



EMLab P&K

Report for:

Mr. Brian Poplarchick
LaBella Associates, D.P.C
1000 Dunham Drive, Suite B
Dunmore, PA 18512

Regarding: Project: 2200223 ESASD; ESASD - Middle Smithfield Elementary
EML ID: 2339973

Approved by:

Dates of Analysis:
Spore trap analysis: 01-27-2020

Technical Manager
Ariunaa Jalsrai

Service SOPs: Spore trap analysis (EM-MY-S-1038)
AIHA-LAP, LLC accredited service, Lab ID #103005

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank correction of results is not applied. The results relate only to the samples as received. Sample air volume is supplied by the client.

Eurofins EMLab P&K ("the Company") shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

Eurofins EMLab P&K's LabServe® reporting system includes automated fail-safes to ensure that all AIHA-LAP, LLC quality requirements are met and notifications are added to reports when any quality steps remain pending.

Eurofins EMLab P&K

3000 Lincoln Drive East, Suite A, Marlton, NJ 08053
(866) 871-1984 Fax (856) 334-1040 www.emlab.com

Client: LaBella Associates, D.P.C
C/O: Mr. Brian Poplarchick
Re: 2200223 ESASD; ESASD - Middle Smithfield Elementary

Date of Sampling: 01-22-2020
Date of Receipt: 01-23-2020
Date of Report: 01-27-2020

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	009: Middle Smithfield Elementary Rm. 208			010: Middle Smithfield Elementary Rm. 206		
Comments (see below)	None			None		
Lab ID-Version‡:	11141366-1			11141367-1		
Analysis Date:	01/27/2020			01/27/2020		
	raw ct.	% read	spores/m3	raw ct.	% read	spores/m3
Ascospores						
Basidiospores	5	25	270	3	25	160
Chaetomium						
Cladosporium						
Curvularia						
Epicoccum						
Fusarium						
Myrothecium						
Nigrospora						
Other brown				1	100	13
Other colorless						
Penicillium/Aspergillus types†						
Pithomyces	1	100	13			
Rusts						
Smuts, Periconia, Myxomycetes	3	100	40			
Stachybotrys						
Stemphylium						
Torula						
Ulocladium						
Background debris (1-4+)††	1+			1+		
Hyphal fragments/m3	< 13			< 13		
Pollen/m3	< 13			< 13		
Skin cells (1-4+)	2+			2+		
Sample volume (liters)	75			75		
§ TOTAL SPORES/m3			320			170

Comments:

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample, indicating a raw count of <1 spore.

† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.

†† Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher than reported. It is important to account for samples volumes when evaluating dust levels.

The analytical sensitivity is the spores/m³ divided by the raw count, expressed in spores/m³. The limit of detection is the analytical sensitivity (in spores/m³) multiplied by the sample volume (in liters) divided by 1000 liters.

For more information regarding analytical sensitivity, please contact QA by calling the laboratory.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

§ Total Spores/m³ has been rounded to two significant figures to reflect analytical precision.

Eurofins EMLab P&K

3000 Lincoln Drive East, Suite A, Marlton, NJ 08053
 (866) 871-1984 Fax (856) 334-1040 www.emlab.com

Client: LaBella Associates, D.P.C
 C/O: Mr. Brian Poplarchick
 Re: 2200223 ESASD; ESASD - Middle Smithfield Elementary

Date of Sampling: 01-22-2020
 Date of Receipt: 01-23-2020
 Date of Report: 01-27-2020

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	011: Middle Smithfield Elementary Rm. 204			012: Middle Smithfield Elementary Rm. 110		
Comments (see below)	None			None		
Lab ID-Version‡:	11141368-1			11141369-1		
Analysis Date:	01/27/2020			01/27/2020		
	raw ct.	% read	spores/m3	raw ct.	% read	spores/m3
Ascospores						
Basidiospores	2	25	110	3	25	160
Chaetomium						
Cladosporium						
Curvularia						
Epicoccum						
Fusarium						
Myrothecium						
Nigrospora						
Other brown						
Other colorless						
Penicillium/Aspergillus types†						
Pithomyces						
Rusts						
Smuts, Periconia, Myxomycetes				6	100	80
Stachybotrys						
Stemphylium						
Torula						
Ulocladium						
Background debris (1-4+)††	1+			1+		
Hyphal fragments/m3	13			27		
Pollen/m3	< 13			< 13		
Skin cells (1-4+)	2+			1+		
Sample volume (liters)	75			75		
§ TOTAL SPORES/m3			110			240

Comments:

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample, indicating a raw count of <1 spore.

† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.

†† Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher than reported. It is important to account for samples volumes when evaluating dust levels.

The analytical sensitivity is the spores/m³ divided by the raw count, expressed in spores/m³. The limit of detection is the analytical sensitivity (in spores/m³) multiplied by the sample volume (in liters) divided by 1000 liters.

For more information regarding analytical sensitivity, please contact QA by calling the laboratory.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

§ Total Spores/m³ has been rounded to two significant figures to reflect analytical precision.

Eurofins EMLab P&K

3000 Lincoln Drive East, Suite A, Marlton, NJ 08053
 (866) 871-1984 Fax (856) 334-1040 www.emlab.com

Client: LaBella Associates, D.P.C
 C/O: Mr. Brian Poplarchick
 Re: 2200223 ESASD; ESASD - Middle Smithfield Elementary

Date of Sampling: 01-22-2020
 Date of Receipt: 01-23-2020
 Date of Report: 01-27-2020

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	013: Middle Smithfield Elementary Rm. 16			014: Middle Smithfield Elementary Library		
Comments (see below)	None			None		
Lab ID-Version‡:	11141370-1			11141371-1		
Analysis Date:	01/27/2020			01/27/2020		
	raw ct.	% read	spores/m3	raw ct.	% read	spores/m3
Ascospores						
Basidiospores	3	25	160	4	25	210
Chaetomium						
Cladosporium						
Curvularia						
Epicoccum						
Fusarium						
Myrothecium						
Nigrospora						
Other brown						
Other colorless						
Penicillium/Aspergillus types†						
Pithomyces						
Rusts						
Smuts, Periconia, Myxomycetes						
Stachybotrys						
Stemphylium						
Torula						
Ulocladium						
Background debris (1-4+)††	1+			< 1+		
Hyphal fragments/m3	< 13			< 13		
Pollen/m3	< 13			< 13		
Skin cells (1-4+)	1+			1+		
Sample volume (liters)	75			75		
§ TOTAL SPORES/m3			160			210

Comments:

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample, indicating a raw count of <1 spore.

† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.

†† Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher than reported. It is important to account for samples volumes when evaluating dust levels.

The analytical sensitivity is the spores/m³ divided by the raw count, expressed in spores/m³. The limit of detection is the analytical sensitivity (in spores/m³) multiplied by the sample volume (in liters) divided by 1000 liters.

For more information regarding analytical sensitivity, please contact QA by calling the laboratory.

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

Eurofins EMLab P&K

3000 Lincoln Drive East, Suite A, Marlton, NJ 08053
 (866) 871-1984 Fax (856) 334-1040 www.emlab.com

Client: LaBella Associates, D.P.C
 C/O: Mr. Brian Poplarchick
 Re: 2200223 ESASD; ESASD - Middle Smithfield
 Elementary

Date of Sampling: 01-22-2020
 Date of Receipt: 01-23-2020
 Date of Report: 01-27-2020

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	015: Middle Smithfield Elementary Rm. 22 Faculty			016: Middle Smithfield Elementary Rm. 29		
Comments (see below)	None			None		
Lab ID-Version‡:	11141372-1			11141373-1		
Analysis Date:	01/27/2020			01/27/2020		
	raw ct.	% read	spores/m3	raw ct.	% read	spores/m3
Ascospores						
Basidiospores	2	25	110	5	25	270
Chaetomium						
Cladosporium	1	25	53			
Epicoccum						
Fusarium						
Myrothecium						
Nigrospora						
Other brown						
Other colorless						
Penicillium/Aspergillus types†				1	25	53
Pithomyces						
Rusts						
Smuts, Periconia, Myxomycetes						
Stachybotrys						
Stemphylium						
Torula						
Ulocladium						
Background debris (1-4+)††	< 1+			1+		
Hyphal fragments/m3	< 13			< 13		
Pollen/m3	< 13			< 13		
Skin cells (1-4+)	1+			2+		
Sample volume (liters)	75			75		
§ TOTAL SPORES/m3			160			320

Comments:

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample, indicating a raw count of <1 spore.

† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.

†† Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher than reported. It is important to account for samples volumes when evaluating dust levels.

The analytical sensitivity is the spores/m³ divided by the raw count, expressed in spores/m³. The limit of detection is the analytical sensitivity (in spores/m³) multiplied by the sample volume (in liters) divided by 1000 liters.

For more information regarding analytical sensitivity, please contact QA by calling the laboratory.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

Eurofins EMLab P&K

3000 Lincoln Drive East, Suite A, Marlton, NJ 08053
 (866) 871-1984 Fax (856) 334-1040 www.emlab.com

Client: LaBella Associates, D.P.C
 C/O: Mr. Brian Poplarchick
 Re: 2200223 ESASD; ESASD - Middle Smithfield
 Elementary

Date of Sampling: 01-22-2020
 Date of Receipt: 01-23-2020
 Date of Report: 01-27-2020

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	017: Middle Smithfield Elementary Rm. Exterior		
Comments (see below)	None		
Lab ID-Version‡:	11141374-1		
Analysis Date:	01/27/2020		
	raw ct.	% read	spores/m3
Ascospores			
Basidiospores	5	25	270
Chaetomium			
Cladosporium	4	25	210
Curvularia			
Epicoccum			
Fusarium			
Myrothecium			
Nigrospora			
Other brown			
Other colorless			
Penicillium/Aspergillus types†			
Pithomyces			
Rusts			
Smuts, Periconia, Myxomycetes			
Stachybotrys			
Stemphylium			
Torula			
Ulocladium			
Background debris (1-4+)††	2+		
Hyphal fragments/m3	< 13		
Pollen/m3	< 13		
Skin cells (1-4+)	< 1+		
Sample volume (liters)	75		
§ TOTAL SPORES/m3			480

Comments:

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample, indicating a raw count of <1 spore.

† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.

†† Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher than reported. It is important to account for samples volumes when evaluating dust levels.

The analytical sensitivity is the spores/m³ divided by the raw count, expressed in spores/m³. The limit of detection is the analytical sensitivity (in spores/m³) multiplied by the sample volume (in liters) divided by 1000 liters.

For more information regarding analytical sensitivity, please contact QA by calling the laboratory.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

§ Total Spores/m³ has been rounded to two significant figures to reflect analytical precision.