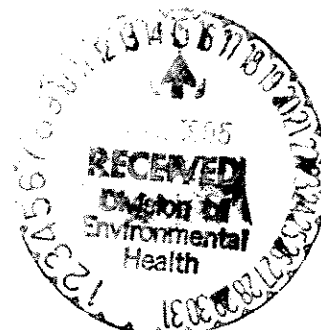


March 9, 1995

FAYETTE COUNTY - Brownstown
Case #501269501

Ms. Jean Jones
Brownstown Community High School
Brownstown, IL 62418



Dear Ms. Jones:

On February 8, 1995, Monica Rebbe and Lynn Stone with our Department conducted air sampling for the detection of formaldehyde at the school. The purpose of the air sampling was in response to concerns of formaldehyde concentrations in the school causing adverse health reactions to one of the students.

Sampling stations were set up at five locations in the school (Rooms #205, 209, 1011, 105, and 108). The sampling activities were initiated at 2:30 PM and concluded at 6:45 PM. Laboratory results indicated no formaldehyde concentrations were detected at any of the sampling locations. Passive sampling for formaldehyde utilizing personal monitoring badges was also conducted at that time. No detectable concentrations of formaldehyde were identified with this method of sampling.

The presence of formaldehyde is dependent upon variables such as temperature, humidity and time. As environmental conditions vary, the amount of formaldehyde present in a building may also vary. There did not appear, however, to be obvious sources of formaldehyde containing products in the school that would contribute to significant levels of formaldehyde in the air.

The severity of an individuals reaction to formaldehyde depends on exposure level, exposure duration, and individual sensitivity. Even extremely low concentrations of formaldehyde may produce reactions in highly sensitive individuals.

If we may be of additional assistance, do not hesitate to contact Lynn Stone at the Marion Regional office, telephone 993-7010, TDD number 1-800-547-0466 (for the hearing impaired only).

Sincerely,

James M. Buitt
Regional Supervisor

LS/mjb

cc: Div. of Env. Hlth. - Tox.

MRO - Env. Tox.