

Illinois Department of
**Public
Health**

John R. Lumpkin, M.D., M.P.H., Director

2125 South First Street • Champaign, Illinois 61820-7499

May 9, 1997

#612059601

CHAMPAIGN COUNTY (MAHOMET) - Follow-up Indoor Air Survey
Lincoln Trail Elementary

Mr. Lee Jessup, Principal
Lincoln Trail Elementary
102 E. State, Box 200
Mahomet, Illinois 61853

Dear Mr. Jessup:

Per your request, a follow-up indoor air survey was conducted by Cary Ware at Lincoln Trail Elementary April 15-21, 1997. The primary goal of the survey was to assess if further modifications to the heating and ventilation system in the 1988 building addition (Room 5F) increased the amount of outside air being supplied and distributed throughout the building.

As previously discussed, carbon dioxide (CO₂) measurements can be used to determine if the quantity of outdoor air that is being delivered to building occupants is adequate. During this sampling period, the CO₂ concentrations were below 1000 parts per million (ppm). The maximum CO₂ concentration was approximately 975 ppm on the late morning of April 17, 1997. Based on these results, it appears that an adequate amount of outside air was being introduced into the building during the sampling period. The effectiveness of the heating and ventilation system modifications may not be fully evaluated until the next heating season. At that time, you may request the Department to characterize the building.

If you have any questions regarding this survey, please contact Cary Ware or me at our Champaign Regional Office located at 2125 South First Street, Champaign, Illinois 61820, telephone (217) 333-6914.

Very truly yours,



Mark Kuechler, P.E.
Regional Engineer

CW:kgb

cc: Champaign Regional Office ^{CW}

Division of Environmental Health

John Alumbaugh
[Redacted]