

IEA, INC.

# 2022 - 2023 IAQ Walkthrough



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## Saint Paul Public Schools AGAPE High School

Walkthrough Date:  
Thursday, February 16, 2023

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## Project Description

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IEA conducted an Indoor Air Quality (IAQ) walkthrough at AGAPE High School by IEA representative, Eddie Anderson. This walkthrough was conducted with the intent of gathering basic air quality and visual observations which will assist the District in making informed and proactive decisions to improve and maintain acceptable air quality in the building. This walkthrough is based upon the Environmental Protection Agency's (EPA's) Tools for Schools IAQ guidelines.

Some observations gathered during the walkthrough may identify issues which may require additional testing, evaluation or further investigation.

The findings, conclusions and recommendations presented herein are believed to be accurate and representative of the building on the date and time of the walkthrough.

### **GENERAL COMMENTS**

The analysis and opinions expressed in this report are based upon data obtained from Saint Paul Public Schools at the indicated locations. This report does not reflect variations in conditions that may occur across the site, property, or facility. Actual conditions may vary and may not become evident without further assessment.

The report is prepared for the exclusive use of our client for specific application to the project discussed and has been prepared in accordance with generally accepted indoor air quality practices. Other than as provided in the preceding sentence, no warranties are extended or made.

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## Building Information

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General information regarding the building was collected during the walkthrough. The information gathered during this process is a vital component, as it is helpful in determining how these items may play a role in possible IAQ related issues.

Below is a summary of the information gathered during the walkthrough:

- The building has one (1) floor.
- The building has not had recent construction.
- There are operable and inoperable windows in the exterior rooms within the building.
- The building was originally constructed in 1111.
- The building does utilize walk-off mats.
- There are no below grade floors.
- There are no tunnels under portions of the building.

## Observations Summary and Air Quality Measurements

Room / Location	Number of Occupants	Odor Present	Observations	Dust Accumulation	CO <sub>2</sub> (ppm)	CO (ppm)	RH (%)	Temp (°F)
OUTDOORS					688	4.3	5.4	18.0
1001	0	No		No	652	0.1	9.1	70.7
1012	0	No		No	603	0.1	8.1	72.1
1013	1	No		No	589	0.1	8.2	72.4
1014	0	No		No	593	0.1	7.7	71.6
1018	1	No	• Taxidermy	No	571	0.2	0.3	70.8
1019	1	No		No	553	0.1	7.9	70.6
1025	5	No		No	568	0.1	8.2	71.2
1026	5	No		No	617	0.1	10.2	71.6
1027	0	No		No	644	0.1	7.7	71.1
1028	7	No		No	709	0.1	9.4	71.6
1030	6	No		No	787	0.1	9.2	71.0
1031	5	No		No	753	0.1	9.5	71.2
1032	6	No		No	742	0.1	9.5	71.8
1033	8	No		No	803	0.1	9.1	71.6
1029	0	No		No	607	0.1	8.5	71.0
1035	3	No		No	837	0.1	9.8	70.4
1038	0	No		No	574	0.1	7.9	70.3
1040	1	Yes Fragrance	• Plants	No	616	0.1	9.0	70.1
1041	4	No	• Taxidermy	No	636	0.1	8.8	70.9
1042	3	No		No	776	0.1	10.1	71.2

Room / Location	Number of Occupants	Odor Present	Observations	Dust Accumulation	CO <sub>2</sub> (ppm)	CO (ppm)	RH (%)	Temp (°F)
1043	0	No		No	586	0.1	7.4	70.3
1045	6	No	• Plants	No	586	0.1	8.0	70.2
1046	0	No		No	535	0.1	8.1	70.9
1206 COT ROOM	0	No	• Taxidermy	No	539	0.1	7.7	70.8
MAIN OFFICE 1000	1	No		No	564	0.1	7.9	71.8
1048 CAFETERIA	0	No		No	497	0.1	10.2	70.9
1053 KITCHEN	0	No		No	487	0.1	11.1	70.7
1006 PRINCIPAL	1	No	• Plants	No	573	0.1	7.6	71.2
1005	1	No		No	587	0.1	7.4	70.6
1003	0	No	• Plants	No	560	0.1	8.7	69.3
1009 RECEPTION	1	No		Yes Air Return	56	0.1	9.0	69.4
1007 BREAK ROOM	1	No		No	537	0.1	8.3	71.8
1020 HEALTH START	1	No		No	571	0.1	8.0	72.6
1021 EXAM	0	No		No	556	0.1	7.5	72.0
1024	0	No		No	543	0.1	7.4	71.4
1023	0	No	• Stained Ceiling Tiles	No	541	0.1	7.8	70.0



### **Taxidermy**

IEA observed area(s) with taxidermy mounts present. Individuals with allergies or asthma may be sensitive to dust, animal fur, or dander, and may have a reaction when exposed to these allergens. IEA recommends using an alternative to taxidermy mounts if allergen symptoms are found by occupants within the classroom.

- 1018
- 1041
- 1206 COT ROOM

### **Dust Accumulation**

IEA observed dust accumulation in the following room(s) and recommend that the specified area is wiped clean using a damp rag.

- 1009                      *Air Return*  
RECEPTION