



Mike Braun
Governor

Lindsay M. Weaver, MD, FACEP
State Health Commissioner

April 21, 2026

99 RDC 653

Dr. William Long, Superintendent
Center Grove Community School Corp.
4800 W. Stones Crossing Road
Greenwood, IN 46143

Dear Dr. Long:

The purpose of this letter is to report the result of our indoor air quality evaluation of Center Grove High School on April 13th. This evaluation was conducted at the request of the Johnson County Health Department after they received a complaint regarding water leaks, stained ceiling tile and mold.

We walked the hallways throughout the building and looked into several classrooms. There was one active leak in the hallway by room 520 and a few stained ceiling tiles in other hallways. Air samples for mold were taken in areas where we observed the stained ceiling tile.

The Indiana State Department of Health's Microbiological Laboratory incubated and counted the fungal and bacterial units. The colony forming units per cubic meter of air (CFU/M³) were computed taking the fungal or bacterial counts and dividing by the total volume of the sampled air. The indoor fungal and bacterial concentrations were lower than the outdoor concentrations. Please refer to Table 1 for further details. There are no limits established as an acceptable concentration of fungal counts indoors. There are guidelines that recommend lower concentrations indoors than outdoors.

The Carbon dioxide (CO₂) levels inside were measured with the highest reading 1237 parts CO₂ per million parts of air (ppm) in the hallway by locker 3351. The School Indoor Air Quality rule, 410 IAC 33-4-2 states "(a) 'Outdoor Air shall be supplied to classrooms when occupied. (b) Carbon dioxide concentrations in the breathing zone shall never exceed 700 ppm over the outdoor concentration', in this case giving a limit of 1155 ppm. ASHRAE (American Society of Heating, Refrigeration, and Air Conditioning Engineers) recommends 15 cfm (cubic feet per minute) of outdoor air per person for classrooms.

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The outdoor relative humidity was measured at 55 percent (%) and the indoor relative humidity had a range of 48 to 52%. 410 IAC 33-4-4 sets the maximum relative humidity level in air-conditioned schools at 65% during periods of student occupancy. In the US EPA's publication "Mold Remediation in Schools and Commercial Buildings" they recommend maintaining a relative humidity level below 60% but ideally 30 – 50% if possible. Studies have shown that low relative humidity can cause dryness and irritation of the respiratory tract making individuals more susceptible to infections while high relative humidity levels can promote the growth of allergens such as dust mites or mold.

Based on sample results and our visual inspection we note the following:

- 1) The carbon dioxide concentration in the third-floor hallway by locker 3351 was 1237 ppm. As this is not a classroom the limit of 1155 ppm does not apply, but we do suggest that you check the HVAC dampers for the classrooms in that area to ensure they are supplying sufficient fresh air.
- 2) **410 IAC 33-4-6 (c) states "When a water leak or intrusion is discovered, corrective action shall be taken within forty-eight (48) hours."** There was water dripping from the ceiling onto the floor in the hallway outside room 520. Placing a trash can under the leak to capture the water may be sufficient to temporally address the issue but should not be considered appropriate as a long term means of addressing the issue.
- 3) There were a few areas with stained ceiling tiles. It is not required, but we do encourage schools to replace stained ceiling tiles once the leaks are corrected, so new leaks are quickly identified and addressed.

410 IAC 33 requires you to respond within 60 days of any actions you take based upon this report.

The School Indoor Air Quality rule 410 IAC 33-6-2 requires this report, within 5 working days of receipt, to be posted for 14 days both at the school building stated in the report, and on the school's website, where it is accessible to students, parents, and employees. The rule also requires your response to this report to be posted within 5 working days of sending the response to us. That too is to be posted for 14 days. Please respond back providing the links where these are posted on the website.

Individuals experiencing health problems should seek medical advice from a physician.



If you have questions, I can be reached at 317.682.9033.

Sincerely,

Ron Clark

RON CLARK,
Industrial Hygienist
Indoor Air Section, Environmental Public Health

Enclosure



TABLE 1
Center Grove High School

Computed Microbiological Air Sample Results
Taken April 13, 2026

Sample	Location	Persons	Temp °F	RH %	CO2 ppm	Fungal cfu/m3	Bacterial cfu/m3
1	Hallway by Rm. 520	0	72	52	568	87	13
2	Hallway by locker 3351	0	72	51	1237	40	7
3	Hallway by locker 1690	15	73	48	944	53	7
4	Outdoor	0	79	55	455	460	27

Notes:

% -----percent

ppm-----parts per million

CFU/M³—colony forming units per cubic meter of air