



**PLEASANTVILLE SCHOOL DISTRICT
NORTH MAIN STREET SCHOOL
ROOM 114
PLEASANTVILLE, NEW JERSEY
INDOOR AIR QUALITY INVESTIGATION
FINAL REPORT**

Prepared for:

Pleasantville School District
Pleasantville, New Jersey

Prepared by:

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June 17, 2018

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Prepared By:

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President/Member

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1.0 BACKGROUND

Coastal Environmental Compliance, LLC (Coastal Environmental) was contacted to conduct an investigation and testing of the property located at the North Main Street School, Room 114, Pleasantville, New Jersey. The inspection is being conducted to assess the condition of the classroom with regard to mold and other indoor air quality concerns.

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

2.0 APPROACH

2.1 SAMPLING METHODOLOGY

Microbiological air sampling was conducted in one location in each classroom, 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, New Jersey, 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 the classroom was conducted on June 8, 2018. The concerns and visual observations are as follows.

- ✚ A water leak from the ceiling has caused water damage in the classroom.
- ✚ Several ceiling tiles exhibit water damage.
- ✚ The side of the sink cabinet exhibits heavy water damage and some dark staining. The side of the cabinet has absorbed water.

3.2 SAMPLE RESULTS

3.2.1 Microbiological Testing

Microbiological testing was conducted in the classroom on June 8, 2018. Sample results are as follows (see attached laboratory results):

Type of Sample	Location	Fungi Count (Spores/m ³)	Type of Fungi
Air-o-cell	Ambient	480	Chaetomium
		53	Curvularia
		53	Other Ascospores
		53	Other Basidiospores
		53	Penicillium/Aspergillus
		110	Pollen
	TOTAL MOLD COUNT	692	
Air-o-cell	Room 114	210	Penicillium/Aspergillus
		53	Smuts, myxomycetes
		160	Cellulose fiber
		53	Plant fragments
			TOTAL MOLD COUNT

Air samples indicate the following:

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

4.0 RECOMMENDATIONS

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

- ✚ Remove water damaged ceiling tiles and replace.
- ✚ Remove sink cabinet and replace.

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

APPENDIX A

LABORATORY RESULTS