



October 17, 2022

Matt Odachowski
Royal Plus
201 Belt Street
Snow Hill, MD 21863

**RE: Skyline Elementary School
Executive Summary for School Clearance and Reoccupation
Post Restoration / Remediation Verification (PRV)**

Mr. Odachowski:

Industrial Hygiene Consulting, Corp. (IHC) is pleased to provide you this executive summary letter of substantial completion and health and safety clearance for the Hurricane Ian restoration and remediation related work performed at the Skyline Elementary School campus located at 620 SW 19th Street in Cape Coral, Florida. The primary health and safety clearance was performed on October 17, 2022. The post restoration inspection and clearance related work performed by IHC included the following:

- Development of the building restoration / remediation specification and standard operating procedures for the Hurricane Ian recovery effort.
- Perform ongoing monitoring of moisture conditions within the interior of the buildings to ensure the atmospheric conditions were stabilized and controlled to prevent fungal growth throughout the interior of the buildings.
- Perform visual inspection and assessment of the interior of each room within each building to ensure the indoor environmental conditions are visually clean, free of water related odors, free of significant visual water stains, physical water damage and visual fungal growth.
- Collection of air quality bioaerosol samples to verify the indoor environmental conditions are acceptable for the health and safety of all occupants (students and staff) returning to each building.

Conclusions / Summary of Findings

1. The restoration of the previously water impacted and restored portions of the property has met the outlined criteria for acceptance and PASSES the post restoration / remediation verification clearance.
2. The indoor environment of the school buildings are visually clean, free from water related odors, visually free of significant water stains and free from visual fungal growth.
3. The results of the air quality bioaerosol retesting sampling indicated low or normal total airborne fungal counts relative to the outdoor control samples. Additionally, the fungal organism orientation of indoor air genera to the outdoor control sample air genera are similar and there is no significant dominance indoors of undesirable fungal organisms or hydrophilic fungal organisms, such as *Stachybotrys* and *Chaetomium*. See the attached laboratory data as verification of acceptable conditions.
 - The locations that had passing criteria after the PRV retesting were
 - Media center
 - Cafeteria and kitchen
 - Classroom 043.

Recommendations (Remaining Action Items to Complete)

- A. Reclean the rooms and areas that did not pass air quality testing (media center, cafeteria, kitchen and classroom 043). Once recleaned the PRV retesting will be performed.
- B. Continue to manage water intrusion and ceiling tile replacement as necessary.

Standard of Care

Information provided in this document is based upon current and generally recognized scientific and technical understanding of the issues presented. In addition, some causes may be masked or hidden by conditions or activities in the building. As a result, the conclusions and recommendations do not guarantee that all factors have been identified and that all issues will be resolved if the recommendations are implemented. The conclusions and recommendations made in this document are our professional opinion and are based on the observations made and conditions present at the time of the investigation, discussions with individuals involved, and the results of tests and/or measurements performed. Following or implementing the recommendations does not provide complete protection from future building occupant irritation or possible health consequences that may be caused by indoor environmental conditions. No warranty is implied or intended. The report prepared by Consultant and all written documentation created by Consultant are Consultant's work product and protect by US Copyright law (17 USC 101 et seq). Provided Owner is not in material breach of this Agreement and has paid all amounts due to Owner hereunder, Consultant grants to Owner a perpetual license to use the report.

If you have any additional questions or concerns, please do not hesitate to contact me directly at 866-989-5567, ext 1.

Sincerely,

A handwritten signature in black ink that reads "Slade K. Smith". The signature is written in a cursive style and is positioned above the typed name.

Slade K. Smith, RPIH, AIEH, IICRC AMRT Instructor, IICRC Master Restorer
Industrial Hygiene Consulting, Corp. 866-989-5567



EMSL Analytical, Inc.

19501 NE 10th Ave. Bay A N. Miami Beach, FL 33179

Tel/Fax: (305) 650-0577 / (305) 650-0578

<http://www.EMSL.com> / miamilab@emsl.com

EMSL Order: 172205507

Customer ID: AQE63

Customer PO:

Project ID:

Attention: Lab Results

AirQuest Environmental, Inc.

6851 Southwest 45th Street

Fort Lauderdale, FL 33314

Phone: (954) 792-4549

Fax: (954) 792-2221

Collected Date: 10/17/2022

Received Date: 10/17/2022 02:10 PM

Analyzed Date: 10/17/2022

Project: 19571 Skyline Elementary

Test Report: Air-O-Cell™ Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods MICRO-SOP-201, ASTM D7391)

Lab Sample Number: Client Sample ID: Volume (L): Sample Location:	172205507-0001 SE-01 75 Outside Media Center			172205507-0002 SE-02 75 Media Center			172205507-0003 SE-03 75 Outside Classroom 05-043			
	Spore Types	Raw Count	Count/M ³	% of Total	Raw Count	Count/M ³	% of Total	Raw Count	Count/M ³	% of Total
Alternaria (Ulocladium)	-	-	-	-	-	-	-	-	-	-
Ascospores	14	610	16	-	-	-	15	660	12.4	
Aspergillus/Penicillium	16	700	18.3	1	40	80	20	870	16.4	
Basidiospores	14	610	16	1*	10*	20	12	520	9.8	
Bipolaris++	-	-	-	-	-	-	-	-	-	
Chaetomium++	-	-	-	-	-	-	-	-	-	
Cladosporium	37	1600	41.9	-	-	-	69	3000	56.4	
Curvularia	3	100	2.6	-	-	-	4	200	3.8	
Epicoccum	-	-	-	-	-	-	-	-	-	
Fusarium++	-	-	-	-	-	-	-	-	-	
Ganoderma	2	90	2.4	-	-	-	1	40	0.8	
Myxomycetes++	-	-	-	-	-	-	2*	30*	0.6	
Pithomyces++	-	-	-	-	-	-	-	-	-	
Rust	-	-	-	-	-	-	-	-	-	
Scopulariopsis/Microascus	-	-	-	-	-	-	-	-	-	
Stachybotrys/Memnoniella	-	-	-	-	-	-	-	-	-	
Unidentifiable Spores	-	-	-	-	-	-	-	-	-	
Cercospora++	2	90	2.4	-	-	-	-	-	-	
Flocculomyces	1*	10*	0.3	-	-	-	-	-	-	
Nigrospora	-	-	-	-	-	-	-	-	-	
Pyricularia	1*	10*	0.3	-	-	-	-	-	-	
Total Fungi	90	3820	100	2	50	100	123	5320	100	
Hyphal Fragment	1	40	-	-	-	-	2*	30*	-	
Insect Fragment	-	-	-	-	-	-	1*	10*	-	
Pollen	-	-	-	-	-	-	2	90	-	
Analyt. Sensitivity 600x	-	44	-	-	44	-	-	44	-	
Analyt. Sensitivity 300x	-	13*	-	-	13*	-	-	13*	-	
Skin Fragments (1-4)	-	1	-	-	1	-	-	1	-	
Fibrous Particulate (1-4)	-	1	-	-	1	-	-	1	-	
Background (1-5)	-	2	-	-	2	-	-	2	-	

++ Includes other spores with similar morphology; see EMSL's fungal glossary for each specific category.

Kimberly Wallace, Laboratory Manager
or other Approved Signatory

No discernable field blank was submitted with this group of samples.

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. High levels of background particulate can obscure spores and other particulates, leading to underestimation. Background levels of 5 indicate an overloading of background particulates, prohibiting accurate detection and quantification. Present = Spores detected on overloaded samples. Results are not blank corrected unless otherwise noted. The detection limit is equal to one fungal spore, structure, pollen, fiber particle or insect fragment. **** Denotes particles found at 300X. "-" Denotes not detected. Due to method stopping rules, raw counts in excess of 100 are extrapolated based on the percentage analyzed. Skin & Fibrous ratings: 1 (1-25%), 2 (26-50%), 3 (51-75%), 4 (76-100%) of the background particles.

Samples analyzed by EMSL Analytical, Inc. N. Miami Beach, FL AIHA-LAP, LLC-EMLAP Accredited #102813

Initial report from: 10/17/2022 03:51 PM

For information on the fungi listed in this report, please visit the Resources section at www.emsl.com



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Lab Sample Number: Client Sample ID: Volume (L): Sample Location:	172205507-0004 SE-04 75 Classroom 05-043			172205507-0005 SE-05 75 Outside Cafeteria			172205507-0006 SE-06 75 Cafeteria			
	Spore Types	Raw Count	Count/M ³	% of Total	Raw Count	Count/M ³	% of Total	Raw Count	Count/M ³	% of Total
Alternaria (Ulocladium)	-	-	-	-	-	-	-	-	-	-
Ascospores	2	90	24.3	7	300	9.3	-	-	-	-
Aspergillus/Penicillium	5	200	54.1	28	1200	37	7	300	88.2	-
Basidiospores	1	40	10.8	9	400	12.3	-	-	-	-
Bipolaris++	-	-	-	1*	10*	0.3	-	-	-	-
Chaetomium++	-	-	-	-	-	-	-	-	-	-
Cladosporium	1	40	10.8	25	1100	34	3*	40*	11.8	-
Curvularia	-	-	-	2	90	2.8	-	-	-	-
Epicoccum	-	-	-	-	-	-	-	-	-	-
Fusarium++	-	-	-	1*	10*	0.3	-	-	-	-
Ganoderma	-	-	-	1	40	1.2	-	-	-	-
Myxomycetes++	-	-	-	1	40	1.2	-	-	-	-
Pithomyces++	-	-	-	-	-	-	-	-	-	-
Rust	-	-	-	-	-	-	-	-	-	-
Scopulariopsis/Microascus	-	-	-	-	-	-	-	-	-	-
Stachybotrys/Memnoniella	-	-	-	-	-	-	-	-	-	-
Unidentifiable Spores	-	-	-	-	-	-	-	-	-	-
Cercospora++	-	-	-	-	-	-	-	-	-	-
Flocculomyces	-	-	-	-	-	-	-	-	-	-
Nigrospora	-	-	-	1*	10*	0.3	-	-	-	-
Pyricularia	-	-	-	1	40	1.2	-	-	-	-
Total Fungi	9	370	100	77	3240	100	10	340	100	-
Hyphal Fragment	-	-	-	1	40	-	-	-	-	-
Insect Fragment	-	-	-	1	40	-	-	-	-	-
Pollen	-	-	-	1*	10*	-	1*	10*	-	-
Analyt. Sensitivity 600x	-	44	-	-	44	-	-	44	-	-
Analyt. Sensitivity 300x	-	13*	-	-	13*	-	-	13*	-	-
Skin Fragments (1-4)	-	1	-	-	1	-	-	1	-	-
Fibrous Particulate (1-4)	-	1	-	-	1	-	-	1	-	-
Background (1-5)	-	1	-	-	3	-	-	1	-	-

++ Includes other spores with similar morphology; see EMSL's fungal glossary for each specific category.

Kimberly Wallace, Laboratory Manager
or other Approved Signatory

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Lab Sample Number: Client Sample ID: Volume (L): Sample Location:	172205507-0007 SE-07 75 Outside Kitchen			172205507-0008 SE-08 75 Kitchen						
	Spore Types	Raw Count	Count/M³	% of Total	Raw Count	Count/M³	% of Total			
Alternaria (Ulocladium)	2	90	5.9	-	-	-	-	-	-	-
Ascospores	1	40	2.6	1	40	3.5	-	-	-	-
Aspergillus/Penicillium	2	90	5.9	19	830	72.2	-	-	-	-
Basidiospores	3	100	6.6	1	40	3.5	-	-	-	-
Bipolaris++	-	-	-	-	-	-	-	-	-	-
Chaetomium++	-	-	-	-	-	-	-	-	-	-
Cladosporium	20	870	57.2	4	200	17.4	-	-	-	-
Curvularia	3*	40*	2.6	-	-	-	-	-	-	-
Epicoccum	-	-	-	-	-	-	-	-	-	-
Fusarium++	-	-	-	-	-	-	-	-	-	-
Ganoderma	-	-	-	-	-	-	-	-	-	-
Myxomycetes++	4	200	13.2	-	-	-	-	-	-	-
Pithomyces++	-	-	-	-	-	-	-	-	-	-
Rust	-	-	-	-	-	-	-	-	-	-
Scopulariopsis/Microascus	-	-	-	-	-	-	-	-	-	-
Stachybotrys/Memnoniella	-	-	-	-	-	-	-	-	-	-
Unidentifiable Spores	-	-	-	-	-	-	-	-	-	-
Cercospora++	2	90	5.9	-	-	-	-	-	-	-
Flocculomyces	-	-	-	-	-	-	-	-	-	-
Nigrospora	-	-	-	1	40	3.5	-	-	-	-
Pyricularia	-	-	-	-	-	-	-	-	-	-
Total Fungi	37	1520	100	26	1150	100				
Hyphal Fragment	1	40	-	-	-	-	-	-	-	-
Insect Fragment	-	-	-	-	-	-	-	-	-	-
Pollen	1	40	-	-	-	-	-	-	-	-
Analyt. Sensitivity 600x	-	44	-	-	44	-	-	-	-	-
Analyt. Sensitivity 300x	-	13*	-	-	13*	-	-	-	-	-
Skin Fragments (1-4)	-	1	-	-	1	-	-	-	-	-
Fibrous Particulate (1-4)	-	1	-	-	1	-	-	-	-	-
Background (1-5)	-	2	-	-	1	-	-	-	-	-

++ Includes other spores with similar morphology; see EMSL's fungal glossary for each specific category.

Kimberly Wallace, Laboratory Manager
or other Approved Signatory

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AIRQUEST

ENVIRONMENTAL, INC.

6851 SW 45th Street
Fort Lauderdale, Florida 33314

Phone: (954) 792-4549
Fax: (954) 792-2221
Toll Free: (877) 247-8146
Email: labresults@airquestinc.com
TAT: 3 Hr. 6 Hr. 24 Hr. Other

Chain of Custody
Laboratory Sample Submittal Form

172205507

Sample Date: 10/17/22
Project Number: ~~050~~ 19571
Site Address: Skyline Elementary
Collected By: Jim W. Stalder

Bulk Sample Type	
Code	Description
TL	Tape Lift Sample for Fungi
SW	Swab Sample for Fungi
WP	Wipe Sample for Fungi
BP	Bulk Sample for Fungi
BB	Bulk Sample for E. Coli/Total Coliform
Other	
Other	
Other	

Air Sample Type	
Code	Description
AOC	Air/OCell Sample for Fungi & Particulate
AS	N6 Sample for Viable Fungi
ASB	N6 Sample for Bacteria
Other	

Item	Code	Sample Number	Description	Location	Volume/Quantity /Area	Comments
1		SE-01	outdoor - carpet	outside Met. Center	75L	35016226
2		SE-02	indoor breathing zone	Master Center		35016180
3		SE-03	outdoor - carpet	05 - 04 classroom		35016209
4		SE-04	indoor breathing zone	classroom 05-04		35016182
5		SE-05	outdoor - carpet	outside cafeteria		35016204
6		SE-06	indoor breathing zone	cafeteria		35016236
7		SE-07	outdoor - carpet	outside kitchen		35016224
8		SE-08	indoor breathing zone	kitchen		35016199
9						
10						

Relinquished by: [Signature]
Received by: [Signature]
Relinquished by: _____
Received by: _____

Date & Time: 10/17/22 2:10 PM
Date & Time: _____
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Initial: JSW
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USPS:
US:
AOL: