

Illinois Department of
Public Health

George H. Ryan, Governor • John R. Lumpkin, M.D., M.P.H., Director

4302 North Main Street • Rockford, Illinois 61103-1209

September 7, 2000

Case# 104299701

Mr. Art Commare
Belvidere School Administrative Office
1201 5th Ave
Belvidere, IL 61008

RECEIVED
SEP 11 2000
Div. of Environmental Health

Dear Mr. Commare:

On September 7, 2000 a follow up indoor air investigation was conducted at Kishwaukee School in Garden Prairie by Steve Johnson of our Rockford Regional Office. You, Jack Janssen, Jeff Francis and several other contractors were present. The purpose of this investigation was to conduct spot checks of the carbon dioxide levels and compare our readings with those being measured and used to control your heating and cooling system. Jeff Francis downloaded the systems readings and will provide those results. Our carbon dioxide (CO₂) results are listed below.

Location	CO ₂ (ppm)	Notes
outdoors	464	conditions measured outside the school
room 6	760	room occupied
room 7	799	room occupied
room 8	611	only 2 people working in the library
room 9	746	room occupied
room 10	767	room occupied
west resource room	530	2 people briefly in room
northwest resource room	498	room unoccupied

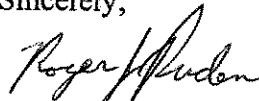
ppm - parts per million

The above results indicate that these classrooms are adequately ventilated.

Again, we want to emphasize that proper maintenance of the system is very important. The various sensors should be inspected on a routine basis to make sure they are functioning. The unit filters should be changed and the drain tubes for the drip pans should be inspected on a regular schedule. (It is important that the drain tubes remain open.) The drip pans should also be cleaned on a regular schedule.

Your efforts to improve the air quality are to be commended. If you have any questions or we can be of any further service, please feel free to contact our Rockford Regional Office located at 4302 North Main Street, Rockford Illinois, 61103, telephone 815/987-7511.

Sincerely,



Roger J. Ruden, P.E.
Regional Engineer

SJ:sj

cc - Central Office
- Rockford Regional Office
- Boone County Health Dept.