

### Joseph Fuller <jay\_fuller@abss.k12.nc.us>

## FW: Invoice 1559 from A.L.I.S. Environmental, Inc.

1 message

Jim McManus <jmcmanus@alisenvironmental.com>
Reply-To: JMcManus@alisenvironmental.com

Fri, Nov 23, 2018 at 2:12 PM

To: Joseph Fuller <jay fuller@abss.k12.nc.us>, Todd Thorpe <todd thorpe@abss.k12.nc.us>

Jay, Todd,

Please find the attached report and invoice for Newlin ES airborne fungal testing. Please look it over and call me if you have any questions. I will check my schedule and call you regarding availability for the Eastern HS testing.

Respectfully,

James P. McManus, VP

ALIS Environmental, Inc.

P.O. Box 6

Pinnacle, NC 27043

Off: 336.368.4500

Mobile: 336.575.2343

From: Debi McManus < Debi.McManus@ALISEnvironmental.com >

Sent: Friday, November 23, 2018 12:25 PM To: jmcmanus@alisenvironmental.com

Subject: Invoice 1559 from A.L.I.S. Environmental, Inc.

Invoice Due:11/23/2018

1559

Amount Due: \$1,800.00

Dear Jay:

Your invoice is attached. Please remit payment at your earliest convenience.

Thank you for your business - we appreciate it very much.

Sincerely,

Jim

A.L.I.S. Environmental, Inc.

### 2 attachments

Inv\_1559\_from\_A.L.I.S.\_Environmental\_Inc.\_13732.pdf

**201-1811-02 Newlin final.pdf** 1504K



## **Invoice**

DATE	INVOICE#
11/23/2018	1559

Alamance-Burlington School System Jay Fuller 307 Prison Camp Road Graham, NC 27253

PROJECT LOCATION	÷

Harvey R Newlin ES 316 Carden Street Burlington, NC

CLIENT PROJECT ID # / P.O. #

PROJECT NAME	PROJECT#	TERMS	DUE DATE
IAQ:Airborne Mold Testing	201-1811-02	Due on receipt	11/23/2018

PROJECT DATE(S)	DESCRIPTION	# of DAYS / QTY	RATE	AMOUNT
11/10/2018	Airborne Mold Testing/Building-Wide Sampling and Reporting Time	2	450.00	900.00
11/10/2018	Lab Charges / Sample Analysis	18	50.00	900.00
	*			
	•			
		-		

A late charge of 1.5% (18% APR) will be added each month to all invoices 30 days past due.

**Total** 

\$1,800.00



Office: 336.368.4500 Mobile: 336.575.2343 jmcmanus@alisenvironmental.com

November 21, 2018

Jay Fuller
Director of Facilities and Maintenance

Alamance-Burlington School System 307 Prison Camp Road Graham, North Carolina 27253

Subject:

Report of Airborne Microbial Sampling

Harvey R. Newlin Elementary School

316 Cardin Street

Burlington, North Carolina 27215

Project No.: 201-1811-02

### Dear Mr. Fuller:

ALIS has completed our airborne microbial sampling at Harvey R. Newlin Elementary School in Burlington, North Carolina. On November 10, 2018, we conducted air sampling for the presence of airborne fungi at the subject property. The purpose of our sampling was to determine the presence and species of airborne fungi and the degree of concentration within the complaint and non-complaint areas of the building. Air sampling pumps were calibrated and placed in the following locations: 1st floor classrooms 102, 108, 115, 109, 105 General Office, 302-Library, 305 and Cafeteria, 2nd floor rooms 200, 208, 207, 213, 216 and reading room. Two samples were collected from outside the building as a reference for comparison to the inside conditions. Musty odors were not detected in the sampled rooms. Temperature and relative humidity measurements collected from each indoor sampled area indicated lower 70° F and lower 40% RH.

### Results

There are no indications that abnormal conditions exist within the sampled locations. The laboratory results show no elevated levels of indoor airborne fungi when compared to levels found on the outside sample except room 200. One spore belonging to the Chaetomium species was detected in room 200 which, when calculated, results in 7 spores per cubic meter of air collected. Potted plants and/or aquariums located in the immediate environment can be a viable food source and a natural habitat for this species. Sample results are attached to this report: "Spore Trap Analysis"

### Sampling Methodology

Non-viable samples were collected with a spore trap slide using Allergenco-D Cassettes mounted to a sampling pump. The cassettes contain glass slides that are coated with a sticky substance that captures airborne

particulates that impinge on the slides. The air samples were collected at 15 liters per minute for 10 minutes. Calibration of sampling equipment was performed with a precision rotameter (a secondary calibration source). Rotameters are calibrated against a primary standard. Field calibration was performed before and after sampling. The air samples were sealed for transport to Hayes Microbial Consulting in Midlothian, Virginia for analysis. Hayes Microbial is a participant in the American Industrial Hygiene Association, Laboratory Accreditation Program (AIHA-LAP) for Environmental Microbiology.

### **Background Information on Mold in Buildings**

Mold spores exist normally in outdoor and indoor air and can be measured in air and carpets of normal homes, office buildings, hospitals and schools. Naturally occurring sources of mold spores include soil, plants and other sources. The air concentration of these normally occurring mold spores is dependent on the season, environmental conditions and other factors. Elevated levels of mold in building materials may occur if chronic moist conditions from water leaks, floods, chronic high relative humidity, or malfunctioning heating, ventilation or air conditioning systems, allow moisture to remain for prolonged periods on organic matter in the presence of warm ambient temperatures. Under these conditions, low levels of fungal spores in air, plants or other sources, may proliferate on cellulose containing materials such as carpets, wallboard, wood, paper or dusty surfaces (which may serve as a food source), and result in mold contamination. Many fungal spores are allergenic to susceptible persons exposed, though individual susceptibility varies greatly. There is no practical way to eliminate all mold and mold spores in the indoor environment; the way to control indoor mold growth is to control moisture.

ALIS appreciates the opportunity to be of service to you on this project. We would welcome the opportunity to discuss at your convenience, any of the results contained in this report. Please contact us if you have any questions or if we may be of further service.

Sincerely,

ALIS ENVIRONMENTAL, INC.

James & Mi Hanes

James P. McManus Vice-President

Attachment: "Spore Trap Analysis"



contact@hayesmicrobial.com http://hayesmicrobial.com/

Analysis Report prepared for

## ALIS Environmental Inc.

1027 Koontz Haven Rd Pinnacle, NC. 27043

Phone: (336) 368-4500

Job Number: 201-1811-02

Job Name: Harvey Newlin Elementary School

316 Carden St.

**Burlington, NC** 

Date Sampled: 11-10-2018
Date Analyzed: 11-13-2018
Report Date: 11-13-2018

EPA Laboratory ID# VA01419







AIHA EMPAT Lab ID# 188863

Mold License: LAB1021

License: #PH-0198



ALIS Environmental Inc. 1027 Koontz Haven Rd Pinnacie, NC 27043

November 13, 2018

Client Job Number:

201-1811-02

Harvey Newlin Elementary School 316 Carden St.

Burlington, NC

Dear ALIS Environmental Inc.,

referenced above. 18 samples were received in good condition. We would like to thank you for trusting Hayes Microbial for your analytical needs. On November 13, 2018 we received 18 samples by FedEx for the job

may not be duplicated, except in full, without the written consent of Hayes Microbial Consulting, LLC. The results in this analysis pertain only to this job, collected on the stated date and should not be used in the interpretation of any other job. This report

This laboratory bears no responsibility for sample collection activities, analytical method limitations, or your use of the test results. Interpretation and use of test results are your responsibility. Any reference to health effects or interpretation of mold levels is strictly the opinion of Hayes Microbial Consulting. In no event, shall Hayes Microbial Consulting or any of its employees be liable for lost profits or any special, incidental or consequential damages arising out of your use of the test results

Steve Hayes, BSMT(ASCP)

Laboratory Director

Hayes Microbial Consulting, LLC

about M. Hoyes



1027 Koontz Haven Rd Pinnacle, NC 27043 ALIS Environmental Inc.

Phone: (336) 368-4500

Spore Trap Analysis
SOP #HMC101

**HMC #18042452** 

16 107 3 20 Significantly Higher than Subside Air Ratto Abnormality				Outside Air	.7 1647 Slightly Higher than Outside Air	247	Mergen	1895 Common Allergen	284	Total  Water Damage Indicator
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Harvey Newlin Elementary School  316 Carden St.  Burlington, NC  Date Collected: Date Received: Date Reported:	entary School	entary S	\$	Newlin Ele den St. ton, NC		Job Name:		201-1811-02 Jim McManus Imcmanus@alisenvironmental.com	02 nus @alisenviro	Job Number: 201-1811-02 Collected by: Jim McManus Email: jmcmanus@a
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Signature:

P. Ramash

11/13/2018

Date:

Reviewed by:

Stephen M. Hoyes

Date:



Spore Trap Analysis
SOP #HMC101

HMC #18042452

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Aspergillus/Penicillium			8.0%	3	20	33.3%						
Basidiospores	10	67	77.0%	5	33	55.0%	1	7	25.0%	_	7	21.2%
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Cladosporium												
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Fusaniam	P. 190											
Memnoniella	1											
Myxomycetes							_	7	25.0%	2	13	39.4%
Pestalotiopsis									-			
Pithomyces												
Stachybotrys												
Stemphylium												
Torula			5									
Ulocladium												
Total	13	87		9	60		4	28		ڻ.	33	
Water/Damage Indicator	itor	Common Allergen	Allergen	Si	Slightly Higher than Outside Air	Outside Air	Significa	Significantly Higher than Obtaide Air	Outside Air		Ratio Abnormality	

Signature:

P. Ramesh

11/13/2018

Date:

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Reviewed by:

Stephen M. Hoyes

11/13/2018

Date:



Spore Trap Analysis
SOP #HMC101

HMC #18042452

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co c	11/13/2018	Date Reported:	Dat			Burlington, NC	Burling			mcmanus@alisenvironmental.com	@alisenviro		Email:
- 00	11/10/2018	Date Collected:	Dat	nool	narvey Newlin Elementary School	316 Carden St		Job Name:				ed by: Jim McManus	Collected by:
						2					3	N. Call	2

Signature:

P. Ramesh

11/13/2018

Date:

Reviewed by:

Stephen M. Abyes

Date:



Spore Trap Analysis
SOP #HMC101

HMC #18042452

	ฉ			Job Name:		Newlin El	Harvey Newlin Elementary School	hool	Dat	Date Collected:	11/10/2018	
Email: Jmcmanus@a	nus @alisenviro	Jim McManus mcmanus@alisenvironmental.com			316 Ca	316 Carden St.			D D	Date Received:	11/13/2018	
HMC ID Number	The state of the s	18042452 - 13			8042452 - 14			18042452 - 15		46	19040450 46	
Sample ID#		2127218			2127210			2127215			2127200	
Sample Name	Roc	Room 200 - 2nd Floor		Ro	Room 208 - 2nd Floor		Ro	Room 207 - 2nd Floor		Roo	Room 213 - 2nd Floor	
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Ascospores		7	6.5%	3								10.0%
Aspergillus Penicillium	8	53	49.5%	Y								
Basidiospores	5	33	30.8%	4	27	> 99%	_	7	35.0%	3	20	58.8%
Bipolaris Drechslera											ļ	
Спаекоппівн		K . B. C. Buck	6.5%									
Cladosporium	1											
Curvilaria						,						
Epicogerum		, .										
Fusarium												
Memnoniella	ż											
Myxomycetes	1	7	6.5%				2	13	65.0%	1	7	20 6%
Pestalotiopsis												10.0
Pithomycas												
Stachybotrys												
Stemphylium							-					
Torula												
Ulocladium												
Total	16	107		4	27		3	20		5	34	
Water Damage Indicator		Common Allergen	llergen	Sig	Slightly Higher than Outside Air	Outside Air	Significa	Significantly Higher than Obiside Air	Outside Air	Ra	Ratio Abnormality	
										The state of the s		

Signature:

P. Ramesh

11/13/2018

Date:

Reviewed by:

Stylen N. Hoyes

Date:



Spore Trap Analysis
SOP #HMC101

HMC #18042452

Ratio Abnormality	A Company	Significantly Higher fram Obtaide Air	Outside Air	Slightly Higher than Outside Air	Sig	Mergen	Common Allergen		Water Damage Indicator
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							7.	1.00	Aspergillus Penicillium
					40	50.0%	7		Ascospores
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		City							
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				2127205			2127208	4 2	Sample ID#
				18042452 - 18	_		18042452 - 17	Participa Brate	HMC ID Number
11/13/2018 11/13/2018	Date Received:  Date Reported:	Da	Burlington, NC	Burlington, NC			mcmanus@allsenvironmental.com	@alisenviro	
11/10/2018	Date Collected:	School	Harvey Newlin Elementary		Job Name:				Collected by: I'm McManie
							S STATE OF S	And the state of t	Mary Mary

Signature:

Date:

11/13/2018

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Reviewed by:

Stylin N. Hoyes

Date:



ALIS Environmental Inc. 1027 Koontz Haven Rd Phone: (336) 368-4500 Pinnacle, NC 27043

**Spore Trap Information** 

## HMC #18042452

Reporting Limit	The Reporting Limit is the lowest number of spores that can be detected based on the total volume of the sample collected and the percentage of the slide that is counted. At Hayes Microbial, 100% of the slide is read so the LOD is based solely on the total volume. Raw spore counts that exceed 500 spores will be estimated.
Blanks	Results have not been corrected for field or laboratory blanks.
Background	The Background is the amount of debris that is present in the sample. This debris consists of skin cells, dirt, dust, pollen, drywall dust and other organic and non-organic matter. As the background density increases, the likelihood of spores, especially small spores such as those of Aspergillus and Penicillium may be obscured. The background is rated on a scale of 1 to 4 and each level is determined as follows:  ND: No background detected. (Pump or cassette malfunction.) Recollect sample.  1: <5% of field occluded. No spores will be uncountable.  2: 5-25% of field occluded.  3: 25-75% of field occluded.  4: 75-90% of field occluded. Suggest recollection of sample.
Fragments	Fragments are small pieces of fungal mycelium or spores. They are not identifiable as to type and when present in very large numbers, may indicate the presence of mold amplification.
Indoor/Outdoor Comparisons	There are no national standards for the numbers of fungal spores that may be present in the indoor environment. As a general rule and guideline that is widely accepted in the indoor air quality field, the numbers and types of spores that are present in the indoor environment should not exceed those that are present outdoors at any given time. There will always be some mold spores present in "normal" indoor environments. The purpose of sampling and counting spores is to help determine whether an abnormal condition exists within the indoor environment and if it does, to help pinpoint the area of contamination. Spore counts should not be used as the sole determining factor of mold contamination. There are many factors that can cause anomalies in the comparison of indoor and outdoor samples due to the dynamic nature of both of those environments.
Water Damage Indicators Common Allergens Slightly Higher than Outside Air Significently Higher than Outside Air Ratio Abnormality	These molds are commonly seen in conditions of prolonged water intrusion and usually indicate a problem.  Although all molds are potential allergens, these are the most common allergens that may be found indoors.  Outside Air The spore count is slightly higher than the outside count and may or may not indicate a source of contamination.  The spore count is significantly higher than the outdoor count and probably indicates a source of contamination.  The types of spores found indoors should be similar to the ones that were identified in the outdoor sample. Significant increases (more than 25%) in the ratio of a particular spore type may indicate the presence of abnormal levels of mold, even if the total number of spores of that type is lower in the indoor environment than it was outdoors.
Color Note	Fungi that are present in indoor samples at levels lower than 200 per cubic meter are not color coded on the report, unless they are one of the water damage indicators.



**Organism Descriptions** 

HMC #18042452

## Alternaria

Habitat: Commonly found outdoors in soil and decaying plants. Indoors, it is commonly found on window sills and other horizontal surfaces

Health Effects: A common allergen and has been associated with hypersensitivity pneumonitis. Alternaria is capable of producing toxic metabolites which may be associated with disease in humans or animals. Occasionally an agent of onychomycosis, ulcerated cutaneous infection and chronic

sinusitis, principally in the immunocompromised patient.

## Ascospores

Habitat: A large group consisting of more than 3000 species of fungi. Common plant pathogens and outdoor numbers become very high following rain. Most of the genera are indistinguishable by spore trap analysis and are combined on the report.

Health Effects: Health affects are poorly studied, but many are likely to be allergenic.

## **Aspergillus**|Penicillium

Habitat: The most common fungi isolated from the environment. Very common in soil and on decaying plant material. Are able to grow well indoors on a wide variety of substrates.

Health Effects: This group contains common allergens and many can cause hypersensitivity pneumonitis. They may cause extrinsic asthma, and many are opportunistic pathogens. Many species produce mycotoxins which may be associated with disease in humans and other animals. production is dependent on the species, the food source, competition with other organisms, and other environmental conditions.

## Basidiospores

Habitat: A common group of Fungi that includes the mushrooms and bracket fungi. They are saprophytes and plant pathogens. In wet conditions they can cause structural damage to buildings.

Health Effects: Common allergens and are also associated with hypersensitivity pneumonitis.

## Bipolaris|Drechslera

Habitat: They are found in soil and as plant pathogens. Can grow indoors on a variety of substrates.

Health Effects: They may be allergenic and are very commonly involved in allergic fungal sinusitis. They are opportunistic pathogens but occasionally infect healthy individuals, causing keratitis, sinusitis and osteomyelitis

## Chaetomium

Habitat: Ascomycete fungus, commonly isolated from soil and decaying plant materials. It is cellulolytic and grows well indoors on damp sheetrock and other paper substrates. It is often found growing with Stachybotrys.

Health Effects: It is reported to be allergenic and may produce toxins.

## Cladosporium

Habitat: One of the most common genera worldwide. Found in soil and plant debris and on the leaf surfaces of living plants. The outdoor numbers afternoon and evening. Indoors, it can be found growing on textiles, wood, sheetrock, moist window sills and in HVAC supply ducts. are lower in the winter and often relatively high in the summer, especially in high humidity. The outdoor numbers often spike in the late

Health Effects: A common allergen, producing more than 10 allergenic antigens and a common cause of hypersensitivity pneumonitis

Phone: (336) 368-4500

HMC #18042452

## Curvularia

Habitat: They exist in soil and plant debris, and are plant pathogens.

Health Effects: They are allergenic and a common cause of allergic fungal sinusitis. An occasional cause of human infection, including keratitis, sinusitis, onychomycosis, mycetoma, pneumonia, endocarditis and desseminated infection, primarily in the immunocompromised.

## Myxomycetes

Habitat: Found on decaying plant material and as a plant pathogen.

Health Effects: Some allergenic properties reported, but generally pose no health concerns to humans.

## Pestalotiopsis

Habitat: Found in soil and occasionally on plants. Some species can break down plastics.

Health Effects: No known health effects. Allergenic properties are poorly studied.



Collected by: Job Number:

Jim McManus 201-1811-02

Email:

Phone: (336) 368-4500 Pinnacle, NC 27043 1027 Koontz Haven Rd ALIS Environmental Inc.

Job Name:

Harvey Newlin Elementary School 316 Carden St.

Date Collected: **HMC #18042452** 

Date Reported: Date Received:

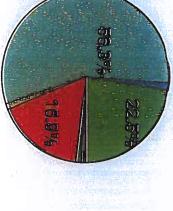
> 11/13/2018 11/10/2018

11/13/2018

## mcmanus@allsenvironmental.com **Burlington, NC**

# **Organism Percentages For Each Sample**

# Outside Building/Pre-K 1st Floor



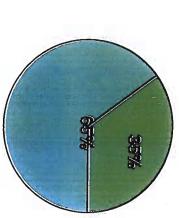
Outside Bldg/Cafeteria



**Room 108** 

**Room 102** 

2周.2%



Basidiospores Aspergillus Penicillium Sipolaris Drechs era Ascospores Cladosporium

Pestalotiopsis

Myxomycetes

Curvularia



Collected by: Job Number:

Jim McManus

mcmanus@alisenvironmental.com

201-1811-02

1027 Koontz Haven Rd Pinnacie, NC 27043 ALIS Environmental Inc.

Phone: (336) 368-4500 Job Name: Harvey Newlin Elementary School 316 Carden St.

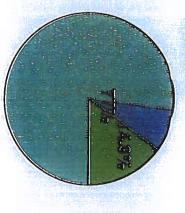
**Burlington, NC** 

Date Collected:
Date Received: **HMC #18042452** 11/10/2018 11/13/2018 11/13/2018

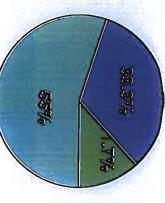
Date Reported

# **Organism Percentages For Each Sample**

## **Room 115**



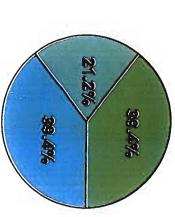
**Room 109** 



## General Office

Room 105

25%



**Pestalotiopsis** Aspergillus | Penicillium Wyxomycetes Cladosporium Spoars Drechs eta Basidiospores Ascospores Curvularia



Email: Collected by:

> > 1027 Koontz Haven Rd ALIS Environmental Inc. Pinnacle, NC 27043 Phone: (336) 368-4500

**HMC #18042452** 

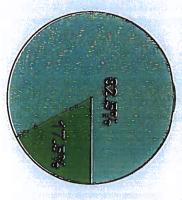
Date Collected:
Date Received:
Date Reported:

11/10/2018 11/13/2018 11/13/2018

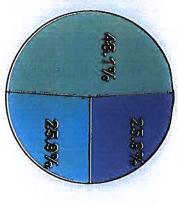
Job Name: Harvey Newlin Elementary School 316 Carden St. Burlington, NC
Harvey Newlin Elementary S 316 Carden St. Burlington, NC
<b>3</b> 70

# Organism Percentages For Each Sample

## Room 302 Library



**Room 305** 



Blank

Aspergillus | Penicillium Ascospores

Basidiospores

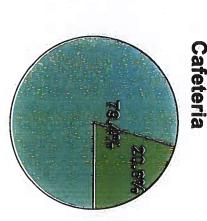
Dipolaris Drechs Gra

Cladosporium

Curvularia

Myxomycetes

Pestalotiopsis





Jim McManus 201-1811-02

> ALIS Environmental Inc. Phone: (336) 368-4500 Pinnacle, NC 27043 1027 Koontz Haven Rd

Date Collected:
Date Received: HMC #18042452 11/10/2018 11/13/2018

Date Reported:

11/13/2018

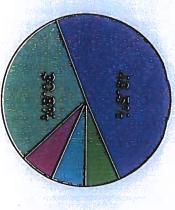
## mcmanus@allsenvironmental.com Harvey Newlin Elementary School 316 Carden St. Burlington, NC

Job Name:

# Organism Percentages For Each Sample

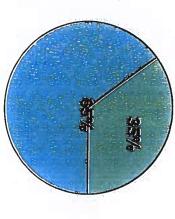
Room 208 - 2nd Floor

## Room 200 - 2nd Floor

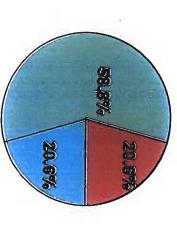


100%

## Room 207 - 2nd Floor



Room 213 - 2nd Floor



## Alternaria

**Ascospores** 

Aspergillus Penicillium

**Basidiospores** 

Boolaris Drechs era Chaetomium

Cladosporium

Myxomycetes Curvularia

**Pestalotiopsis** 



Job Number: Collected by:

Jim McManus

201-1811-02

ALIS Environmental Inc. 1027 Koontz Haven Rd Pinnacle, NC 27043 Phone: (336) 368-4500

HMC #18042452

Date Collected: 11/10/2018

Date Received: 11/13/2018

Date Reported:

11/13/2018

mcmanus@alisenvironmental.com **Burlington, NC** 

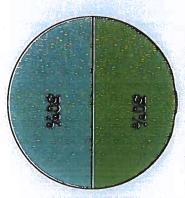
Job Name:

Harvey Newlin Elementary School

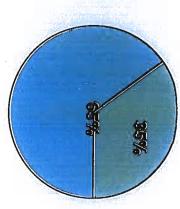
316 Carden St.

# Organism Percentages For Each Sample

## Room 216 - 2nd Floor







Alternaria

Ascospores

Aspergillus|Penicillium

Bipolaris Drechs era

Chaetomium

Cladosporium

Curvularia Myxomycetes

**Pestalotiopsis** 

Job Number: Collected by:

Jim McManus 201-1811-02

jmcmanus@alisenvironmental.com

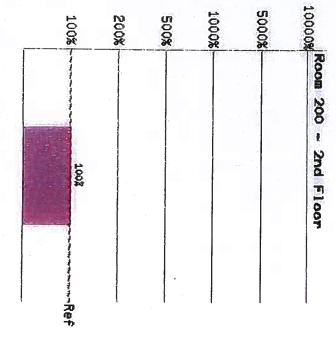
Graph Addendum

Phone: (336) 368-4500 Pinnacie, NC 27043 Job Name: Harvey Newlin Elementary School 316 Carden St.
Burlington, NC

Date Collected:
Date Received:
Date Reported: HMC #18042452 11/10/2018 11/13/2018

11/13/2018

# Indoor Samples Compared to Outdoor Reference



Legend (100% = Outdoor Reference) Chaetomium



Chain of Custody 3005 East Boundary Terrace / Suite F Midlothian, VA 23112

Ph. 804.552-3435 Fax 804-447-5562

042452 HMC Report #

													<					E LA LA					P. Cont.	3			galvilandi.				
Notes:	Dust Mite		Mari N. september 1	Culture		DirectilD		Spore Trap	Analysis Type	\$ 12			2760770	2127216	1760754	2060768	2760766	2760 816	27/00776	2760807	2760775	2760618	できなった。	2760765	Sample #	Ph.: 336.575.2343	Pinnacle, NC 27043	ALIS Elivitoninemai, ne			
i c	A7	C3	02	C1	D.	0	St	co					Blank	CAFETERIA	ROOM	Zoom 3	GENERA	13.00M	1200 m	200m	1201M	ROOM	CHT - Dr. C	OUTS DE		5	Pinnacie, NC 27043	Juliental, III			
	Semi-quantitive analysis of dust mile allergen	Identification & Enumeration of Mold and Bacteria	Identification & Enumeration of Bacteria only	Identification & Enumeration of Mold only	ID and Enumeration with spore count	I. & E of Fungal Spores + total dander fiber and pollen count     ID and Semi-quantitative enumeration of spores and mycelium	Identification & Enumeration of Fungal Spores	Description			PAGE 1 OF 2			305	ROOM 302 - Laray	GENCIEN OFFICE	71C'S	109	II.S	08	102	BLDG / CATERIA	BUILDING /	Sample Name	Tax						
	dust mile allergen	n of Mold and Bacteria	n of Mold any n of Bacleria only	pore count	umeration of spores and n	tal dander liber and pollen	n of Fungal Spores															N. A.	PRE-14 185 17		Burli	Job Name: Harve					
					усейил	COURT										-	ie ie								,			Tools	2	Burlington, NC	Harvey Newlin
)									Turr				<b>ć</b>							Carrenter			5	S	Analysis Type		Harvey Newlin Elementary School 316 Carden St.				
_	24 hours	7 days	4 days	7 days	24 hours	24 hours	24 hours	24 hours	Turn Around Time					150	150	150	150	150	150	150	150	130 LTR	150000	150 LTR	Volume		y School				
7 2	Bulk Dust	Anderson Air Plate, Swab; Bulk	Anderson Air Plate, Swab, Bulk	Anderson Air Plate, Swab, Bulk	Tape, Bio-tape, swab, bulk, agar plate for ID only Tape, Bio-tape, swab, bulk, agar plate for ID only Anderson Air Plate, Swab, Bulk	Tape, Bio-tape, s	Spore Trap casse	Spore Trap casse	Acceptable	,								1						5241 BH	Turn Around Time	Email: intemant	Collected by:				
		te, Swab; Bulk	ie, Swab, Bulk	te, Swab, Bulk		Spore Trap casselles: Impact slides	Spore Trap cassettes, impaci sides	Acceptable Samples Types				about p	12:03/12:13	12:14 /12:24	12:07/12:07	11:58 /12:05	11.50/12:00	11:41/n:51	11:34/11:44	11:20:/11:30	wie hiras	12:14 / 12:26	12:22/12:32	Start / Stop Time	Email: jmcmanus@alisenvironmental.com	J. Michanus	i de la companya de l				



T

Chain of Custody
3005 East Boundary Terrace / Suite F
Midlothian, VA 23112

Ph. 804.562.3435 Fax. 804-447-5562

HMC Report #

Notes:	Dust Mite			Culture		Direct ID		Spore Trap	Analysis Type									2/27205	2/27208	2127209	2/272/5	2127210	2127218	Sample#	Ph. 336.575.2343	Pinnacle, NC 27043	1057 Kanasa Damas Ba
Lord Lord	A1  Semi-quantitive analysis of dust mite allergen	L	C2 Identification & Enumeration of Bacteria only	C1 Identification & Enumeration of Mold only		D ID and Semi-quantitative e	e	17	L		v					PAGE 2		Reading Room	Room 216	Room 213	Room 207	Ream 208	Room ZOD	Sample Name	Fax:	20	
	foust mite allergen	on of Mold and Bacteria	on of Bacteria only	on of Mold anly	pore count	ID and Semi-quantitative enumeration of spores and mycelium	i & E of Fungal Spores + total dander. fiber and pollen count	on of Fungal Spores						The Control of the Co	Service Company of the Company of th	10 P	Towns of the second					and the second designs of the second design o	23 Floor	<ul> <li>The Notice of the specific of the state of t</li></ul>	Burlington, NC	Job Name: Harvey Newlin	
6	24	7	4	7	24	¥ 24	24	24	Turn Ar	9												1	5	Analysis Type	ic	Harvey Newlin Elementary School 316 Carden St.	
7	24 hours	7 days	4 days	7 days	24 hours	24 hours	24 hours	24 hours	Turn Around Time			-	-	-		2 /		Souters	150 Liters	150 Liter	50 Lugar	50 Liker	150 Liters	Volume		thoat	
	Bulk Dust	Anderson Air Plate, Swab, Bulk	Anderson Air Plate, Swab, Bulk	Anderson Air Plate, Swab, Bulk	Tape. Big-tape. 5W	Tape, Bio-tape sw	Spore Trap cassettes, Impact slides	Spore Trap cassettes, Impact slides	Acceptable S					-1			- 1 CM - 1	Barrier and American Control of the			general designation of the second sec	· ·	49.4RS	Turn Around Time	Email: Imemanus	Collected by: D	
		Swab. Bulk	Swab Bulk	Swab Bulk	Tape Bio-lape swab bulk, agar plate for ID only	Tape, Bio-tape swab, bulk, agar plate for ID only	es, Impact slides	es. Impact slides	Acceptable Samples Types								Total Committee of the	11 35/11.45	11:32 / 11:42	1130/1140	11-16/11/26	11.13 / 11. 23	11:10 /11:20	Start / Stop Time	email: memanus@alisenvironmental.com	MEMANUS	
					1				1			-		and me	Cuapecher			72.5 93.9	76,7	77.2 40.1	76.3 4.2	45B 4.39	1.683 CO.8	Temp ex			L



Joseph Fuller <jay\_fuller@abss.k12.nc.us>

### Fwd: Just FYI

4 messages

Todd Thorpe <todd\_thorpe@abss.k12.nc.us>

Wed, Oct 31, 2018 at 8:20 PM

To: William Perry <william\_perry@abss.k12.nc.us>, Joseph Fuller <jay\_fuller@abss.k12.nc.us>

Cc: Jean Maness <jean\_maness@abss.k12.nc.us>

William please check the air quality in the room

Jay have our HVAC guys check this room out again. If they dont fing anything contract someone to check it out

Forwarded message —

From: Lawrence Conte <a href="mailto:lawrence">lawrence</a> conte@abss.k12.nc.us>

Date: Wed, Oct 31, 2018, 5:43 PM

Subject: Fwd: Just FYI

To: <jean\_maness@abss.k12.nc.us>, Todd Thorpe <todd\_thorpe@abss.k12.nc.us>

Sent from my iPhone

Begin forwarded message:

From: Crystal Goddard < crystal goddard@abss.k12.nc.us>

Date: October 31, 2018 at 3:29:19 PM EDT

To: Lawrence Conte <a href="mailto:lawrence\_conte@abss.k12.nc.us">lawrence conte@abss.k12.nc.us</a>

Subject: Just FYI

Ms. Michele and I are both sick with sore throats, headaches, and generally unwell. So we went looking through the room again and found mold again. Some in the same spots and some in others. Michele did mention that Mr. Conte came by and asked earlier this week, but we are just seeing it. We have the dehumidifier on all day and it is now being emptied every day.

Crystal Goddard Pre-K Teacher Harvey R. Newlin Elementary

### 2 attachments



IMG\_3099.jpg 2524K



IMG\_3096.jpg 1546K

william\_perry@abss.k12.nc.us <william\_perry@abss.k12.nc.us>

Thu, Nov 1, 2018 at 6:21 AM

To: Todd Thorpe <todd\_thorpe@abss.k12.nc.us>

Cc: Joseph Fuller <a href="mailto:size-number-4">jay\_fuller@abss.k12.nc.us</a>, Jean Maness <a href="mailto:size-number-4">jean maness@abss.k12.nc.us</a>, Jean Maness <a href="mailto:size-number-4">jean maness@abss.k12.nc.us</a>)

I'll be glad to if I had a room number, so I'll go seek and find

Sent from my iPhone

[Quoted text hidden]

<IMG\_3099.jpg>

<IMG\_3096.jpg>

Todd Thorpe <todd\_thorpe@abss.k12.nc.us>

Thu, Nov 1, 2018 at 6:31 AM

To: William Perry <william perry@abss.k12.nc.us>

Cc: Joseph Fuller <jay\_fuller@abss.k12.nc.us>, Jean Maness <jean\_maness@abss.k12.nc.us>

Well put your hound dog nose on and run it down. PreK classroom where we had problems earlier.

Todd

[Quoted text hidden]

william\_perry@abss.k12.nc.us <william\_perry@abss.k12.nc.us>

Thu, Nov 1, 2018 at 6:41 AM

To: Todd Thorpe <todd thorpe@abss.k12.nc.us>

Cc: Joseph Fuller <a>jay\_fuller@abss.k12.nc.us></a>, Jean Maness <a>jean\_maness@abss.k12.nc.us>

Headed there now, tail wagging

Sent from my iPhone

[Quoted text hidden]



## Mold

2 messages

william\_perry@abss.k12.nc.us <william\_perry@abss.k12.nc.us>

Fri, Apr 8, 2016 at 4:57 PM

To: Jay fuller <jay\_fuller@abss.k12.nc.us>

Cc: Steve Williams <steve\_williams@abss.k12.nc.us>

Hi Jay,

This is definitely mold in the fine arts hall and art room. In the art room there is also water stains inside the light, this may be coming from a roof leak. It will have to be checked out.

Thanks,

William

### Sent from my iPhone

### 2 attachments



**IMG\_0141.JPG** 88K



**IMG\_0140.JPG** 84K

jay\_fuller@abss.k12.nc.us <jay\_fuller@abss.k12.nc.us>

To: william\_perry@abss.k12.nc.us

Cc: Steve Williams <steve\_williams@abss.k12.nc.us>

Thanks, we will check it out.

Fri, Apr 8, 2016 at 5:08 PM

## Jay Fuller Director of Facilities and Maintenance Alamance-Burlington School System Office-336-570-6482 Cell-336-516-3322

[Quoted text hidden]

<IMG\_0141.JPG>

<IMG\_0140.JPG>

Sent from my iPhone



## Mildew Smell in New Building

5 messages

Mon, Mar 14, 2016 at 11:02 AM

Jay,

We are noticing a very strong mildew in the "Brave Cave" (new 8th grade wing). It was noticeable Friday, and it is stronger today. Please have someone come out and check on the air quality and see if the source of the smell can be located. I don't want our kids or staff exposed to mold or mildew.

I can put in a work order also if needed, I just thought this might be quicker.

Thank You!

Greg Holland Principal Western Middle School

jay\_fuller@abss.k12.nc.us <jay\_fuller@abss.k12.nc.us>
To: Gregory Holland <gregory\_holland@abss.k12.nc.us>

Mon, Mar 14, 2016 at 11:24 AM

Greg,

Contacted the plumbing crew, they will check it out.

Jay Fuller
Director
of Facilities and Maintenance
Alamance-Burlington School System
Office-336-570-6482
Cell-336-516-3322

[Quoted text hidden]

Mon, Mar 14, 2016 at 11:26 AM

I appreciate the quick response. Thanks Jay! [Quoted text hidden]

jay\_fuller@abss.k12.nc.us <jay\_fuller@abss.k12.nc.us>
To: Gregory Holland <gregory\_holland@abss.k12.nc.us>

Mon, Mar 14, 2016 at 11:32 AM

They have another work order for a hot water pump, made a work order for the smell.

Jay Fuller
Director
of Facilities and Maintenance

## Alamance-Burlington School System

Office-336-570-6482 Cell-336-516-3322

[Quoted text hidden]

**Greg Holland** <gregory\_holland@abss.k12.nc.us> To: jay\_fuller@abss.k12.nc.us

Mon, Mar 14, 2016 at 12:00 PM

Thanks

Greg Holland Principal Western Middle School [Quoted text hidden]