



**WASHINGTON AVENUE SCHOOL
ROOM 207
PLEASANTVILLE, NEW JERSEY
INDOOR AIR QUALITY INVESTIGATION
FINAL REPORT**

Prepared for:

Pleasantville School District
Pleasantville, New Jersey

Prepared by:

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1.0 BACKGROUND

Coastal Environmental Compliance, LLC (Coastal Environmental) was contacted to conduct an Indoor Air Quality/Mold inspection and testing of the property located at the Washington Avenue School, 225 W. Washington Avenue, Room 207, Pleasantville, New Jersey.

This report details the investigation results and testing results for the classroom.

2.0 APPROACH

2.1 *SAMPLING METHODOLOGY*

Microbiological air sampling was conducted in two locations within the property, and one outdoor location using a low flow pump and air-o-cell cassettes (spore traps). Samples were evaluated for total count and identification of fungi, and other particulates.

ProLab Inc., Weston, Florida, performed the analysis, according to guidelines proposed by the USEPA, and the AIHA Field Guide For The Determination Of Biological Contaminants In Environmental Samples, 1996.

3.0 FINDINGS & OBSERVATIONS

3.1 VISUAL INSPECTION

A visual inspection of Classroom 207 was conducted on March 3, 2023. The concerns and visual observations are as follows:

- ✚ In the classroom, overhead HVAC vents are dusty.
- ✚ Numerous ceiling tiles are bowed and exhibit some heavy black dust around the perimeter of the tiles.
- ✚ Occupants indicate that dust and debris have emanated from the vents, however, none was visible at the time of the inspection.

3.2.1 Microbiological Testing

Microbiological testing was conducted in Classroom 207 on March 3, 2023. Sample results are as follows (see attached laboratory results):

Type of Sample	Location	Fungi Count (Spores/m3)	Type of Fungi
Air-o-cell	Ambient	53	Cladosporium
		160	Aspergillus/Penicillium
	Total Mold Count	213	
Air-o-cell	Room 207 Front	160	Cladosporium
		53	Hyphae
		53	Aspergillus/Penicillium
	Total Mold Count	266	
Air-o-cell	Room 207 Rear	110	Cladosporium
		53	Curvularia
		53	Hyphae
		53	Aspergillus/Penicillium
	Total Mold Count	269	

Air samples indicate the following:

- ✚ Air sampling indicates acceptable levels of airborne fungi in the areas tested.
- ✚ Concentration and types of fungi are comparable to ambient air.

4.0 RECOMMENDATIONS

Based upon the testing results and visual observations, Coastal Environmental Compliance, LLC recommends the following:

BUILDING MAINTENANCE:

- ✚ Remove and discard all warped ceiling tiles with dark edges. HEPA vacuum ceiling tile tracks.
- ✚ Contact a contractor to clean the HVAC system and ductwork in Room 207.

Coastal Environmental Compliance, LLC is pleased to have provided the Pleasantville School District with professional services.

APPENDIX A

Laboratory Results