

July 16, 2004

Mr. Jeffrey Hubbard  
Superintendent  
Beverly Hills Unified School District  
255 South Lasky Drive  
Beverly Hills, CA 90212

Re: Beverly Hills High School Methane Monitoring Results - July 2004

Dear Mr. Hubbard:

### **Introduction**

In this report, The Phylmar Group, Inc., presents the results of bimonthly methane monitoring in July, 2004, 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 July 15, 2004.

### **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.

Very truly yours,



Mark Katchen, CIH  
Managing Principal

MAK:km



<b>TABLE 1. METHANE MONITORING RESULTS – MAY 19, 2004</b>	
<b>Location</b>	<b>Concentration (percent)</b>
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
North Parking Lot	Less than 1
Room N-13	Less than 1
Room N-15	Less than 1
Room N-18	Less than 1
Salter Theater	Less than 1