



**Indiana**  
Department  
of  
**Health**



Eric J. Holcomb  
Governor

Lindsay M. Weaver, MD, FACEP  
State Health Commissioner

February 1, 2024

MB3 99 RDC 568

Todd Terrill, Superintendent  
Crown Point Community School Corp.  
200 E. North Street  
Crown Point, IN 46307

Dear Superintendent Terrill:

The purpose of this letter is to report the result of our indoor air quality evaluation of Taft Middle School on January 30<sup>th</sup>. This evaluation was a routine follow up from our report dated October 3, 2023.

The Carbon dioxide (CO<sub>2</sub>) levels inside were measured with the highest reading 1022 parts CO<sub>2</sub> per million parts of air (ppm) in room D-22. 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 \*\*\* 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.

The outdoor relative humidity was measured at 64 percent (%) and the indoor relative humidity had a range of 31 to 38%. The American Society of Heating, Refrigeration and Air-conditioning Engineers (ASHRAE) recommends the relative humidity in habitable spaces preferably should be maintained between 30% and 60% to minimize growth of allergenic and pathogenic organisms. Humidity levels above 50% have been found to increase the population size of molds, fungi and mites that may cause allergies. The evidence suggests that humidity levels should be maintained between 40% and 50% to reduce the incidence of upper respiratory infections and to minimize the adverse effect

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on people suffering from asthma or allergies. Such a range would be hard to maintain, however, exposure to higher or lower levels are unlikely to affect the health of most people.

All the parameters measured were within the acceptable range. We did not observe any air fresheners or fragrances in any of the rooms visited.

The School Indoor Air Quality rule 410 IAC 33-6-2 requires this report, within 5 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. Please respond back providing the link where this is posted on the website.

As no deficiencies are noted in this report you are not required to send a response letter addressing any corrective actions that have been taken.

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

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

Sincerely,

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

Enclosure



**TABLE 1**  
**Taft Middle School**

**Indoor Air Quality Measurements**  
**Taken January 30, 2024**

Sample	Location	Occupants	Temp °F	RH %	CO2 ppm
1	Main gym	45	70	38	658
2	Library	0	69	33	670
3	D-22	26	70	35	1022
4	D-3	21	70	36	920
5	D-32	18	70	32	726
6	B-6	4	70	33	687
7	B-30	1	69	32	663
8	C-10	17	70	33	764
9	C-16	0	70	31	705
10	B-29	12	70	32	736
11	A-15	2	71	30	564
12	Outside	0	38	64	407

**Notes:**

**% -----percent**

**ppm-----parts per million**