2006.

## **Results and Discussion**

The sampling results are displayed in the attached Table. All of the measured concentrations were less than the instrument's detection limit of one percent.

## Conclusions

Methane is a colorless, odorless gas and lighter than air. It is explosive at concentrations between five to fifteen percent. A concentration of five percent is the lower explosive limit (LEL). The methane concentrations listed in this report were consistent with background levels and far less than the methane LEL. Therefore, no explosive risk is present at this time.

Please contact the undersigned at 310-474-3937 if you have any questions. 2342 Manning Avenue • Los Angeles, California 90064 (310) 474-3937 • Fax: (310) 446-1826 • www.phylmar.com Very truly yours,

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Mark Katchen, CIH Managing Principal

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TABLE 1. METHANE MONITORING RESULTS – August 31, 2006	
Location	Concentration (percent)
Background (Phylmar Office)	Less than 1
Maintenance & Operations Office	Less than 1
Basketball Courts (Upper Field)	Less than 1
Boy's Restroom (Building K)	Less than 1
Room 661 (Building E)	Less than 1
Room 690 (Building F)	Less than 1
Room F-15 (Building F)	Less than 1
Swim Gym (Building F)	Less than 1
Batting Cage	Less than 1
Lobby (Building B)	Less than 1
Room 294	Less than 1
Warehouse Area (Building A)	Less than 1
Salter Theater	Less than 1