



LRC Indoor Testing and Research
200 Commonwealth Ct, Suite 101
Cary, NC 27511
(919) 342-4936

Certificate of Laboratory Analysis

Non-Viable Spore Trap Analysis

Dare County Schools
Ian Adams
3020 S. Wrightsville Avenue
Nags Head, NC

Project #: 26-1551
Project Location: Manteo High School
829 Wingina Ave
Manteo, NC 27954
Project Type: IAQ
PO/Claim #: -

Table 1: Non-Viable Air Samples

Date Collected:	6/9/26	6/9/26	6/9/26	6/9/26	6/9/26
Spore Identification	1	2	3	4	5
	Advancement Center A200	Hall at A200	CR 206	Hall at C204	CR D200
<i>Cladosporium</i>	27	27	40	53	-
Ascospores	-	-	-	-	13
Basidiospores ²	13	-	-	-	-
Smuts, <i>Periconia</i> , <i>Myxomycetes</i> ⁴	-	13	-	13	40
<i>Penicillium/Aspergillus</i> Group ¹	-	53	40	-	80
Hyphal Elements ³	27	40	-	-	13
<i>Alternaria</i>	-	-	-	-	-
<i>Curvularia</i>	-	-	-	-	-
<i>Epicoccum</i>	-	-	-	-	-
<i>Cercospora</i>	-	-	-	-	-
<i>Arthrimum</i>	-	-	-	-	-
Clear Brown	-	-	-	-	-
Colorless	-	-	-	-	-
<i>Trichocladium</i>	-	-	-	-	-
Unidentified	-	-	-	-	-
<i>Ulocladium</i>	-	-	-	-	-
<i>Torula</i>	-	-	-	-	-
<i>Pithomyces</i>	13	13	-	-	-
Rust ⁵	-	-	-	-	-
<i>Drechslera/Bipolaris</i>	-	-	-	-	-
<i>Tetraploa</i>	-	-	-	-	-
<i>Chaetomium</i>	-	-	-	-	-
<i>Stachybotrys</i>	-	-	-	-	-
	-	-	-	-	-
Total Spores/m ³	80	147	80	67	147
Particulate Level	moderate	low-moderate	low	low	low
Date Analyzed:	6/26/26	6/26/26	6/26/26	6/26/26	6/26/26

Analyzed by: Cathy A. Richmond, B.S.

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Project Type: IAQ

PO/Claim #: —

Table 1: Non-Viable Air Samples

Date Collected:	6/9/26	6/9/26	6/9/26	6/9/26	6/9/26
	6	7	8	9	10
Spore Identification	Hall at D201	Hall at C209	CR C208	Hal at CR C212	CR C212
<i>Cladosporium</i>	53	13	13	-	-
Ascospores	-	-	-	13	-
Basidiospores ²	13	13	13	-	13
Smuts, <i>Periconia</i> , <i>Myxomycetes</i> ⁴	-	-	-	-	27
<i>Penicillium/Aspergillus</i> Group ¹	80	-	-	-	27
Hyphal Elements ³	-	-	-	13	13
<i>Alternaria</i>	-	-	-	-	-
<i>Curvularia</i>	-	-	-	-	-
<i>Epicoccum</i>	-	-	-	-	-
<i>Cercospora</i>	-	-	13	-	-
<i>Arthrinium</i>	-	-	-	-	-
Clear Brown	-	-	-	-	-
Colorless	-	-	-	-	-
<i>Trichocladium</i>	-	-	-	-	-
Unidentified	-	-	-	-	-
<i>Ulocladium</i>	-	-	-	-	-
<i>Torula</i>	-	-	-	-	-
<i>Pithomyces</i>	-	-	-	-	-
Rust ⁵	-	-	-	-	-
<i>Drechslera/Bipolaris</i>	-	-	-	-	-
<i>Tetraploa</i>	-	-	-	-	-
<i>Chaetomium</i>	-	-	-	-	-
<i>Stachybotrys</i>	-	-	-	-	-
	-	-	-	-	-
Total Spores/m³	147	27	40	27	80
Particulate Level	low	low	low	low	low
Date Analyzed:	6/26/26	6/26/26	6/26/26	6/26/26	6/26/26

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Table 1: Non-Viable Air Samples

Date Collected:	6/9/26	6/9/26	6/9/26	6/9/26	6/9/26
	11	12	13	14	15
Spore Identification	CR C218	Hall at C216	Hall at A201	A105 Counseling	CR C101
<i>Cladosporium</i>	13	40	-	27	13
Ascospores	13	40	13	27	-
Basidiospores ²	13	-	-	13	-
Smuts, <i>Periconia</i> , <i>Myxomycetes</i> ⁴	-	-	13	27	-
<i>Penicillium/Aspergillus</i> Group ¹	13	-	-	13	-
Hyphal Elements ³	27	27	13	-	-
<i>Alternaria</i>	-	-	-	-	-
<i>Curvularia</i>	13	-	-	-	-
<i>Epicoccum</i>	-	-	-	13	-
<i>Cercospora</i>	-	-	-	-	-
<i>Arthrinium</i>	-	-	-	-	-
Clear Brown	-	-	-	-	-
Colorless	-	-	-	-	-
<i>Trichocladium</i>	-	-	-	-	-
Unidentified	-	-	-	-	-
<i>Ulocladium</i>	-	-	-	-	-
Torula	-	-	-	-	-
<i>Pithomyces</i>	-	-	-	-	-
Rust ⁵	-	-	-	-	-
<i>Drechslera/Bipolaris</i>	13	-	-	13	-
<i>Tetraploa</i>	-	-	-	-	-
<i>Chaetomium</i>	-	-	-	-	-
<i>Stachybotrys</i>	-	-	-	-	-
	-	-	-	-	-
Total Spores/m³	107	107	40	133	13
Particulate Level	low-moderate	low-moderate	low	low-moderate	low
Date Analyzed:	6/26/26	6/26/26	6/26/26	6/26/26	6/26/26

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Table 1: Non-Viable Air Samples

Date Collected:	6/9/26	6/9/26	6/9/26	6/9/26	6/9/26
	16	17	18	19	20
Spore Identification	C104	Hall at C106	V102	Auditorium	C 111
<i>Cladosporium</i>	13	13	27	-	40
Ascospores	-	-	-	13	13
Basidiospores ²	-	-	-	-	-
Smuts, <i>Periconia</i> , <i>Myxomycetes</i> ⁴	-	-	-	-	-
<i>Penicillium/Aspergillus</i> Group ¹	13	27	-	-	-
Hyphal Elements ³	13	27	-	13	13
<i>Alternaria</i>	-	-	13	-	-
<i>Curvularia</i>	-	-	13	-	-
<i>Epicoccum</i>	-	-	-	-	-
<i>Cercospora</i>	-	-	-	-	-
<i>Arthrimum</i>	-	-	-	-	-
Clear Brown	-	-	-	-	-
Colorless	-	-	-	-	-
<i>Trichocladium</i>	-	-	-	-	-
Unidentified	-	-	-	-	-
<i>Ulocladium</i>	-	-	-	-	-
<i>Torula</i>	-	-	-	-	-
<i>Pithomyces</i>	-	-	-	-	-
Rust ⁵	-	-	-	-	-
<i>Drechslera/Bipolaris</i>	-	-	-	-	-
<i>Tetraploa</i>	-	-	-	-	-
<i>Chaetomium</i>	-	-	-	-	-
<i>Stachybotrys</i>	-	-	-	-	-
	-	-	-	-	-
Total Spores/m³	40	67	53	27	67
Particulate Level	low	low	low	low	low
Date Analyzed:	6/26/26	6/26/26	6/26/26	6/26/26	6/26/26

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Table 1: Non-Viable Air Samples

Date Collected:	6/9/26	6/9/26	6/9/26	6/9/26	6/9/26
	21	22	23	24	25
Spore Identification	B104	D102	Media Center	Admin Hall/101D	Music A102
<i>Cladosporium</i>	13	13	27	40	-
Ascospores	-	13	-	-	-
Basidiospores ²	-	13	13	-	-
Smuts, <i>Periconia</i> , <i>Myxomycetes</i> ⁴	-	-	13	-	-
<i>Penicillium/Aspergillus</i> Group ¹	-	-	-	-	-
Hyphal Elements ³	-	-	-	13	27
<i>Alternaria</i>	-	-	-	-	-
<i>Curvularia</i>	-	-	-	-	-
<i>Epicoccum</i>	-	13	-	-	-
<i>Cercospora</i>	-	-	-	-	-
<i>Arthrinium</i>	-	-	-	-	-
Clear Brown	-	-	-	-	-
Colorless	-	-	-	-	-
<i>Trichocladium</i>	-	-	-	-	-
Unidentified	-	-	-	-	-
<i>Ulocladium</i>	-	-	-	-	-
<i>Torula</i>	-	-	-	-	-
<i>Pithomyces</i>	-	-	-	-	-
Rust ⁵	-	-	-	-	-
<i>Drechslera/Bipolaris</i>	13	-	-	-	-
<i>Tetraploa</i>	-	-	-	-	-
<i>Chaetomium</i>	-	-	-	-	-
<i>Stachybotrys</i>	-	-	-	-	-
	-	-	-	-	-
Total Spores/m³	27	53	53	53	27
Particulate Level	low	low	low-moderate	low	low
Date Analyzed:	6/26/26	6/26/26	6/26/26	6/26/26	6/26/26

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Project Type: IAQ

PO/Claim #: -

Table 1: Non-Viable Air Samples

Date Collected:	6/9/26	6/9/26
	26	27
Spore Identification	A103	Outdoor Air
<i>Cladosporium</i>	27	240
Ascospores	-	1333
Basidiospores ²	13	320
Smuts, <i>Periconia</i> , <i>Myxomycetes</i> ⁴	-	80
<i>Penicillium/Aspergillus</i> Group ¹	13	-
Hyphal Elements ³	13	53
<i>Alternaria</i>	-	27
<i>Curvularia</i>	-	27
<i>Epicoccum</i>	-	-
<i>Cercospora</i>	-	-
<i>Arthrimum</i>	-	-
Clear Brown	-	-
Colorless	-	-
<i>Trichocladium</i>	-	-
Unidentified	-	-
<i>Ulocladium</i>	-	-
Torula	-	-
<i>Pithomyces</i>	-	-
Rust ⁵	-	-
<i>Drechslera/Bipolaris</i>	-	-
<i>Tetraploa</i>	-	-
<i>Chaetomium</i>	-	-
<i>Stachybotrys</i>	-	-
	-	-
Total Spores/m³	67	2080
Particulate Level	low	low-moderate
Date Analyzed:	6/26/26	6/26/26

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Project Type: IAQ
PO/Claim #: —

Sample Number: 1
Sample Location: Advancement Center A200
Date Collected: 6/9/26
Test Requested: Non-viable spore trap analysis
Date Analyzed: 6/26/26

Volume (L): 75
Percentage of Slide Read: 100.0%
Detection Limit: 13.33
Particulate Level: moderate
Notes: —

Spore Identification	Count	Results	Units	Percentage
<i>Cladosporium</i>	2	27	spores/m ³	33%
Ascospores		-	spores/m ³	-
Basidiospores	1	13	spores/m ³	17%
Smuts, <i>Periconia</i> , Myxomycetes		-	spores/m ³	-
<i>Penicillium/Aspergillus</i> Group		-	spores/m ³	-
Hyphal Elements	2	27	spores/m ³	33%
<i>Alternaria</i>		-	spores/m ³	-
<i>Curvularia</i>		-	spores/m ³	-
<i>Epicoccum</i>		-	spores/m ³	-
<i>Cercospora</i>		-	spores/m ³	-
<i>Arthrimum</i>		-	spores/m ³	-
Clear Brown		-	spores/m ³	-
Colorless		-	spores/m ³	-
<i>Trichocladium</i>		-	spores/m ³	-
Unidentified		-	spores/m ³	-
<i>Ulocladium</i>		-	spores/m ³	-
Torula		-	spores/m ³	-
<i>Pithomyces</i>	1	13	spores/m ³	17%
Rust		-	spores/m ³	-
<i>Drechslera/Bipolaris</i>		-	spores/m ³	-
<i>Tetraploa</i>		-	spores/m ³	-
<i>Chaetomium</i>		-	spores/m ³	-
<i>Stachybotrys</i>		-	spores/m ³	-
		-	spores/m ³	-
Total Spores	6	80	spores/m³	

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Project Type: IAQ
PO/Claim #: —

Sample Number: 2
Sample Location: Hall at A200
Date Collected: 6/9/26
Test Requested: Non-viable spore trap analysis
Date Analyzed: 6/26/26

Volume (L): 75
Percentage of Slide Read: 100.0%
Detection Limit: 13.33
Particulate Level: low-moderate
Notes: —

Spore Identification	Count	Results	Units	Percentage
<i>Cladosporium</i>	2	27	spores/m ³	18%
Ascospores		-	spores/m ³	-
Basidiospores		-	spores/m ³	-
Smuts, <i>Periconia</i> , Myxomycetes	1	13	spores/m ³	9%
<i>Penicillium</i> / <i>Aspergillus</i> Group	4	53	spores/m ³	36%
Hyphal Elements	3	40	spores/m ³	27%
<i>Alternaria</i>		-	spores/m ³	-
<i>Curvularia</i>		-	spores/m ³	-
<i>Epicoccum</i>		-	spores/m ³	-
<i>Cercospora</i>		-	spores/m ³	-
<i>Arthrrium</i>		-	spores/m ³	-
Clear Brown		-	spores/m ³	-
Colorless		-	spores/m ³	-
<i>Trichocladium</i>		-	spores/m ³	-
Unidentified		-	spores/m ³	-
<i>Ulocladium</i>		-	spores/m ³	-
Torula		-	spores/m ³	-
<i>Pithomyces</i>	1	13	spores/m ³	9%
Rust		-	spores/m ³	-
<i>Drechslera</i> / <i>Bipolaris</i>		-	spores/m ³	-
<i>Tetraploa</i>		-	spores/m ³	-
<i>Chaetomium</i>		-	spores/m ³	-
<i>Stachybotrys</i>		-	spores/m ³	-
		-	spores/m ³	-
Total Spores	11	147	spores/m³	

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Project Type: IAQ
PO/Claim #: —

Sample Number: 3
Sample Location: CR 206
Date Collected: 6/9/26
Test Requested: Non-viable spore trap analysis
Date Analyzed: 6/26/26

Volume (L): 75
Percentage of Slide Read: 100.0%
Detection Limit: 13.33
Particulate Level: low
Notes: —

Spore Identification	Count	Results	Units	Percentage
<i>Cladosporium</i>	3	40	spores/m ³	50%
Ascospores		-	spores/m ³	-
Basidiospores		-	spores/m ³	-
Smuts, <i>Periconia</i> , Myxomycetes		-	spores/m ³	-
<i>Penicillium/Aspergillus</i> Group	3	40	spores/m ³	50%
Hyphal Elements		-	spores/m ³	-
<i>Alternaria</i>		-	spores/m ³	-
<i>Curvularia</i>		-	spores/m ³	-
<i>Epicoccum</i>		-	spores/m ³	-
<i>Cercospora</i>		-	spores/m ³	-
<i>Arthrrium</i>		-	spores/m ³	-
Clear Brown		-	spores/m ³	-
Colorless		-	spores/m ³	-
<i>Trichocladium</i>		-	spores/m ³	-
Unidentified		-	spores/m ³	-
<i>Ulocladium</i>		-	spores/m ³	-
Torula		-	spores/m ³	-
<i>Pithomyces</i>		-	spores/m ³	-
Rust		-	spores/m ³	-
<i>Drechslera/Bipolaris</i>		-	spores/m ³	-
<i>Tetraploa</i>		-	spores/m ³	-
<i>Chaetomium</i>		-	spores/m ³	-
<i>Stachybotrys</i>		-	spores/m ³	-
		-	spores/m ³	-
Total Spores	6	80	spores/m³	

Analyzed by: Cathy A. Richmond, B.S.



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Manteo, NC 27954
Project Type: IAQ
PO/Claim #: —

Sample Number: 4
Sample Location: Hall at C204
Date Collected: 6/9/26
Test Requested: Non-viable spore trap analysis
Date Analyzed: 6/26/26

Volume (L): 75
Percentage of Slide Read: 100.0%
Detection Limit: 13.33
Particulate Level: low
Notes: —

Spore Identification	Count	Results	Units	Percentage
<i>Cladosporium</i>	4	53	spores/m ³	80%
Ascospores		-	spores/m ³	-
Basidiospores		-	spores/m ³	-
Smuts, <i>Periconia</i> , Myxomycetes	1	13	spores/m ³	20%
<i>Penicillium/Aspergillus</i> Group		-	spores/m ³	-
Hyphal Elements		-	spores/m ³	-
<i>Alternaria</i>		-	spores/m ³	-
<i>Curvularia</i>		-	spores/m ³	-
<i>Epicoccum</i>		-	spores/m ³	-
<i>Cercospora</i>		-	spores/m ³	-
<i>Arthrrium</i>		-	spores/m ³	-
Clear Brown		-	spores/m ³	-
Colorless		-	spores/m ³	-
<i>Trichocladium</i>		-	spores/m ³	-
Unidentified		-	spores/m ³	-
<i>Ulocladium</i>		-	spores/m ³	-
Torula		-	spores/m ³	-
<i>Pithomyces</i>		-	spores/m ³	-
Rust		-	spores/m ³	-
<i>Drechslera/Bipolaris</i>		-	spores/m ³	-
<i>Tetraploa</i>		-	spores/m ³	-
<i>Chaetomium</i>		-	spores/m ³	-
<i>Stachybotrys</i>		-	spores/m ³	-
		-	spores/m ³	-
Total Spores	5	67	spores/m³	

Analyzed by: Cathy A. Richmond, B.S.



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Certificate of Laboratory Analysis

Non-Viable Spore Trap Analysis

Dare County Schools
Ian Adams
3020 S. Wrightsville Avenue
Nags Head, NC

Project #: 26-1551
Project Location: Manteo High School
829 Wingina Ave
Manteo, NC 27954
Project Type: IAQ
PO/Claim #: —

Sample Number: 5
Sample Location: CR D200
Date Collected: 6/9/26
Test Requested: Non-viable spore trap analysis
Date Analyzed: 6/26/26

Volume (L): 75
Percentage of Slide Read: 100.0%
Detection Limit: 13.33
Particulate Level: low
Notes: —

Spore Identification	Count	Results	Units	Percentage
<i>Cladosporium</i>		-	spores/m ³	-
Ascospores	1	13	spores/m ³	9%
Basidiospores		-	spores/m ³	-
Smuts, <i>Periconia</i> , Myxomycetes	3	40	spores/m ³	27%
<i>Penicillium</i> / <i>Aspergillus</i> Group	6	80	spores/m ³	55%
Hyphal Elements	1	13	spores/m ³	9%
<i>Alternaria</i>		-	spores/m ³	-
<i>Curvularia</i>		-	spores/m ³	-
<i>Epicoccum</i>		-	spores/m ³	-
<i>Cercospora</i>		-	spores/m ³	-
<i>Arthrrium</i>		-	spores/m ³	-
Clear Brown		-	spores/m ³	-
Colorless		-	spores/m ³	-
<i>Trichocladium</i>		-	spores/m ³	-
Unidentified		-	spores/m ³	-
<i>Ulocladium</i>		-	spores/m ³	-
Torula		-	spores/m ³	-
<i>Pithomyces</i>		-	spores/m ³	-
Rust		-	spores/m ³	-
<i>Drechslera</i> / <i>Bipolaris</i>		-	spores/m ³	-
<i>Tetraploa</i>		-	spores/m ³	-
<i>Chaetomium</i>		-	spores/m ³	-
<i>Stachybotrys</i>		-	spores/m ³	-
		-	spores/m ³	-
Total Spores	11	147	spores/m³	

Analyzed by: Cathy A. Richmond, B.S.



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Certificate of Laboratory Analysis

Non-Viable Spore Trap Analysis

Dare County Schools
Ian Adams
3020 S. Wrightsville Avenue
Nags Head, NC

Project #: 26-1551
Project Location: Manteo High School
829 Wingina Ave
Manteo, NC 27954
Project Type: IAQ
PO/Claim #: —

Sample Number: 6
Sample Location: Hall at D201
Date Collected: 6/9/26
Test Requested: Non-viable spore trap analysis
Date Analyzed: 6/26/26

Volume (L): 75
Percentage of Slide Read: 100.0%
Detection Limit: 13.33
Particulate Level: low
Notes: —

Spore Identification	Count	Results	Units	Percentage
<i>Cladosporium</i>	4	53	spores/m ³	36%
Ascospores		-	spores/m ³	-
Basidiospores	1	13	spores/m ³	9%
Smuts, <i>Periconia</i> , Myxomycetes		-	spores/m ³	-
<i>Penicillium/Aspergillus</i> Group	6	80	spores/m ³	55%
Hyphal Elements		-	spores/m ³	-
<i>Alternaria</i>		-	spores/m ³	-
<i>Curvularia</i>		-	spores/m ³	-
<i>Epicoccum</i>		-	spores/m ³	-
<i>Cercospora</i>		-	spores/m ³	-
<i>Arthrrium</i>		-	spores/m ³	-
Clear Brown		-	spores/m ³	-
Colorless		-	spores/m ³	-
<i>Trichocladium</i>		-	spores/m ³	-
Unidentified		-	spores/m ³	-
<i>Ulocladium</i>		-	spores/m ³	-
Torula		-	spores/m ³	-
<i>Pithomyces</i>		-	spores/m ³	-
Rust		-	spores/m ³	-
<i>Drechslera/Bipolaris</i>		-	spores/m ³	-
<i>Tetraploa</i>		-	spores/m ³	-
<i>Chaetomium</i>		-	spores/m ³	-
<i>Stachybotrys</i>		-	spores/m ³	-
		-	spores/m ³	-
Total Spores	11	147	spores/m³	

Analyzed by: Cathy A. Richmond, B.S.



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Non-Viable Spore Trap Analysis

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3020 S. Wrightsville Avenue
Nags Head, NC

Project #: 26-1551
Project Location: Manteo High School
829 Wingina Ave
Manteo, NC 27954
Project Type: IAQ
PO/Claim #: —

Sample Number: 7
Sample Location: Hall at C209
Date Collected: 6/9/26
Test Requested: Non-viable spore trap analysis
Date Analyzed: 6/26/26
Volume (L): 75
Percentage of Slide Read: 100.0%
Detection Limit: 13.33
Particulate Level: low
Notes: —

Spore Identification	Count	Results	Units	Percentage
<i>Cladosporium</i>	1	13	spores/m ³	50%
Ascospores		-	spores/m ³	-
Basidiospores	1	13	spores/m ³	50%
Smuts, <i>Periconia</i> , Myxomycetes		-	spores/m ³	-
<i>Penicillium/Aspergillus</i> Group		-	spores/m ³	-
Hyphal Elements		-	spores/m ³	-
<i>Alternaria</i>		-	spores/m ³	-
<i>Curvularia</i>		-	spores/m ³	-
<i>Epicoccum</i>		-	spores/m ³	-
<i>Cercospora</i>		-	spores/m ³	-
<i>Arthrrium</i>		-	spores/m ³	-
Clear Brown		-	spores/m ³	-
Colorless		-	spores/m ³	-
<i>Trichocladium</i>		-	spores/m ³	-
Unidentified		-	spores/m ³	-
<i>Ulocladium</i>		-	spores/m ³	-
Torula		-	spores/m ³	-
<i>Pithomyces</i>		-	spores/m ³	-
Rust		-	spores/m ³	-
<i>Drechslera/Bipolaris</i>		-	spores/m ³	-
<i>Tetraploa</i>		-	spores/m ³	-
<i>Chaetomium</i>		-	spores/m ³	-
<i>Stachybotrys</i>		-	spores/m ³	-
		-	spores/m ³	-
Total Spores	2	27	spores/m³	

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Dare County Schools
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Nags Head, NC
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Project #: 26-1551
Project Location: Manteo High School
829 Wingina Ave
Manteo, NC 27954
Project Type: IAQ
PO/Claim #: —

Sample Number: 8
Sample Location: CR C208
Date Collected: 6/9/26
Test Requested: Non-viable spore trap analysis
Date Analyzed: 6/26/26
Volume (L): 75
Percentage of Slide Read: 100.0%
Detection Limit: 13.33
Particulate Level: low
Notes: —

Spore Identification	Count	Results	Units	Percentage
<i>Cladosporium</i>	1	13	spores/m ³	33%
Ascospores		-	spores/m ³	-
Basidiospores	1	13	spores/m ³	33%
Smuts, <i>Periconia</i> , Myxomycetes		-	spores/m ³	-
<i>Penicillium/Aspergillus</i> Group		-	spores/m ³	-
Hyphal Elements		-	spores/m ³	-
<i>Alternaria</i>		-	spores/m ³	-
<i>Curvularia</i>		-	spores/m ³	-
<i>Epicoecum</i>		-	spores/m ³	-
<i>Cercospora</i>	1	13	spores/m ³	33%
<i>Arthrimum</i>		-	spores/m ³	-
Clear Brown		-	spores/m ³	-
Colorless		-	spores/m ³	-
<i>Trichocladium</i>		-	spores/m ³	-
Unidentified		-	spores/m ³	-
<i>Ulocladium</i>		-	spores/m ³	-
Torula		-	spores/m ³	-
<i>Pithomyces</i>		-	spores/m ³	-
Rust		-	spores/m ³	-
<i>Drechslera/Bipolaris</i>		-	spores/m ³	-
<i>Tetraploa</i>		-	spores/m ³	-
<i>Chaetomium</i>		-	spores/m ³	-
<i>Stachybotrys</i>		-	spores/m ³	-
		-	spores/m ³	-
Total Spores	3	40	spores/m³	

Analyzed by: Cathy A. Richmond, B.S.



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Project #: 26-1551
Project Location: Manteo High School
829 Wingina Ave
Manteo, NC 27954
Project Type: IAQ
PO/Claim #: —

Sample Number: 9
Sample Location: Hal at CR C212
Date Collected: 6/9/26
Test Requested: Non-viable spore trap analysis
Date Analyzed: 6/26/26

Volume (L): 75
Percentage of Slide Read: 100.0%
Detection Limit: 13.33
Particulate Level: low
Notes: —

Spore Identification	Count	Results	Units	Percentage
<i>Cladosporium</i>		-	spores/m ³	-
Ascospores	1	13	spores/m ³	50%
Basidiospores		-	spores/m ³	-
Smuts, <i>Periconia</i> , Myxomycetes		-	spores/m ³	-
<i>Penicillium/Aspergillus</i> Group		-	spores/m ³	-
Hyphal Elements	1	13	spores/m ³	50%
<i>Alternaria</i>		-	spores/m ³	-
<i>Curvularia</i>		-	spores/m ³	-
<i>Epicoccum</i>		-	spores/m ³	-
<i>Cercospora</i>		-	spores/m ³	-
<i>Arthrrium</i>		-	spores/m ³	-
Clear Brown		-	spores/m ³	-
Colorless		-	spores/m ³	-
<i>Trichocladium</i>		-	spores/m ³	-
Unidentified		-	spores/m ³	-
<i>Ulocladium</i>		-	spores/m ³	-
Torula		-	spores/m ³	-
<i>Pithomyces</i>		-	spores/m ³	-
Rust		-	spores/m ³	-
<i>Drechslera/Bipolaris</i>		-	spores/m ³	-
<i>Tetraploa</i>		-	spores/m ³	-
<i>Chaetomium</i>		-	spores/m ³	-
<i>Stachybotrys</i>		-	spores/m ³	-
		-	spores/m ³	-
Total Spores	2	27	spores/m³	

Analyzed by: Cathy A. Richmond, B.S.



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Non-Viable Spore Trap Analysis

Dare County Schools
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Project #: 26-1551
Project Location: Manteo High School
829 Wingina Ave
Manteo, NC 27954
Project Type: IAQ
PO/Claim #: —

Sample Number: 10
Sample Location: CR C212
Date Collected: 6/9/26
Test Requested: Non-viable spore trap analysis
Date Analyzed: 6/26/26
Volume (L): 75
Percentage of Slide Read: 100.0%
Detection Limit: 13.33
Particulate Level: low
Notes: —

Spore Identification	Count	Results	Units	Percentage
<i>Cladosporium</i>		-	spores/m ³	-
Ascospores		-	spores/m ³	-
Basidiospores	1	13	spores/m ³	17%
Smuts, <i>Periconia</i> , Myxomycetes	2	27	spores/m ³	33%
<i>Penicillium</i> / <i>Aspergillus</i> Group	2	27	spores/m ³	33%
Hyphal Elements	1	13	spores/m ³	17%
<i>Alternaria</i>		-	spores/m ³	-
<i>Curvularia</i>		-	spores/m ³	-
<i>Epicoccum</i>		-	spores/m ³	-
<i>Cercospora</i>		-	spores/m ³	-
<i>Arthrrium</i>		-	spores/m ³	-
Clear Brown		-	spores/m ³	-
Colorless		-	spores/m ³	-
<i>Trichocladium</i>		-	spores/m ³	-
Unidentified		-	spores/m ³	-
<i>Ulocladium</i>		-	spores/m ³	-
Torula		-	spores/m ³	-
<i>Pithomyces</i>		-	spores/m ³	-
Rust		-	spores/m ³	-
<i>Drechslera</i> / <i>Bipolaris</i>		-	spores/m ³	-
<i>Tetraploa</i>		-	spores/m ³	-
<i>Chaetomium</i>		-	spores/m ³	-
<i>Stachybotrys</i>		-	spores/m ³	-
		-	spores/m ³	-
Total Spores	6	80	spores/m³	

Analyzed by: Cathy A. Richmond, B.S.



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Non-Viable Spore Trap Analysis

Dare County Schools
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Nags Head, NC

Project #: 26-1551
Project Location: Manteo High School
829 Wingina Ave
Manteo, NC 27954
Project Type: IAQ
PO/Claim #: —

Sample Number: 11
Sample Location: CR C218
Date Collected: 6/9/26
Test Requested: Non-viable spore trap analysis
Date Analyzed: 6/26/26

Volume (L): 75
Percentage of Slide Read: 100.0%
Detection Limit: 13.33
Particulate Level: low-moderate
Notes: —

Spore Identification	Count	Results	Units	Percentage
<i>Cladosporium</i>	1	13	spores/m ³	13%
Ascospores	1	13	spores/m ³	13%
Basidiospores	1	13	spores/m ³	13%
Smuts, <i>Periconia</i> , Myxomycetes		-	spores/m ³	-
<i>Penicillium/Aspergillus</i> Group	1	13	spores/m ³	13%
Hyphal Elements	2	27	spores/m ³	25%
<i>Alternaria</i>		-	spores/m ³	-
<i>Curvularia</i>	1	13	spores/m ³	13%
<i>Epicoccum</i>		-	spores/m ³	-
<i>Cercospora</i>		-	spores/m ³	-
<i>Arthrrium</i>		-	spores/m ³	-
Clear Brown		-	spores/m ³	-
Colorless		-	spores/m ³	-
<i>Trichocladium</i>		-	spores/m ³	-
Unidentified		-	spores/m ³	-
<i>Ulocladium</i>		-	spores/m ³	-
Torula		-	spores/m ³	-
<i>Pithomyces</i>		-	spores/m ³	-
Rust		-	spores/m ³	-
<i>Drechslera/Bipolaris</i>	1	13	spores/m ³	13%
<i>Tetraploa</i>		-	spores/m ³	-
<i>Chaetomium</i>		-	spores/m ³	-
<i>Stachybotrys</i>		-	spores/m ³	-
		-	spores/m ³	-
Total Spores	8	107	spores/m³	

Analyzed by: Cathy A. Richmond, B.S.



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Non-Viable Spore Trap Analysis

Dare County Schools
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Nags Head, NC

Project #: 26-1551
Project Location: Manteo High School
829 Wingina Ave
Manteo, NC 27954
Project Type: IAQ
PO/Claim #: —

Sample Number: 12
Sample Location: Hall at C216
Date Collected: 6/9/26
Test Requested: Non-viable spore trap analysis
Date Analyzed: 6/26/26

Volume (L): 75
Percentage of Slide Read: 100.0%
Detection Limit: 13.33
Particulate Level: low-moderate
Notes: —

Spore Identification	Count	Results	Units	Percentage
<i>Cladosporium</i>	3	40	spores/m ³	38%
Ascospores	3	40	spores/m ³	38%
Basidiospores		-	spores/m ³	-
Smuts, <i>Periconia</i> , Myxomycetes		-	spores/m ³	-
<i>Penicillium/Aspergillus</i> Group		-	spores/m ³	-
Hyphal Elements	2	27	spores/m ³	25%
<i>Alternaria</i>		-	spores/m ³	-
<i>Curvularia</i>		-	spores/m ³	-
<i>Epicoccum</i>		-	spores/m ³	-
<i>Cercospora</i>		-	spores/m ³	-
<i>Arthrrium</i>		-	spores/m ³	-
Clear Brown		-	spores/m ³	-
Colorless		-	spores/m ³	-
<i>Trichocladium</i>		-	spores/m ³	-
Unidentified		-	spores/m ³	-
<i>Ulocladium</i>		-	spores/m ³	-
Torula		-	spores/m ³	-
<i>Pithomyces</i>		-	spores/m ³	-
Rust		-	spores/m ³	-
<i>Drechslera/Bipolaris</i>		-	spores/m ³	-
<i>Tetraploa</i>		-	spores/m ³	-
<i>Chaetomium</i>		-	spores/m ³	-
<i>Stachybotrys</i>		-	spores/m ³	-
		-	spores/m ³	-
Total Spores	8	107	spores/m³	

Analyzed by: Cathy A. Richmond, B.S.



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Dare County Schools
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3020 S. Wrightsville Avenue
Nags Head, NC

Project #: 26-1551
Project Location: Manteo High School
829 Wingina Ave
Manteo, NC 27954
Project Type: IAQ
PO/Claim #: —

Sample Number: 13
Sample Location: Hall at A201
Date Collected: 6/9/26
Test Requested: Non-viable spore trap analysis
Date Analyzed: 6/26/26

Volume (L): 75
Percentage of Slide Read: 100.0%
Detection Limit: 13.33
Particulate Level: low
Notes: —

Spore Identification	Count	Results	Units	Percentage
<i>Cladosporium</i>		-	spores/m ³	-
Ascospores	1	13	spores/m ³	33%
Basidiospores		-	spores/m ³	-
Smuts, <i>Periconia</i> , Myxomycetes	1	13	spores/m ³	33%
<i>Penicillium/Aspergillus</i> Group		-	spores/m ³	-
Hyphal Elements	1	13	spores/m ³	33%
<i>Alternaria</i>		-	spores/m ³	-
<i>Curvularia</i>		-	spores/m ³	-
<i>Epicoccum</i>		-	spores/m ³	-
<i>Cercospora</i>		-	spores/m ³	-
<i>Arthrrium</i>		-	spores/m ³	-
Clear Brown		-	spores/m ³	-
Colorless		-	spores/m ³	-
<i>Trichocladium</i>		-	spores/m ³	-
Unidentified		-	spores/m ³	-
<i>Ulocladium</i>		-	spores/m ³	-
Torula		-	spores/m ³	-
<i>Pithomyces</i>		-	spores/m ³	-
Rust		-	spores/m ³	-
<i>Drechslera/Bipolaris</i>		-	spores/m ³	-
<i>Tetraploa</i>		-	spores/m ³	-
<i>Chaetomium</i>		-	spores/m ³	-
<i>Stachybotrys</i>		-	spores/m ³	-
		-	spores/m ³	-
Total Spores	3	40	spores/m³	

Analyzed by: Cathy A. Richmond, B.S.



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Project #: 26-1551
Project Location: Manteo High School
829 Wingina Ave
Manteo, NC 27954
Project Type: IAQ
PO/Claim #: —

Sample Number: 14
Sample Location: A105 Counseling
Date Collected: 6/9/26
Test Requested: Non-viable spore trap analysis
Date Analyzed: 6/26/26

Volume (L): 75
Percentage of Slide Read: 100.0%
Detection Limit: 13.33
Particulate Level: low-moderate
Notes: —

Spore Identification	Count	Results	Units	Percentage
<i>Cladosporium</i>	2	27	spores/m ³	20%
Ascospores	2	27	spores/m ³	20%
Basidiospores	1	13	spores/m ³	10%
Smuts, <i>Periconia</i> , Myxomycetes	2	27	spores/m ³	20%
<i>Penicillium/Aspergillus</i> Group	1	13	spores/m ³	10%
Hyphal Elements		-	spores/m ³	-
<i>Alternaria</i>		-	spores/m ³	-
<i>Curvularia</i>		-	spores/m ³	-
<i>Epicoccum</i>	1	13	spores/m ³	10%
<i>Cercospora</i>		-	spores/m ³	-
<i>Arthrrium</i>		-	spores/m ³	-
Clear Brown		-	spores/m ³	-
Colorless		-	spores/m ³	-
<i>Trichocladium</i>		-	spores/m ³	-
Unidentified		-	spores/m ³	-
<i>Ulocladium</i>		-	spores/m ³	-
Torula		-	spores/m ³	-
<i>Pithomyces</i>		-	spores/m ³	-
Rust		-	spores/m ³	-
<i>Drechslera/Bipolaris</i>	1	13	spores/m ³	10%
<i>Tetraploa</i>		-	spores/m ³	-
<i>Chaetomium</i>		-	spores/m ³	-
<i>Stachybotrys</i>		-	spores/m ³	-
		-	spores/m ³	-
Total Spores	10	133	spores/m³	

Analyzed by: Cathy A. Richmond, B.S.



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(919) 342-4936

Certificate of Laboratory Analysis

Non-Viable Spore Trap Analysis

Dare County Schools
Ian Adams
3020 S. Wrightsville Avenue
Nags Head, NC
—

Project #: 26-1551
Project Location: Manteo High School
829 Wingina Ave
Manteo, NC 27954
Project Type: IAQ
PO/Claim #: —

Sample Number: 15
Sample Location: CR C101
Date Collected: 6/9/26
Test Requested: Non-viable spore trap analysis
Date Analyzed: 6/26/26

Volume (L): 75
Percentage of Slide Read: 100.0%
Detection Limit: 13.33
Particulate Level: low
Notes: —

Spore Identification	Count	Results	Units	Percentage
<i>Cladosporium</i>	1	13	spores/m ³	100%
Ascospores		-	spores/m ³	-
Basidiospores		-	spores/m ³	-
Smuts, <i>Periconia</i> , Myxomycetes		-	spores/m ³	-
<i>Penicillium/Aspergillus</i> Group		-	spores/m ³	-
Hyphal Elements		-	spores/m ³	-
<i>Alternaria</i>		-	spores/m ³	-
<i>Curvularia</i>		-	spores/m ³	-
<i>Epicoccum</i>		-	spores/m ³	-
<i>Cercospora</i>		-	spores/m ³	-
<i>Arthrrium</i>		-	spores/m ³	-
Clear Brown		-	spores/m ³	-
Colorless		-	spores/m ³	-
<i>Trichocladium</i>		-	spores/m ³	-
Unidentified		-	spores/m ³	-
<i>Ulocladium</i>		-	spores/m ³	-
Torula		-	spores/m ³	-
<i>Pithomyces</i>		-	spores/m ³	-
Rust		-	spores/m ³	-
<i>Drechslera/Bipolaris</i>		-	spores/m ³	-
<i>Tetraploa</i>		-	spores/m ³	-
<i>Chaetomium</i>		-	spores/m ³	-
<i>Stachybotrys</i>		-	spores/m ³	-
		-	spores/m ³	-
Total Spores	1	13	spores/m³	

Analyzed by: Cathy A. Richmond, B.S.



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Non-Viable Spore Trap Analysis

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Nags Head, NC

Project #: 26-1551
Project Location: Manteo High School
829 Wingina Ave
Manteo, NC 27954
Project Type: IAQ
PO/Claim #: —

Sample Number: 16
Sample Location: C104
Date Collected: 6/9/26
Test Requested: Non-viable spore trap analysis
Date Analyzed: 6/26/26
Volume (L): 75
Percentage of Slide Read: 100.0%
Detection Limit: 13.33
Particulate Level: low
Notes: —

Spore Identification	Count	Results	Units	Percentage
<i>Cladosporium</i>	1	13	spores/m ³	33%
Ascospores		-	spores/m ³	-
Basidiospores		-	spores/m ³	-
Smuts, <i>Periconia</i> , Myxomycetes		-	spores/m ³	-
<i>Penicillium/Aspergillus</i> Group	1	13	spores/m ³	33%
Hyphal Elements	1	13	spores/m ³	33%
<i>Alternaria</i>		-	spores/m ³	-
<i>Curvularia</i>		-	spores/m ³	-
<i>Epicoccum</i>		-	spores/m ³	-
<i>Cercospora</i>		-	spores/m ³	-
<i>Arthrrium</i>		-	spores/m ³	-
Clear Brown		-	spores/m ³	-
Colorless		-	spores/m ³	-
<i>Trichocladium</i>		-	spores/m ³	-
Unidentified		-	spores/m ³	-
<i>Ulocladium</i>		-	spores/m ³	-
Torula		-	spores/m ³	-
<i>Pithomyces</i>		-	spores/m ³	-
Rust		-	spores/m ³	-
<i>Drechslera/Bipolaris</i>		-	spores/m ³	-
<i>Tetraploa</i>		-	spores/m ³	-
<i>Chaetomium</i>		-	spores/m ³	-
<i>Stachybotrys</i>		-	spores/m ³	-
		-	spores/m ³	-
Total Spores	3	40	spores/m³	

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Non-Viable Spore Trap Analysis

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Nags Head, NC

Project #: 26-1551
Project Location: Manteo High School
829 Wingina Ave
Manteo, NC 27954
Project Type: IAQ
PO/Claim #: —

Sample Number: 17
Sample Location: Hall at C106
Date Collected: 6/9/26
Test Requested: Non-viable spore trap analysis
Date Analyzed: 6/26/26

Volume (L): 75
Percentage of Slide Read: 100.0%
Detection Limit: 13.33
Particulate Level: low
Notes: —

Spore Identification	Count	Results	Units	Percentage
<i>Cladosporium</i>	1	13	spores/m ³	20%
Ascospores		-	spores/m ³	-
Basidiospores		-	spores/m ³	-
Smuts, <i>Periconia</i> , Myxomycetes		-	spores/m ³	-
<i>Penicillium/Aspergillus</i> Group	2	27	spores/m ³	40%
Hyphal Elements	2	27	spores/m ³	40%
<i>Alternaria</i>		-	spores/m ³	-
<i>Curvularia</i>		-	spores/m ³	-
<i>Epicoccum</i>		-	spores/m ³	-
<i>Cercospora</i>		-	spores/m ³	-
<i>Arthrrium</i>		-	spores/m ³	-
Clear Brown		-	spores/m ³	-
Colorless		-	spores/m ³	-
<i>Trichocladium</i>		-	spores/m ³	-
Unidentified		-	spores/m ³	-
<i>Ulocladium</i>		-	spores/m ³	-
Torula		-	spores/m ³	-
<i>Pithomyces</i>		-	spores/m ³	-
Rust		-	spores/m ³	-
<i>Drechslera/Bipolaris</i>		-	spores/m ³	-
<i>Tetraploa</i>		-	spores/m ³	-
<i>Chaetomium</i>		-	spores/m ³	-
<i>Stachybotrys</i>		-	spores/m ³	-
		-	spores/m ³	-
Total Spores	5	67	spores/m³	

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Nags Head, NC

Project #: 26-1551
Project Location: Manteo High School
829 Wingina Ave
Manteo, NC 27954
Project Type: IAQ
PO/Claim #: —

Sample Number: 18
Sample Location: V102
Date Collected: 6/9/26
Test Requested: Non-viable spore trap analysis
Date Analyzed: 6/26/26
Volume (L): 75
Percentage of Slide Read: 100.0%
Detection Limit: 13.33
Particulate Level: low
Notes: —

Spore Identification	Count	Results	Units	Percentage
<i>Cladosporium</i>	2	27	spores/m ³	50%
Ascospores		-	spores/m ³	-
Basidiospores		-	spores/m ³	-
Smuts, <i>Periconia</i> , Myxomycetes		-	spores/m ³	-
<i>Penicillium/Aspergillus</i> Group		-	spores/m ³	-
Hyphal Elements		-	spores/m ³	-
<i>Alternaria</i>	1	13	spores/m ³	25%
<i>Curvularia</i>	1	13	spores/m ³	25%
<i>Epicoecum</i>		-	spores/m ³	-
<i>Cercospora</i>		-	spores/m ³	-
<i>Arthrrium</i>		-	spores/m ³	-
Clear Brown		-	spores/m ³	-
Colorless		-	spores/m ³	-
<i>Trichocladium</i>		-	spores/m ³	-
Unidentified		-	spores/m ³	-
<i>Ulocladium</i>		-	spores/m ³	-
Torula		-	spores/m ³	-
<i>Pithomyces</i>		-	spores/m ³	-
Rust		-	spores/m ³	-
<i>Drechslera/Bipolaris</i>		-	spores/m ³	-
<i>Tetraploa</i>		-	spores/m ³	-
<i>Chaetomium</i>		-	spores/m ³	-
<i>Stachybotrys</i>		-	spores/m ³	-
		-	spores/m ³	-
Total Spores	4	53	spores/m³	

Analyzed by: Cathy A. Richmond, B.S.



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Project #: 26-1551
Project Location: Manteo High School
829 Wingina Ave
Manteo, NC 27954
Project Type: IAQ
PO/Claim #: —

Sample Number: 19
Sample Location: Auditorium
Date Collected: 6/9/26
Test Requested: Non-viable spore trap analysis
Date Analyzed: 6/26/26
Volume (L): 75
Percentage of Slide Read: 100.0%
Detection Limit: 13.33
Particulate Level: low
Notes: —

Spore Identification	Count	Results	Units	Percentage
<i>Cladosporium</i>		-	spores/m ³	-
Ascospores	1	13	spores/m ³	50%
Basidiospores		-	spores/m ³	-
Smuts, <i>Periconia</i> , Myxomycetes		-	spores/m ³	-
<i>Penicillium/Aspergillus</i> Group		-	spores/m ³	-
Hyphal Elements	1	13	spores/m ³	50%
<i>Alternaria</i>		-	spores/m ³	-
<i>Curvularia</i>		-	spores/m ³	-
<i>Epicoccum</i>		-	spores/m ³	-
<i>Cercospora</i>		-	spores/m ³	-
<i>Arthrrium</i>		-	spores/m ³	-
Clear Brown		-	spores/m ³	-
Colorless		-	spores/m ³	-
<i>Trichocladium</i>		-	spores/m ³	-
Unidentified		-	spores/m ³	-
<i>Ulocladium</i>		-	spores/m ³	-
Torula		-	spores/m ³	-
<i>Pithomyces</i>		-	spores/m ³	-
Rust		-	spores/m ³	-
<i>Drechslera/Bipolaris</i>		-	spores/m ³	-
<i>Tetraploa</i>		-	spores/m ³	-
<i>Chaetomium</i>		-	spores/m ³	-
<i>Stachybotrys</i>		-	spores/m ³	-
		-	spores/m ³	-
Total Spores	2	27	spores/m³	

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Project #: 26-1551
Project Location: Manteo High School
829 Wingina Ave
Manteo, NC 27954
Project Type: IAQ
PO/Claim #: —

Sample Number: 20
Sample Location: C 111
Date Collected: 6/9/26
Test Requested: Non-viable spore trap analysis
Date Analyzed: 6/26/26
Volume (L): 75
Percentage of Slide Read: 100.0%
Detection Limit: 13.33
Particulate Level: low
Notes: —

Spore Identification	Count	Results	Units	Percentage
<i>Cladosporium</i>	3	40	spores/m ³	60%
Ascospores	1	13	spores/m ³	20%
Basidiospores		-	spores/m ³	-
Smuts, <i>Periconia</i> , Myxomycetes		-	spores/m ³	-
<i>Penicillium/Aspergillus</i> Group		-	spores/m ³	-
Hyphal Elements	1	13	spores/m ³	20%
<i>Alternaria</i>		-	spores/m ³	-
<i>Curvularia</i>		-	spores/m ³	-
<i>Epicoccum</i>		-	spores/m ³	-
<i>Cercospora</i>		-	spores/m ³	-
<i>Arthrrium</i>		-	spores/m ³	-
Clear Brown		-	spores/m ³	-
Colorless		-	spores/m ³	-
<i>Trichocladium</i>		-	spores/m ³	-
Unidentified		-	spores/m ³	-
<i>Ulocladium</i>		-	spores/m ³	-
Torula		-	spores/m ³	-
<i>Pithomyces</i>		-	spores/m ³	-
Rust		-	spores/m ³	-
<i>Drechslera/Bipolaris</i>		-	spores/m ³	-
<i>Tetraploa</i>		-	spores/m ³	-
<i>Chaetomium</i>		-	spores/m ³	-
<i>Stachybotrys</i>		-	spores/m ³	-
		-	spores/m ³	-
Total Spores	5	67	spores/m³	

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Project #: 26-1551
Project Location: Manteo High School
829 Wingina Ave
Manteo, NC 27954
Project Type: IAQ
PO/Claim #: —

Sample Number: 21
Sample Location: B104
Date Collected: 6/9/26
Test Requested: Non-viable spore trap analysis
Date Analyzed: 6/26/26
Volume (L): 75
Percentage of Slide Read: 100.0%
Detection Limit: 13.33
Particulate Level: low
Notes: —

Spore Identification	Count	Results	Units	Percentage
<i>Cladosporium</i>	1	13	spores/m ³	50%
Ascospores		-	spores/m ³	-
Basidiospores		-	spores/m ³	-
Smuts, <i>Periconia</i> , Myxomycetes		-	spores/m ³	-
<i>Penicillium/Aspergillus</i> Group		-	spores/m ³	-
Hyphal Elements		-	spores/m ³	-
<i>Alternaria</i>		-	spores/m ³	-
<i>Curvularia</i>		-	spores/m ³	-
<i>Epicoccum</i>		-	spores/m ³	-
<i>Cercospora</i>		-	spores/m ³	-
<i>Arthrrium</i>		-	spores/m ³	-
Clear Brown		-	spores/m ³	-
Colorless		-	spores/m ³	-
<i>Trichocladium</i>		-	spores/m ³	-
Unidentified		-	spores/m ³	-
<i>Ulocladium</i>		-	spores/m ³	-
Torula		-	spores/m ³	-
<i>Pithomyces</i>		-	spores/m ³	-
Rust		-	spores/m ³	-
<i>Drechslera/Bipolaris</i>	1	13	spores/m ³	50%
<i>Tetraploa</i>		-	spores/m ³	-
<i>Chaetomium</i>		-	spores/m ³	-
<i>Stachybotrys</i>		-	spores/m ³	-
		-	spores/m ³	-
Total Spores	2	27	spores/m³	

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Project #: 26-1551
Project Location: Manteo High School
829 Wingina Ave
Manteo, NC 27954
Project Type: IAQ
PO/Claim #: —

Sample Number: 22
Sample Location: D102
Date Collected: 6/9/26
Test Requested: Non-viable spore trap analysis
Date Analyzed: 6/26/26
Volume (L): 75
Percentage of Slide Read: 100.0%
Detection Limit: 13.33
Particulate Level: low
Notes: —

Spore Identification	Count	Results	Units	Percentage
<i>Cladosporium</i>	1	13	spores/m ³	25%
Ascospores	1	13	spores/m ³	25%
Basidiospores	1	13	spores/m ³	25%
Smuts, <i>Periconia</i> , Myxomycetes		-	spores/m ³	-
<i>Penicillium/Aspergillus</i> Group		-	spores/m ³	-
Hyphal Elements		-	spores/m ³	-
<i>Alternaria</i>		-	spores/m ³	-
<i>Curvularia</i>		-	spores/m ³	-
<i>Epicoccum</i>	1	13	spores/m ³	25%
<i>Cercospora</i>		-	spores/m ³	-
<i>Arthrrium</i>		-	spores/m ³	-
Clear Brown		-	spores/m ³	-
Colorless		-	spores/m ³	-
<i>Trichocladium</i>		-	spores/m ³	-
Unidentified		-	spores/m ³	-
<i>Ulocladium</i>		-	spores/m ³	-
Torula		-	spores/m ³	-
<i>Pithomyces</i>		-	spores/m ³	-
Rust		-	spores/m ³	-
<i>Drechslera/Bipolaris</i>		-	spores/m ³	-
<i>Tetraploa</i>		-	spores/m ³	-
<i>Chaetomium</i>		-	spores/m ³	-
<i>Stachybotrys</i>		-	spores/m ³	-
		-	spores/m ³	-
Total Spores	4	53	spores/m³	

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3020 S. Wrightsville Avenue
Nags Head, NC

Project #: 26-1551
Project Location: Manteo High School
829 Wingina Ave
Manteo, NC 27954
Project Type: IAQ
PO/Claim #: —

Sample Number: 23
Sample Location: Media Center
Date Collected: 6/9/26
Test Requested: Non-viable spore trap analysis
Date Analyzed: 6/26/26

Volume (L): 75
Percentage of Slide Read: 100.0%
Detection Limit: 13.33
Particulate Level: low-moderate
Notes: —

Spore Identification	Count	Results	Units	Percentage
<i>Cladosporium</i>	2	27	spores/m ³	50%
Ascospores		-	spores/m ³	-
Basidiospores	1	13	spores/m ³	25%
Smuts, <i>Periconia</i> , Myxomycetes	1	13	spores/m ³	25%
<i>Penicillium/Aspergillus</i> Group		-	spores/m ³	-
Hyphal Elements		-	spores/m ³	-
<i>Alternaria</i>		-	spores/m ³	-
<i>Curvularia</i>		-	spores/m ³	-
<i>Epicoccum</i>		-	spores/m ³	-
<i>Cercospora</i>		-	spores/m ³	-
<i>Arthrrium</i>		-	spores/m ³	-
Clear Brown		-	spores/m ³	-
Colorless		-	spores/m ³	-
<i>Trichocladium</i>		-	spores/m ³	-
Unidentified		-	spores/m ³	-
<i>Ulocladium</i>		-	spores/m ³	-
Torula		-	spores/m ³	-
<i>Pithomyces</i>		-	spores/m ³	-
Rust		-	spores/m ³	-
<i>Drechslera/Bipolaris</i>		-	spores/m ³	-
<i>Tetraploa</i>		-	spores/m ³	-
<i>Chaetomium</i>		-	spores/m ³	-
<i>Stachybotrys</i>		-	spores/m ³	-
		-	spores/m ³	-
Total Spores	4	53	spores/m³	

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Project #: 26-1551
Project Location: Manteo High School
829 Wingina Ave
Manteo, NC 27954
Project Type: IAQ
PO/Claim #: —

Sample Number: 24
Sample Location: Admin Hall/101D
Date Collected: 6/9/26
Test Requested: Non-viable spore trap analysis
Date Analyzed: 6/26/26

Volume (L): 75
Percentage of Slide Read: 100.0%
Detection Limit: 13.33
Particulate Level: low
Notes: —

Spore Identification	Count	Results	Units	Percentage
<i>Cladosporium</i>	3	40	spores/m ³	75%
Ascospores		-	spores/m ³	-
Basidiospores		-	spores/m ³	-
Smuts, <i>Periconia</i> , Myxomycetes		-	spores/m ³	-
<i>Penicillium</i> / <i>Aspergillus</i> Group		-	spores/m ³	-
Hyphal Elements	1	13	spores/m ³	25%
<i>Alternaria</i>		-	spores/m ³	-
<i>Curvularia</i>		-	spores/m ³	-
<i>Epicoccum</i>		-	spores/m ³	-
<i>Cercospora</i>		-	spores/m ³	-
<i>Arthrrium</i>		-	spores/m ³	-
Clear Brown		-	spores/m ³	-
Colorless		-	spores/m ³	-
<i>Trichocladium</i>		-	spores/m ³	-
Unidentified		-	spores/m ³	-
<i>Ulocladium</i>		-	spores/m ³	-
Torula		-	spores/m ³	-
<i>Pithomyces</i>		-	spores/m ³	-
Rust		-	spores/m ³	-
<i>Drechslera</i> / <i>Bipolaris</i>		-	spores/m ³	-
<i>Tetraploa</i>		-	spores/m ³	-
<i>Chaetomium</i>		-	spores/m ³	-
<i>Stachybotrys</i>		-	spores/m ³	-
		-	spores/m ³	-
Total Spores	4	53	spores/m³	

Analyzed by: Cathy A. Richmond, B.S.



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Nags Head, NC

Project #: 26-1551
Project Location: Manteo High School
829 Wingina Ave
Manteo, NC 27954
Project Type: IAQ
PO/Claim #: —

Sample Number: 25
Sample Location: Music A102
Date Collected: 6/9/26
Test Requested: Non-viable spore trap analysis
Date Analyzed: 6/26/26

Volume (L): 75
Percentage of Slide Read: 100.0%
Detection Limit: 13.33
Particulate Level: low
Notes: —

Spore Identification	Count	Results	Units	Percentage
<i>Cladosporium</i>		-	spores/m ³	-
Ascospores		-	spores/m ³	-
Basidiospores		-	spores/m ³	-
Smuts, <i>Periconia</i> , Myxomycetes		-	spores/m ³	-
<i>Penicillium/Aspergillus</i> Group		-	spores/m ³	-
Hyphal Elements	2	27	spores/m ³	100%
<i>Alternaria</i>		-	spores/m ³	-
<i>Curvularia</i>		-	spores/m ³	-
<i>Epicoccum</i>		-	spores/m ³	-
<i>Cercospora</i>		-	spores/m ³	-
<i>Arthrrium</i>		-	spores/m ³	-
Clear Brown		-	spores/m ³	-
Colorless		-	spores/m ³	-
<i>Trichocladium</i>		-	spores/m ³	-
Unidentified		-	spores/m ³	-
<i>Ulocladium</i>		-	spores/m ³	-
Torula		-	spores/m ³	-
<i>Pithomyces</i>		-	spores/m ³	-
Rust		-	spores/m ³	-
<i>Drechslera/Bipolaris</i>		-	spores/m ³	-
<i>Tetraploa</i>		-	spores/m ³	-
<i>Chaetomium</i>		-	spores/m ³	-
<i>Stachybotrys</i>		-	spores/m ³	-
		-	spores/m ³	-
Total Spores	2	27	spores/m³	

Analyzed by: Cathy A. Richmond, B.S.



LRC Indoor Testing and Research
 200 Commonwealth Ct, Suite 101
 Cary, NC 27511
 (919) 342-4936

Certificate of Laboratory Analysis

Non-Viable Spore Trap Analysis

Dare County Schools
Ian Adams
3020 S. Wrightsville Avenue
Nags Head, NC

Project #: 26-1551
Project Location: Manteo High School
 829 Wingina Ave
 Manteo, NC 27954
Project Type: IAQ
PO/Claim #: —

Sample Number: 26
Sample Location: A103
Date Collected: 6/9/26
Test Requested: Non-viable spore trap analysis
Date Analyzed: 6/26/26

Volume (L): 75
Percentage of Slide Read: 100.0%
Detection Limit: 13.33
Particulate Level: low
Notes: —

Spore Identification	Count	Results	Units	Percentage
<i>Cladosporium</i>	2	27	spores/m ³	40%
Ascospores		-	spores/m ³	-
Basidiospores	1	13	spores/m ³	20%
Smuts, <i>Periconia</i> , Myxomycetes		-	spores/m ³	-
<i>Penicillium/Aspergillus</i> Group	1	13	spores/m ³	20%
Hyphal Elements	1	13	spores/m ³	20%
<i>Alternaria</i>		-	spores/m ³	-
<i>Curvularia</i>		-	spores/m ³	-
<i>Epicoccum</i>		-	spores/m ³	-
<i>Cercospora</i>		-	spores/m ³	-
<i>Arthrrium</i>		-	spores/m ³	-
Clear Brown		-	spores/m ³	-
Colorless		-	spores/m ³	-
<i>Trichocladium</i>		-	spores/m ³	-
Unidentified		-	spores/m ³	-
<i>Ulocladium</i>		-	spores/m ³	-
Torula		-	spores/m ³	-
<i>Pithomyces</i>		-	spores/m ³	-
Rust		-	spores/m ³	-
<i>Drechslera/Bipolaris</i>		-	spores/m ³	-
<i>Tetraploa</i>		-	spores/m ³	-
<i>Chaetomium</i>		-	spores/m ³	-
<i>Stachybotrys</i>		-	spores/m ³	-
		-	spores/m ³	-
Total Spores	5	67	spores/m³	

Analyzed by: Cathy A. Richmond, B.S.



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Non-Viable Spore Trap Analysis

Dare County Schools
Ian Adams
3020 S. Wrightsville Avenue
Nags Head, NC
—

Project #: 26-1551
Project Location: Manteo High School
829 Wingina Ave
Manteo, NC 27954
Project Type: IAQ
PO/Claim #: —

Sample Number: 27
Sample Location: Outdoor Air
Date Collected: 6/9/26
Test Requested: Non-viable spore trap analysis
Date Analyzed: 6/26/26

Volume (L): 75
Percentage of Slide Read: 50.0%
Detection Limit: 26.67
Particulate Level: low-moderate
Notes: —

Spore Identification	Count	Results	Units	Percentage
<i>Cladosporium</i>	9	240	spores/m ³	12%
Ascospores	50	1333	spores/m ³	64%
Basidiospores	12	320	spores/m ³	15%
Smuts, <i>Periconia</i> , Myxomycetes	3	80	spores/m ³	4%
<i>Penicillium/Aspergillus</i> Group		-	spores/m ³	-
Hyphal Elements	2	53	spores/m ³	3%
<i>Alternaria</i>	1	27	spores/m ³	1%
<i>Curvularia</i>	1	27	spores/m ³	1%
<i>Epicoecum</i>		-	spores/m ³	-
<i>Cercospora</i>		-	spores/m ³	-
<i>Arthrimum</i>		-	spores/m ³	-
Clear Brown		-	spores/m ³	-
Colorless		-	spores/m ³	-
<i>Trichocladium</i>		-	spores/m ³	-
Unidentified		-	spores/m ³	-
<i>Ulocladium</i>		-	spores/m ³	-
Torula		-	spores/m ³	-
<i>Pithomyces</i>		-	spores/m ³	-
Rust		-	spores/m ³	-
<i>Drechslera/Bipolaris</i>		-	spores/m ³	-
<i>Tetraploa</i>		-	spores/m ³	-
<i>Chaetomium</i>		-	spores/m ³	-
<i>Stachybotrys</i>		-	spores/m ³	-
		-	spores/m ³	-
Total Spores	78	2080	spores/m³	

Analyzed by: Cathy A. Richmond, B.S.



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Certificate of Laboratory Analysis

Non-Viable Spore Trap Analysis

Project #: **26-1551**

Report Information:

DETECTION LIMITS (DL) for samples are the minimum number of spores or colonies forming units that can be satisfactorily identified for each sample type.

SPORE TRAP SAMPLES: Calculations based on volume of air sampled & percentage of slide counted, i.e. DL = 1000 L / 75 L if 100% of the slide is counted.

CODE 11: Fungal content and/or particulate level on slide too heavy to identify and enumerate fungal content.

Footnotes:

1. *Penicillium/Aspergillus* group spores are characterized by their small size, round to ovoid shape, being unicellular and usually colorless to lightly pigmented. There are numerous genera of fungi whose spore morphology is similar to that of the *Penicillium/Aspergillus* type. Several common examples would be *Acremonium*, *Paecilomyces*, and *Trichoderma*. Although the majority of spores placed in this group are *Penicillium*, *Aspergillus*, or a combination of both, these are not the only two possibilities.
2. Basidiospores are primarily transported indoors from outdoor sources and rarely grow indoors. A high basidiospore count indoors can be indicative of a wood decay problem or wet soil, and should be verified if and an outdoor source of the spores is not present.
3. Hyphae are the tubular filaments of fungi. Hyphae can fragment and become airborne much like spores and are potentially allergenic.
4. The Smut, *Periconia*, Myxomycete group is a group composed of three different types of organisms whose spores have similar morphologies. Smuts are plant pathogens, *Periconia* is a relatively uncommon mold indoors, and Myxomycetes are not fungi, but slime molds. Although these organisms do not typically proliferate indoors, their spores are potentially allergenic.
5. Rusts are plant pathogens. These fungi do not typically grow indoors unless an infected plant is present. Rust spores are potentially allergenic.

Direct Microscopic Exam Reporting:

We use a 400x-600x magnification microscope.

Reporting Quantification Levels are as follows:

Reporting Level	Quantitative Description
Occasional	1-10 per square inch
Few	11-100 per square inch
Moderate	101-1000 per square inch
Numerous	More than 1,000 per square inch

Submitted By Analyst:

Cathy A. Richmond, BS

6/26/2026