



Environmental Concepts Inc.

1115 Strand Street – Suite 2E, Christiansted, St. Croix, USVI 00820 - 340-771-0550 & 340-778-3221 - encon@mail.com

DVD Construction Inc.
Attn. Mr. Roger Kainth, General Manager
6088 Castle Coakley
Christiansted, St. Croix
US Virgin Islands 00820

September 10, 2025

**Ref: Indoor Air Quality Testing – Building A – Exam and Storage Room
John H Woodson Junior High School – Kingshill, St. Croix**

Dear Mr. Kainth,

It is our pleasure to supply you with the results of the indoor air quality inspection at the above referenced location, performed on September 7, 2025, by Maxcess Armantrading. Two (2) air samples inside the building, one (1) reference sample outside were analyzed. All air samples were taken using Air O'Cell Impact cassettes. All air and bulk samples were analyzed by EMSL Analytical Laboratories in Cinnaminson, New Jersey. The fungal spores and other airborne particulates samples were analyzed using optical microscopy.

Total mold spore measurements in the outside environment in the US Virgin Islands, under normal conditions show total counts from 60 under very dry conditions to 920 counts per cubic meter under humid conditions in the rainy season. Total mold spore counts below these counts can be considered within normal limits for reasonable indoor air quality in offices/schools for the US Virgin Islands. The total outside spore count was sample number 3, with a total spore count of 1,250 c/m³, of which Cladosporium was the predominant mold spore. Normal outside mold spores counts and their ranges, as detected in the US Virgin Islands in the outside air, during the year at various uncontaminated locations:

Aspergillus/Penicillium	0 - 200 counts/M3
Alternaria	0 - 100 counts/M3
Cladosporium	0 - 100 counts/M3
Curvularia	0 - 50 counts/M3

The sample results can be found in the enclosed laboratory reports, but a brief summary of the results follows:

**No indoor air quality (IAQ) problems were detected
in any of the Indoor Air Quality samples analyzed**



“INTEGRITY IN INDOOR AIR QUALITY”

Servicing the US Virgin Islands for over 25 years

ENCON is a registered trademark in the U.S. Patent and Trademark Office



Recommendations:

All areas tested in Building A of the John H Woodson Junior High School showed spore counts, well below acceptable levels. Maintain the school building through normal janitorial cleaning and frequent air filter changes in the A/C units to keep the indoor air quality within normal limits.

We thank you for giving us the opportunity to perform this indoor air quality inspection for you and if you have any questions concerning this or any other environmental issue, please do not hesitate to contact us at 771-0550 or 778-3221.

Sincerely,

Dr. John Verstraaten, president

John Verstraaten, Ph.D., CMRS
Certified Microbial Remediation Specialist





EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077
Tel/Fax: (800) 220-3675 / (856) 786-0262
<http://www.EMSL.com / cinmicrolab@emsl.com>

EMSL Order: 372514681

Customer ID: EC150A

Customer PO:

Project ID:

Attention: Florida Office

Environmental Concepts, Inc. (ENCON)

1115 Strand Street - Suite 2E

Christiansted, St. Croix, 00820

Phone: (340) 771-0550

Fax: (815) 550-1134

Collected Date: 09/07/2025

Received Date: 09/09/2025 01:45 PM

Analyzed Date: 09/10/2025

Project: John H Woodson Junior High School - A Building

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:	372514681-0001 1 75 Exam Room			372514681-0002 2 75 Storage Room			372514681-0003 3 75 Outside		
	Raw Count†	Count/m³	% of Total	Raw Count†	Count/m³	% of Total	Raw Count†	Count/m³	% of Total
Spore Types									
Alternaria (Ulocladium)	-	-	-	-	-	-	-	-	-
Ascospores	-	-	-	-	-	-	3	100	8
Aspergillus/Penicillium++	-	-	-	8	400	66.7	-	-	-
Basidiospores	-	-	-	1	40	6.7	1	40	3.2
Bipolaris++	-	-	-	-	-	-	-	-	-
Chaetomium++	-	-	-	-	-	-	-	-	-
Cladosporium	4	200	100	1	40	6.7	10	440	35.2
Curvularia	-	-	-	-	-	-	3	100	8
Epicoccum	-	-	-	-	-	-	-	-	-
Fusarium++	-	-	-	-	-	-	-	-	-
Ganoderma	-	-	-	-	-	-	-	-	-
Myxomycetes++	-	-	-	3	100	16.7	1	40	3.2
Pithomyces++	-	-	-	-	-	-	-	-	-
Rust	-	-	-	-	-	-	-	-	-
Scopulariopsis/Microascus	-	-	-	-	-	-	-	-	-
Stachybotrys/Memnoniella	-	-	-	-	-	-	-	-	-
Unidentifiable Spores	-	-	-	1	10*	1.7	12	530	42.4
Zygomycetes	-	-	-	-	-	-	-	-	-
Spegazzinia	-	-	-	1	10*	1.7	-	-	-
Total Fungi	4	200	100	15	600	100	30	1250	100
Hyphal Fragment	-	-	-	1	10*	-	-	-	-
Insect Fragment	-	-	-	-	-	-	1	10*	-
Pollen	-	-	-	-	-	-	1	40	-
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	-	-	1	-	-	1	-

† Due to method stopping rules, extrapolated raw counts are reported in parenthesis.

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

Liz Hagenbuch, M.S., Microbiology Manager
or other Approved Signatory

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

EMSL Analytical, Inc. 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 Analytical, Inc. EMSL Analytical, Inc. 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. Skin Fragment and Fibrous Particulate ratings are based on the percent of non-fungal material they represent: 1 (1-25%), 2 (26-50%), 3 (51-75%), or 4 (76-100%). Background ratings are based on the total area covered by non-fungal particles: 1 (1-25%), 2 (26-50%), 3 (51-75%), 4 (76-99%), or 5 (100%; overloaded). 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 >= 100 are extrapolated based on the percentage analyzed.

Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ AIHA LAP, LLC-EMLAP Accredited #100194

Initial report from: 09/10/2025 12:42 PM

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



Environmental Concepts Inc.

1115 Strand Street – Suite 2E, Christiansted, St. Croix, USVI 00820 - 340-771-0550 & 340-778-3221 - encon@mail.com

Chain of Custody / Analysis Request Form

Project Name: John H Woodson Junior High School - A Building **Page:** 1 of 1

Address: Rural Route 1 – St. Croix, US Virgin Islands 00850

Date: September 7, 2025

Name of inspector: Maxcess Armantrading

O Mold and Fungi by Air O' Cell Cassette

Nbr	Description Location		
1	Exam Room Flow = 15 L/min	10.20 AM 10.25 AM	75 L
2	Storage Room Flow = 15 L/min	10.29 AM 10.34 AM	75 L
3	Outside Flow = 15 L/min	10.39 AM 10.44 AM	75 L

2025 SEP - 9 11 P 1:48
RECEIVED
EMSL
CINNAMINSON, NJ

TAT: 24 hours

Delivery Method: US Mail - Express

Send Results to: Florida Office

Billing to Florida Office

Email: encon@mail.com

EMSL Analytical
200 Route 130 North
CINNAMINSON, NJ08077

Maxcess Armantrading
Maxcess Armantrading

Rec'd by: Angie O'Neil USPS
9/9/25 1345



"INTEGRITY IN INDOOR AIR QUALITY"

Serving the Virgin Islands for over 25 years

ENCON is a registered trademark in the U.S. Patent and Trademark Office

(3) AD