



Environmental Consultants and Engineers

1818 New York Avenue Suite 217
Washington, DC 20002

www.globalincusa.net

March 13, 2026

Prince Georges County
Environmental Safety Office
13306 Old Marlboro Pike
Upper Marlboro, MD 20772
Attention: Mr. Alex Baylor

RE: Indoor Air Quality Inspection Report – Eleanor Roosevelt High School

Global Project Number: 26-011

Dear Mr. Baylor,

On February 6, 2026, Global, Inc. (GLOBAL) conducted an Indoor Air Quality (IAQ) Inspection at the Eleanor Roosevelt High School located at 7601 Hanover Pkwy, Greenbelt, MD 20770. The inspection was performed pursuant to cleanup of the Boiler Room that had a steam pipe burst.

Methodology

The IAQ evaluation included a visual assessment, measurement of comfort parameters (temperature, humidity, carbon dioxide, and carbon monoxide), respirable particulate matter (PM 2.5 μ m and PM 10 μ m size classes), LEL, Oxygen, and Hydrogen Sulfide.

Real-time measurements of comfort parameters (i.e., temperature, relative humidity, carbon monoxide, and carbon dioxide) and respirable particulate matter in air (PM2.5 μ m and PM10 μ m size classes) were obtained using calibrated portable digital instruments. The LEL, Oxygen, and Hydrogen sulfide were measured with a calibrated 4-gas meter. The measurements were compared with relevant industry standards and guidelines summarized below.

IAQ Parameter Measurements

The IAQ Parameter Measurements are Summarized in Table 1 below:

Table 1: Summary of IAQ Parameter Measurements (February 6, 2026)

IAQ Parameter	T (°F)	RH (%)	CO2 (ppm)	CO (ppm)	PM 2.5 (ug/m3) *	PM 10 (ug/m3) **
Industry Standards	ASHRAE 68-79°F	ASHRAE <65%	ASHRAE < 700 + Indoor Reading	NAAQS <9	NAAQS 9	NAAQS 150
Ambient	60.4	25.5	452	1.0	3.1	5.7
Boiler Room	72.1	25.3	553	1.0	8.0	12.5
Bathroom in Boiler Room	78.0	21.8	785	0.6	4.1	6.0
Hallway Adjacent to Boiler Room	78.5	18.5	800	0.9	5.2	6.7
Dent Office Room near Boiler Room	76.2	28.9	755	0.5	4.8	5.5
Hallway Adjacent to Health Office	75.5	28.0	780	0.0	3.9	4.8

*PM2.5 - Primary standard annual mean averaged over 3 years

**PM10 - Primary & Secondary Standard (24 Hours)

IAQ Parameter	LEL (Methane)	O2	H2S
Industry Standards	EPA 5% (by Volume)	OSHA 19.5%- 23.5%	OSHA 20ppm
Ambient	0	20.9	0
Boiler Room	0	20.9	0
Bathroom in Boiler Room	0	20.9	0



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IAQ Parameter	LEL (Methane)	O2	H2S
Industry Standards	EPA 5% (by Volume)	OSHA 19.5%-23.5%	OSHA 20ppm
Hallway Adjacent to Boiler Room	0	20.9	0
Dent Office Room Adjacent to Boiler Room	0	20.9	0
Hallway Adjacent to Health Office	0	20.9	0

Conclusions and Recommendations

All indoor air quality parameters measured in the Boiler Room and the adjacent rooms were within the applicable industry standards. We have no further recommendations at this time.

It has been our pleasure to conduct these IAQ Screening services for the Prince Georges County Public School system. If you have any questions, please feel free to contact us.

Regards,

Channa Bambaradeniya, Ph.D., CIH, CSP, CHMM
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