



**PLEASANTVILLE BOARD OF EDUCATION
LEEDS AVENUE SCHOOL
PLEASANTVILLE, NEW JERSEY
MICROBIAL REMEDIATION
CLEARANCE REPORT**

Prepared for:

The Pleasantville Board of Education
Pleasantville, New Jersey

Prepared by:

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Prepared By:

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Table of Contents

1.0 BACKGROUND	4
2.0 APPROACH	4
3.0 FINDINGS & OBSERVATIONS	5
4.0 RECOMMENDATIONS	8
APPENDIX A: LAB RESULTS	

1.0 BACKGROUND

Mold remediation has been conducted at the property located at the Leeds Avenue School, 125 W. Leeds Avenue, Pleasantville, New Jersey, according to the scope of work by Coastal Environmental dated July 24, 2012. Remediation was conducted by CORE Mechanical.

Clearance testing was conducted by Coastal Environmental Compliance, LLC.

2.0 APPROACH

2.1 SAMPLING METHODOLOGY

Microbiological air sampling was conducted in several 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.

Microbiological wipe sampling was conducted in several locations within the property. Wipe samples were taken using a cotton tipped swab, and wiped directly on surfaces. Samples were evaluated for total count and identification of fungi.

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

Areas of Concern found during the remediation:

- None found.

3.2 SAMPLE RESULTS

3.2.1 Microbiological Testing – August, 2012

Microbiological clearance testing was conducted at the building following completion of the remediation. The results are as follows:

Type	Location	Fungi Count (Spores/m3)	Type of Fungi
Air-o-cell	Ambient	53	Bipolaris/Drechslera
		53	Cladosporium
		53	Penicillium/Aspergillus
	Total Mold Count	159	
Air-o-cell	Room 300	53	Other Ascospores
		110	Cellulose fiber
	Total Mold Count	53	
Swab	Room 303 Brown table	--	No fungi detected
Swab	Room 300 Lab Table	--	No fungi detected
Swab	Room 307 Table	--	No fungi detected
Air-o-cell	Ambient	53	Cercospora
		590	Cladosporium
		53	Curvularia
		110	Ganoderma
		53	Nigrospora
		53	Oidium/Erysiphe
		480	Other Ascospores
		1,200	Other Basidiospores
		53	Smuts, Myxomycetes
		110	Unidentified spores
	53	Pollen	
Total Mold Count	2,755		

Type	Location	Fungi Count (Spores/m3)	Type of Fungi
Air-o-cell	Nurse Back	53	Other Ascospores
		53	Other Basidiospores
		53	Aspergillus/Penicillium
		53	Smuts, Myxomycetes
		53	Cellulose fiber
		110	Fiberglass
		53	Plant fragments
	Total Mold Count	212	
Air-o-cell	Nurse Main	53	Cladosporium
		53	Ganoderma
		53	Other Ascospores
		320	Other Basidiospores
		430	Aspergillus/Penicillium
	53	Cellulose fiber	
Total Mold Count	909		
Air-o-cell	Room 104	53	Cladosporium
		53	Ganoderma
		53	Other Ascospores
		110	Other Basidiospores
		110	Aspergillus/Penicillium
	53	Cellulose fiber	
Total Mold Count	159		
Air-o-cell	Room 117	53	Cercospora
		53	Ganoderma
		53	Other Ascospores
		53	Other Basidiospores
		210	Aspergillus/Penicillium
		53	Smuts, myxomycetes
		110	Cellulose fiber
		53	Fiberglass
		53	Insect fragments
		53	Plant fragments
	53	Pollen	
Total Mold Count	475		

Type	Location	Fungi Count (Spores/m3)	Type of Fungi
Air-o-cell	Room 118	53	Alternaria
		53	Ganoderma
		53	Other Ascospores
		53	Other Basidiospores
		160	Aspergillus/Penicillium
		53	Pithomyces
		110	Cellulose fiber
		53	Fiberglass
	Total Mold Count	425	
Swab	Room 118 Under table	--	No fungi detected
Swab	Room 310 Inside Cabinet	--	No fungi detected
Swab	Room 404 Door	--	No fungi detected
Swab	Nurse Bed	--	No fungi detected
Swab	Room 117 Under table	--	No fungi detected
Swab	Room 104 Side Book shelf	--	No fungi detected
Air-o-cell	Ambient	690	Cladosporium
		110	Ganoderma
		530	Other Ascospores
		2,700	Other Basidiospores
		370	Aspergillus/Penicillium
		160	Cellulose fiber
		160	Plant fragments
		53	Pollen
	Total Mold Count	4,400	
Air-o-cell	Room 404	1,100	Cladosporium
		53	Other Ascospores
		160	Other Basidiospores
		320	Cellulose fiber
	Total Mold Count	1,313	

Type	Location	Fungi Count (Spores/m3)	Type of Fungi
Air-o-cell	Room 310	1,000	Cladosporium
		53	Curvularia
		53	Ganoderma
		480	Other Ascospores
		1,400	Other Basidiospores
		160	Aspergillus/Penicillium
		110	Smuts, myxomycetes
		210	Cellulose fiber
	Total Mold Count	3,256	
Air-o-cell	Room 303	210	Alternaria
		690	Cladosporium
		53	Curvularia
		160	Epicoccum
		690	Ganoderma
		800	Other Ascospores
		1,500	Other Basidiospores
		110	Aspergillus/Penicillium
		53	Pithomyces
		53	Smuts, myxomycetes
		270	Cellulose fiber
		320	Plant fragments
110	Pollen		
	Total Mold Count	4,319	
Air-o-cell	Room 307	800	Cladosporium
		160	Ganoderma
		480	Other Ascospores
		1,800	Other Basidiospores
		160	Aspergillus/Penicillium
		53	Smuts, myxomycetes
	Total Mold Count	3,553	

Air Sample Results:

Air samples taken in the all areas tested indicate acceptable levels of airborne fungi. Concentration and species are comparable to ambient readings.

Swab Sample Results:

Swab sample results indicate no fungi detected.

4.0 RECOMMENDATIONS

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

- ✚ No further action required.
- ✚ The area is safe for occupancy.

Coastal Environmental Compliance, LLC is pleased to have provided the Pleasantville Board of Education with professional services.

APPENDIX A

Laboratory Results