



**PLEASANTVILLE SCHOOL DISTRICT  
DEACTUR AVENUE SCHOOL  
TRAILER  
PLEASANTVILLE, NEW JERSEY  
INDOOR AIR QUALITY INVESTIGATION  
FINAL REPORT**

Prepared for:

**Pleasantville School District**  
Pleasantville, New Jersey

Prepared by:

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**PLEASANTVILLE SCHOOL DISTRICT  
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Prepared By:

*Marylee K. Morinelli-Space*

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Marylee K. Morinelli-Space  
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 Decatur Avenue School Trailer, Pleasantville, New Jersey. The inspection is being conducted to assess the condition of the classrooms with regard to mold and other indoor air quality concerns.

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

## **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 October 18, 2017. The concerns and visual observations are as follows.

#### TRAILER:

- ✚ Several water stained ceiling tile are present in the classrooms and in the bathrooms.
- ✚ No other visible areas of concern were found.

### 3.2 SAMPLE RESULTS

#### 3.2.1 Microbiological Testing

Microbiological testing was conducted in the classrooms on October 18, 2017. Sample results are as follows (see attached laboratory results):

Type of Sample	Location	Fungi Count (Spores/m3)	Type of Fungi
Air-o-cell	Ambient	800	Alternaria
		320	Bipolaris/Drechslera
		4,200	Cladosporium
		1,100	Epicoccum
		320	Ganoderma
		160	Nigrospora
		1,100	Other Ascospores
		8,300	Other Basidiospores
		80	Penicillium/Aspergillus
		320	Pithomyces
		1,900	Smuts, myxomycetes
		320	Cellulose fiber
		160	Fiberglass
		160	Plant fragments
	160	Pollen	
	<b>TOTAL MOLD COUNT</b>	<b>19,320</b>	

Type of Sample	Location	Fungi Count (Spores/m3)	Type of Fungi		
Air-o-cell	Left Classroom	160	Bipolaris/Drechslera		
		1,100	Cladosporium		
		1,300	Other Basidiospores		
		1,300	Penicillium/Aspergillus		
		320	Pithomyces		
		160	Rusts		
		160	Smuts, myxomycetes		
		320	Cellulose fibers		
		<b>TOTAL MOLD COUNT</b>		<b>4,500</b>	
		Air-o-cell	Right Classroom	480	Alternaria
1,100	Cladosporium				
160	Curvularia				
160	Epicoccum				
320	Other Basidiospores				
160	Pithomyces				
160	Rusts				
640	Smuts, myxomycetes				
160	Torula				
320	Cellulose fiber				
160	Fiberglass				
160	Pollen				
<b>TOTAL MOLD COUNT</b>				<b>3,340</b>	

**Air samples indicate the following:**

- ✚ Air sampling indicates acceptable levels of airborne fungi in the Trailer.
- ✚ 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:

### RECOMMENDATIONS:

- ✚ No corrective action required.
- ✚ The areas are safe for occupancy.

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

## **APPENDIX A**

### LABORATORY RESULTS