



**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 #:** 26-1545  
**Project Location:** Cape Hatteras Secondary  
 48576 NC HWY 12  
 Buxton, NC  
**Project Type:** IAQ  
**PO/Claim #:** -

**Table 1: Non-Viable Air Samples**

| Date Collected:                                           | 6/10/26             | 6/10/26        | 6/10/26             | 6/10/26        | 6/10/26           |
|-----------------------------------------------------------|---------------------|----------------|---------------------|----------------|-------------------|
|                                                           | 1                   | 2              | 3                   | 4              | 5                 |
| Spore Identification                                      | Guidance            | Cafeteria      | CR 305              | CR 308         | Hall at Restrooms |
| <i>Cladosporium</i>                                       | 13                  | 147            | -                   | 40             | 27                |
| Ascospores                                                | 40                  | 27             | -                   | -              | -                 |
| Basidiospores <sup>2</sup>                                | -                   | -              | -                   | 13             | 13                |
| Smuts, <i>Periconia</i> , <i>Myxomycetes</i> <sup>4</sup> | 40                  | -              | -                   | 13             | -                 |
| <i>Penicillium/Aspergillus</i> Group <sup>1</sup>         | 13                  | -              | 27                  | 13             | -                 |
| Hyphal Elements <sup>3</sup>                              | -                   | 40             | -                   | -              | -                 |
| <i>Alternaria</i>                                         | -                   | -              | -                   | -              | -                 |
| <i>Curvularia</i>                                         | -                   | -              | -                   | -              | -                 |
| <i>Epicoccum</i>                                          | -                   | -              | -                   | -              | -                 |
| <i>Cercospora</i>                                         | -                   | -              | -                   | -              | -                 |
| <i>Arthrimum</i>                                          | -                   | -              | -                   | -              | -                 |
| Clear Brown                                               | -                   | -              | -                   | -              | -                 |
| Colorless                                                 | -                   | -              | -                   | -              | -                 |
| <i>Trichocladium</i>                                      | -                   | -              | -                   | -              | -                 |
| Unidentified                                              | 13                  | -              | -                   | -              | -                 |
| <i>Ulocladium</i>                                         | -                   | -              | -                   | -              | -                 |
| <i>Torula</i>                                             | -                   | -              | -                   | -              | -                 |
| <i>Pithomyces</i>                                         | -                   | -              | -                   | -              | -                 |
| Rust <sup>5</sup>                                         | -                   | -              | -                   | -              | -                 |
| <i>Drechslera/Bipolaris</i>                               | -                   | -              | -                   | -              | -                 |
| <i>Tetraploa</i>                                          | -                   | -              | -                   | -              | -                 |
| <i>Chaetomium</i>                                         | -                   | -              | -                   | -              | -                 |
| <i>Stachybotrys</i>                                       | -                   | -              | -                   | -              | -                 |
|                                                           | -                   | -              | -                   | -              | -                 |
| <b>Total Spores/m<sup>3</sup></b>                         | <b>120</b>          | <b>213</b>     | <b>27</b>           | <b>80</b>      | <b>40</b>         |
| <b>Particulate Level</b>                                  | <b>low-moderate</b> | <b>low</b>     | <b>low-moderate</b> | <b>low</b>     | <b>moderate</b>   |
| <b>Date Analyzed:</b>                                     | <b>6/25/26</b>      | <b>6/25/26</b> | <b>6/25/26</b>      | <b>6/25/26</b> | <b>6/25/26</b>    |

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 48576 NC HWY 12  
 Buxton, NC  
**Project Type:** IAQ  
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**Table 1: Non-Viable Air Samples**

| Date Collected:                                           | 6/10/26             | 6/10/26             | 6/10/26             | 6/10/26        | 6/10/26              |
|-----------------------------------------------------------|---------------------|---------------------|---------------------|----------------|----------------------|
|                                                           | 6                   | 7                   | 8                   | 9              | 10                   |
| Spore Identification                                      | CR 321              | CR149               | Media Center        | Auditorium     | Music Hall/Backstage |
| <i>Cladosporium</i>                                       | 27                  | 27                  | 40                  | 27             | 13                   |
| Ascospores                                                | -                   | -                   | 13                  | -              | -                    |
| Basidiospores <sup>2</sup>                                | 13                  | -                   | 13                  | 13             | 13                   |
| Smuts, <i>Periconia</i> , <i>Myxomycetes</i> <sup>4</sup> | -                   | -                   | 13                  | 13             | -                    |
| <i>Penicillium/Aspergillus</i> Group <sup>1</sup>         | 13                  | -                   | 13                  | 40             | -                    |
| Hyphal Elements <sup>3</sup>                              | 27                  | -                   | -                   | -              | -                    |
| <i>Alternaria</i>                                         | 13                  | -                   | -                   | -              | -                    |
| <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 <sup>5</sup>                                         | -                   | -                   | -                   | -              | -                    |
| <i>Drechslera/Bipolaris</i>                               | -                   | -                   | -                   | -              | -                    |
| <i>Tetraploa</i>                                          | -                   | -                   | -                   | -              | -                    |
| <i>Chaetomium</i>                                         | -                   | -                   | -                   | -              | -                    |
| <i>Stachybotrys</i>                                       | -                   | -                   | -                   | -              | -                    |
|                                                           | -                   | -                   | -                   | -              | -                    |
| <b>Total Spores/m<sup>3</sup></b>                         | <b>93</b>           | <b>27</b>           | <b>107</b>          | <b>93</b>      | <b>27</b>            |
| <b>Particulate Level</b>                                  | <b>low-moderate</b> | <b>low-moderate</b> | <b>low-moderate</b> | <b>low</b>     | <b>low</b>           |
| <b>Date Analyzed:</b>                                     | <b>6/25/26</b>      | <b>6/25/26</b>      | <b>6/25/26</b>      | <b>6/25/26</b> | <b>6/25/26</b>       |

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

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 48576 NC HWY 12  
 Buxton, NC

**Project Type:** IAQ

**PO/Claim #:** —

**Table 1: Non-Viable Air Samples**

| Date Collected:                                           | 6/10/26             | 6/10/26        | 6/10/26        | 6/10/26         | 6/10/26             |
|-----------------------------------------------------------|---------------------|----------------|----------------|-----------------|---------------------|
|                                                           | 11                  | 12             | 13             | 14              | 15                  |
| Spore Identification                                      | Hall near 152       | CR152          | Gym            | PE Office       | Hall at Concessions |
| <i>Cladosporium</i>                                       | 13                  | 13             | 27             | 53              | 27                  |
| Ascospores                                                | 27                  | -              | -              | 40              | 13                  |
| Basidiospores <sup>2</sup>                                | -                   | 13             | -              | 40              | -                   |
| Smuts, <i>Periconia</i> , <i>Myxomycetes</i> <sup>4</sup> | -                   | -              | -              | 40              | 13                  |
| <i>Penicillium/Aspergillus</i> Group <sup>1</sup>         | -                   | -              | -              | 13              | -                   |
| Hyphal Elements <sup>3</sup>                              | 40                  | -              | 13             | 67              | 13                  |
| <i>Alternaria</i>                                         | -                   | -              | -              | -               | -                   |
| <i>Curvularia</i>                                         | -                   | -              | -              | -               | -                   |
| <i>Epicoccum</i>                                          | -                   | -              | -              | 40              | -                   |
| <i>Cercospora</i>                                         | -                   | -              | -              | -               | -                   |
| <i>Arthrinium</i>                                         | -                   | -              | -              | -               | -                   |
| Clear Brown                                               | -                   | -              | -              | -               | -                   |
| Colorless                                                 | -                   | -              | -              | -               | -                   |
| <i>Trichocladium</i>                                      | -                   | -              | -              | -               | -                   |
| Unidentified                                              | -                   | -              | -              | 13              | -                   |
| <i>Ulocladium</i>                                         | -                   | -              | -              | -               | -                   |
| Torula                                                    | -                   | -              | -              | -               | -                   |
| <i>Pithomyces</i>                                         | -                   | -              | -              | -               | -                   |
| Rust <sup>5</sup>                                         | -                   | -              | -              | -               | -                   |
| <i>Drechslera/Bipolaris</i>                               | -                   | -              | -              | -               | 13                  |
| <i>Tetraploa</i>                                          | -                   | -              | -              | -               | -                   |
| <i>Chaetomium</i>                                         | -                   | -              | -              | -               | -                   |
| <i>Stachybotrys</i>                                       | -                   | -              | -              | -               | -                   |
|                                                           | -                   | -              | -              | -               | -                   |
| <b>Total Spores/m<sup>3</sup></b>                         | <b>80</b>           | <b>27</b>      | <b>40</b>      | <b>307</b>      | <b>80</b>           |
| <b>Particulate Level</b>                                  | <b>low-moderate</b> | <b>low</b>     | <b>low</b>     | <b>moderate</b> | <b>moderate</b>     |
| <b>Date Analyzed:</b>                                     | <b>6/25/26</b>      | <b>6/25/26</b> | <b>6/25/26</b> | <b>6/25/26</b>  | <b>6/25/26</b>      |

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**Table 1: Non-Viable Air Samples**

| Date Collected:                                           | 6/10/26        | 6/10/26        | 6/10/26        | 6/10/26        | 6/10/26             |
|-----------------------------------------------------------|----------------|----------------|----------------|----------------|---------------------|
|                                                           | 16             | 17             | 18             | 19             | 20                  |
| Spore Identification                                      | CR 204         | CR 209         | CR 224         | CR 225         | Hall at 220         |
| <i>Cladosporium</i>                                       | 27             | 27             | 27             | 13             | 27                  |
| Ascospores                                                | -              | 13             | 13             | -              | 40                  |
| Basidiospores <sup>2</sup>                                | -              | -              | 27             | -              | 13                  |
| Smuts, <i>Periconia</i> , <i>Myxomycetes</i> <sup>4</sup> | -              | -              | -              | 13             | -                   |
| <i>Penicillium/Aspergillus</i> Group <sup>1</sup>         | -              | -              | 13             | 13             | 40                  |
| Hyphal Elements <sup>3</sup>                              | 27             | -              | -              | 13             | 13                  |
| <i>Alternaria</i>                                         | -              | -              | -              | -              | -                   |
| <i>Curvularia</i>                                         | -              | 13             | -              | -              | -                   |
| <i>Epicoccum</i>                                          | -              | -              | -              | -              | -                   |
| <i>Cercospora</i>                                         | 13             | -              | -              | -              | -                   |
| <i>Arthrimum</i>                                          | -              | -              | -              | -              | -                   |
| Clear Brown                                               | -              | -              | -              | -              | -                   |
| Colorless                                                 | -              | -              | -              | -              | -                   |
| <i>Trichocladium</i>                                      | -              | -              | -              | -              | -                   |
| Unidentified                                              | -              | -              | -              | -              | -                   |
| <i>Ulocladium</i>                                         | -              | -              | -              | -              | -                   |
| <i>Torula</i>                                             | -              | -              | -              | -              | -                   |
| <i>Pithomyces</i>                                         | -              | -              | -              | -              | -                   |
| Rust <sup>5</sup>                                         | -              | -              | -              | -              | -                   |
| <i>Drechslera/Bipolaris</i>                               | -              | -              | -              | -              | -                   |
| <i>Tetraploa</i>                                          | -              | -              | -              | -              | -                   |
| <i>Chaetomium</i>                                         | -              | -              | -              | -              | -                   |
| <i>Stachybotrys</i>                                       | -              | -              | -              | -              | -                   |
|                                                           | -              | -              | -              | -              | -                   |
| <b>Total Spores/m<sup>3</sup></b>                         | <b>67</b>      | <b>53</b>      | <b>80</b>      | <b>53</b>      | <b>133</b>          |
| <b>Particulate Level</b>                                  | <b>low</b>     | <b>low</b>     | <b>low</b>     | <b>low</b>     | <b>low-moderate</b> |
| <b>Date Analyzed:</b>                                     | <b>6/25/26</b> | <b>6/25/26</b> | <b>6/25/26</b> | <b>6/25/26</b> | <b>6/25/26</b>      |

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**Table 1: Non-Viable Air Samples**

| Date Collected:                                           | 6/10/26             | 6/10/26         | 6/10/26        | 6/10/26         |
|-----------------------------------------------------------|---------------------|-----------------|----------------|-----------------|
|                                                           | 21                  | 22              | 23             | 24              |
| Spore Identification                                      | CR 356              | Hall at 359     | CR359          | Outdoor Air     |
| <i>Cladosporium</i>                                       | 40                  | 40              | -              | 120             |
| Ascospores                                                | 13                  | 53              | 13             | 507             |
| Basidiospores <sup>2</sup>                                | 13                  | 40              | 27             | 93              |
| Smuts, <i>Periconia</i> , <i>Myxomycetes</i> <sup>4</sup> | -                   | -               | 13             | 40              |
| <i>Penicillium/Aspergillus</i> Group <sup>1</sup>         | 13                  | 27              | 13             | 67              |
| Hyphal Elements <sup>3</sup>                              | -                   | 13              | -              | 53              |
| <i>Alternaria</i>                                         | -                   | -               | -              | -               |
| <i>Curvularia</i>                                         | -                   | -               | -              | -               |
| <i>Epicoccum</i>                                          | -                   | -               | -              | 13              |
| <i>Cercospora</i>                                         | -                   | -               | -              | 13              |
| <i>Arthrinium</i>                                         | -                   | -               | -              | -               |
| Clear Brown                                               | -                   | -               | -              | -               |
| Colorless                                                 | -                   | -               | -              | -               |
| <i>Trichocladium</i>                                      | -                   | -               | -              | -               |
| Unidentified                                              | -                   | -               | -              | -               |
| <i>Ulocladium</i>                                         | -                   | -               | -              | -               |
| <i>Torula</i>                                             | -                   | -               | -              | -               |
| <i>Pithomyces</i>                                         | -                   | -               | -              | -               |
| Rust <sup>5</sup>                                         | -                   | -               | -              | -               |
| <i>Drechslera/Bipolaris</i>                               | -                   | -               | -              | -               |
| <i>Tetraploa</i>                                          | -                   | -               | -              | -               |
| <i>Chaetomium</i>                                         | -                   | -               | -              | -               |
| <i>Stachybotrys</i>                                       | -                   | -               | -              | -               |
|                                                           | -                   | -               | -              | -               |
| <b>Total Spores/m<sup>3</sup></b>                         | <b>80</b>           | <b>173</b>      | <b>67</b>      | <b>907</b>      |
| <b>Particulate Level</b>                                  | <b>low-moderate</b> | <b>moderate</b> | <b>low</b>     | <b>moderate</b> |
| <b>Date Analyzed:</b>                                     | <b>6/25/26</b>      | <b>6/25/26</b>  | <b>6/25/26</b> | <b>6/25/26</b>  |

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**Nags head, NC**

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**Project Location:** Cape Hatteras Secondary  
48576 NC HWY 12  
Buxton, NC  
**Project Type:** IAQ  
**PO/Claim #:** —

**Sample Number:** 1  
**Sample Location:** Guidance  
**Date Collected:** 6/10/26  
**Test Requested:** Non-viable spore trap analysis  
**Date Analyzed:** 6/25/26  
**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 <sup>3</sup>       | 11%        |
| Ascospores                            | 3        | 40         | spores/m <sup>3</sup>       | 33%        |
| Basidiospores                         |          | -          | spores/m <sup>3</sup>       | -          |
| Smuts, <i>Periconia</i> , Myxomycetes | 3        | 40         | spores/m <sup>3</sup>       | 33%        |
| <i>Penicillium/Aspergillus</i> Group  | 1        | 13         | spores/m <sup>3</sup>       | 11%        |
| Hyphal Elements                       |          | -          | spores/m <sup>3</sup>       | -          |
| <i>Alternaria</i>                     |          | -          | spores/m <sup>3</sup>       | -          |
| <i>Curvularia</i>                     |          | -          | spores/m <sup>3</sup>       | -          |
| <i>Epicoccum</i>                      |          | -          | spores/m <sup>3</sup>       | -          |
| <i>Cercospora</i>                     |          | -          | spores/m <sup>3</sup>       | -          |
| <i>Arthrrium</i>                      |          | -          | spores/m <sup>3</sup>       | -          |
| Clear Brown                           |          | -          | spores/m <sup>3</sup>       | -          |
| Colorless                             |          | -          | spores/m <sup>3</sup>       | -          |
| <i>Trichocladium</i>                  |          | -          | spores/m <sup>3</sup>       | -          |
| Unidentified                          | 1        | 13         | spores/m <sup>3</sup>       | 11%        |
| <i>Ulocladium</i>                     |          | -          | spores/m <sup>3</sup>       | -          |
| Torula                                |          | -          | spores/m <sup>3</sup>       | -          |
| <i>Pithomyces</i>                     |          | -          | spores/m <sup>3</sup>       | -          |
| Rust                                  |          | -          | spores/m <sup>3</sup>       | -          |
| <i>Drechslera/Bipolaris</i>           |          | -          | spores/m <sup>3</sup>       | -          |
| <i>Tetraploa</i>                      |          | -          | spores/m <sup>3</sup>       | -          |
| <i>Chaetomium</i>                     |          | -          | spores/m <sup>3</sup>       | -          |
| <i>Stachybotrys</i>                   |          | -          | spores/m <sup>3</sup>       | -          |
|                                       |          | -          | spores/m <sup>3</sup>       | -          |
| <b>Total Spores</b>                   | <b>9</b> | <b>120</b> | <b>spores/m<sup>3</sup></b> |            |

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**Project Location:** Cape Hatteras Secondary  
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Buxton, NC  
**Project Type:** IAQ  
**PO/Claim #:** —

**Sample Number:** 2  
**Sample Location:** Cafeteria  
**Date Collected:** 6/10/26  
**Test Requested:** Non-viable spore trap analysis  
**Date Analyzed:** 6/25/26  
**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>                   | 11        | 147        | spores/m <sup>3</sup>       | 69%        |
| Ascospores                            | 2         | 27         | spores/m <sup>3</sup>       | 13%        |
| Basidiospores                         |           | -          | spores/m <sup>3</sup>       | -          |
| Smuts, <i>Periconia</i> , Myxomycetes |           | -          | spores/m <sup>3</sup>       | -          |
| <i>Penicillium/Aspergillus</i> Group  |           | -          | spores/m <sup>3</sup>       | -          |
| Hyphal Elements                       | 3         | 40         | spores/m <sup>3</sup>       | 19%        |
| <i>Alternaria</i>                     |           | -          | spores/m <sup>3</sup>       | -          |
| <i>Curvularia</i>                     |           | -          | spores/m <sup>3</sup>       | -          |
| <i>Epicoccum</i>                      |           | -          | spores/m <sup>3</sup>       | -          |
| <i>Cercospora</i>                     |           | -          | spores/m <sup>3</sup>       | -          |
| <i>Arthrrium</i>                      |           | -          | spores/m <sup>3</sup>       | -          |
| Clear Brown                           |           | -          | spores/m <sup>3</sup>       | -          |
| Colorless                             |           | -          | spores/m <sup>3</sup>       | -          |
| <i>Trichocladium</i>                  |           | -          | spores/m <sup>3</sup>       | -          |
| Unidentified                          |           | -          | spores/m <sup>3</sup>       | -          |
| <i>Ulocladium</i>                     |           | -          | spores/m <sup>3</sup>       | -          |
| Torula                                |           | -          | spores/m <sup>3</sup>       | -          |
| <i>Pithomyces</i>                     |           | -          | spores/m <sup>3</sup>       | -          |
| Rust                                  |           | -          | spores/m <sup>3</sup>       | -          |
| <i>Drechslera/Bipolaris</i>           |           | -          | spores/m <sup>3</sup>       | -          |
| <i>Tetraploa</i>                      |           | -          | spores/m <sup>3</sup>       | -          |
| <i>Chaetomium</i>                     |           | -          | spores/m <sup>3</sup>       | -          |
| <i>Stachybotrys</i>                   |           | -          | spores/m <sup>3</sup>       | -          |
|                                       |           | -          | spores/m <sup>3</sup>       | -          |
| <b>Total Spores</b>                   | <b>16</b> | <b>213</b> | <b>spores/m<sup>3</sup></b> |            |

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



**LRC Indoor Testing and Research**  
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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 #:** 26-1545  
**Project Location:** Cape Hatteras Secondary  
48576 NC HWY 12  
Buxton, NC  
**Project Type:** IAQ  
**PO/Claim #:** —

**Sample Number:** 3  
**Sample Location:** CR 305  
**Date Collected:** 6/10/26  
**Test Requested:** Non-viable spore trap analysis  
**Date Analyzed:** 6/25/26  
**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>                           |          | -         | spores/m <sup>3</sup>       | -          |
| Ascospores                                    |          | -         | spores/m <sup>3</sup>       | -          |
| Basidiospores                                 |          | -         | spores/m <sup>3</sup>       | -          |
| Smuts, <i>Periconia</i> , Myxomycetes         |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Penicillium</i> / <i>Aspergillus</i> Group | 2        | 27        | spores/m <sup>3</sup>       | 100%       |
| Hyphal Elements                               |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Alternaria</i>                             |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Curvularia</i>                             |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Epicoccum</i>                              |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Cercospora</i>                             |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Arthrrium</i>                              |          | -         | spores/m <sup>3</sup>       | -          |
| Clear Brown                                   |          | -         | spores/m <sup>3</sup>       | -          |
| Colorless                                     |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Trichocladium</i>                          |          | -         | spores/m <sup>3</sup>       | -          |
| Unidentified                                  |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Ulocladium</i>                             |          | -         | spores/m <sup>3</sup>       | -          |
| Torula                                        |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Pithomyces</i>                             |          | -         | spores/m <sup>3</sup>       | -          |
| Rust                                          |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Drechslera</i> / <i>Bipolaris</i>          |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Tetraploa</i>                              |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Chaetomium</i>                             |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Stachybotrys</i>                           |          | -         | spores/m <sup>3</sup>       | -          |
|                                               |          | -         | spores/m <sup>3</sup>       | -          |
| <b>Total Spores</b>                           | <b>2</b> | <b>27</b> | <b>spores/m<sup>3</sup></b> |            |

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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 #:** 26-1545  
**Project Location:** Cape Hatteras Secondary  
48576 NC HWY 12  
Buxton, NC  
**Project Type:** IAQ  
**PO/Claim #:** —

**Sample Number:** 4  
**Sample Location:** CR 308  
**Date Collected:** 6/10/26  
**Test Requested:** Non-viable spore trap analysis  
**Date Analyzed:** 6/25/26  
**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 <sup>3</sup>       | 50%        |
| Ascospores                            |          | -         | spores/m <sup>3</sup>       | -          |
| Basidiospores                         | 1        | 13        | spores/m <sup>3</sup>       | 17%        |
| Smuts, <i>Periconia</i> , Myxomycetes | 1        | 13        | spores/m <sup>3</sup>       | 17%        |
| <i>Penicillium/Aspergillus</i> Group  | 1        | 13        | spores/m <sup>3</sup>       | 17%        |
| Hyphal Elements                       |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Alternaria</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Curvularia</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Epicoccum</i>                      |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Cercospora</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Arthrrium</i>                      |          | -         | spores/m <sup>3</sup>       | -          |
| Clear Brown                           |          | -         | spores/m <sup>3</sup>       | -          |
| Colorless                             |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Trichocladium</i>                  |          | -         | spores/m <sup>3</sup>       | -          |
| Unidentified                          |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Ulocladium</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| Torula                                |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Pithomyces</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| Rust                                  |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Drechslera/Bipolaris</i>           |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Tetraploa</i>                      |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Chaetomium</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Stachybotrys</i>                   |          | -         | spores/m <sup>3</sup>       | -          |
|                                       |          | -         | spores/m <sup>3</sup>       | -          |
| <b>Total Spores</b>                   | <b>6</b> | <b>80</b> | <b>spores/m<sup>3</sup></b> |            |

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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 #:** 26-1545  
**Project Location:** Cape Hatteras Secondary  
48576 NC HWY 12  
Buxton, NC  
**Project Type:** IAQ  
**PO/Claim #:** —

**Sample Number:** 5  
**Sample Location:** Hall at Restrooms  
**Date Collected:** 6/10/26  
**Test Requested:** Non-viable spore trap analysis  
**Date Analyzed:** 6/25/26

**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 <sup>3</sup>       | 67%        |
| Ascospores                            |          | -         | spores/m <sup>3</sup>       | -          |
| Basidiospores                         | 1        | 13        | spores/m <sup>3</sup>       | 33%        |
| Smuts, <i>Periconia</i> , Myxomycetes |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Penicillium/Aspergillus</i> Group  |          | -         | spores/m <sup>3</sup>       | -          |
| Hyphal Elements                       |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Alternaria</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Curvularia</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Epicoccum</i>                      |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Cercospora</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Arthrrium</i>                      |          | -         | spores/m <sup>3</sup>       | -          |
| Clear Brown                           |          | -         | spores/m <sup>3</sup>       | -          |
| Colorless                             |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Trichocladium</i>                  |          | -         | spores/m <sup>3</sup>       | -          |
| Unidentified                          |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Ulocladium</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| Torula                                |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Pithomyces</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| Rust                                  |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Drechslera/Bipolaris</i>           |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Tetraploa</i>                      |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Chaetomium</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Stachybotrys</i>                   |          | -         | spores/m <sup>3</sup>       | -          |
|                                       |          | -         | spores/m <sup>3</sup>       | -          |
| <b>Total Spores</b>                   | <b>3</b> | <b>40</b> | <b>spores/m<sup>3</sup></b> |            |

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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 #:** 26-1545  
**Project Location:** Cape Hatteras Secondary  
48576 NC HWY 12  
Buxton, NC  
**Project Type:** IAQ  
**PO/Claim #:** —

**Sample Number:** 6  
**Sample Location:** CR 321  
**Date Collected:** 6/10/26  
**Test Requested:** Non-viable spore trap analysis  
**Date Analyzed:** 6/25/26

**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 <sup>3</sup>       | 29%        |
| Ascospores                            |          | -         | spores/m <sup>3</sup>       | -          |
| Basidiospores                         | 1        | 13        | spores/m <sup>3</sup>       | 14%        |
| Smuts, <i>Periconia</i> , Myxomycetes |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Penicillium/Aspergillus</i> Group  | 1        | 13        | spores/m <sup>3</sup>       | 14%        |
| Hyphal Elements                       | 2        | 27        | spores/m <sup>3</sup>       | 29%        |
| <i>Alternaria</i>                     | 1        | 13        | spores/m <sup>3</sup>       | 14%        |
| <i>Curvularia</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Epicoccum</i>                      |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Cercospora</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Arthrrium</i>                      |          | -         | spores/m <sup>3</sup>       | -          |
| Clear Brown                           |          | -         | spores/m <sup>3</sup>       | -          |
| Colorless                             |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Trichocladium</i>                  |          | -         | spores/m <sup>3</sup>       | -          |
| Unidentified                          |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Ulocladium</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| Torula                                |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Pithomyces</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| Rust                                  |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Drechslera/Bipolaris</i>           |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Tetraploa</i>                      |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Chaetomium</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Stachybotrys</i>                   |          | -         | spores/m <sup>3</sup>       | -          |
|                                       |          | -         | spores/m <sup>3</sup>       | -          |
| <b>Total Spores</b>                   | <b>7</b> | <b>93</b> | <b>spores/m<sup>3</sup></b> |            |

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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 #:** 26-1545  
**Project Location:** Cape Hatteras Secondary  
48576 NC HWY 12  
Buxton, NC  
**Project Type:** IAQ  
**PO/Claim #:** —

**Sample Number:** 7  
**Sample Location:** CR149  
**Date Collected:** 6/10/26  
**Test Requested:** Non-viable spore trap analysis  
**Date Analyzed:** 6/25/26

**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 <sup>3</sup>       | 100%       |
| Ascospores                            |          | -         | spores/m <sup>3</sup>       | -          |
| Basidiospores                         |          | -         | spores/m <sup>3</sup>       | -          |
| Smuts, <i>Periconia</i> , Myxomycetes |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Penicillium/Aspergillus</i> Group  |          | -         | spores/m <sup>3</sup>       | -          |
| Hyphal Elements                       |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Alternaria</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Curvularia</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Epicoccum</i>                      |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Cercospora</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Arthrrium</i>                      |          | -         | spores/m <sup>3</sup>       | -          |
| Clear Brown                           |          | -         | spores/m <sup>3</sup>       | -          |
| Colorless                             |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Trichocladium</i>                  |          | -         | spores/m <sup>3</sup>       | -          |
| Unidentified                          |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Ulocladium</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| Torula                                |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Pithomyces</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| Rust                                  |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Drechslera/Bipolaris</i>           |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Tetraploa</i>                      |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Chaetomium</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Stachybotrys</i>                   |          | -         | spores/m <sup>3</sup>       | -          |
|                                       |          | -         | spores/m <sup>3</sup>       | -          |
| <b>Total Spores</b>                   | <b>2</b> | <b>27</b> | <b>spores/m<sup>3</sup></b> |            |

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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 #:** 26-1545  
**Project Location:** Cape Hatteras Secondary  
48576 NC HWY 12  
Buxton, NC  
**Project Type:** IAQ  
**PO/Claim #:** —

**Sample Number:** 8  
**Sample Location:** Media Center  
**Date Collected:** 6/10/26  
**Test Requested:** Non-viable spore trap analysis  
**Date Analyzed:** 6/25/26

**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 <sup>3</sup>       | 38%        |
| Ascospores                            | 1        | 13         | spores/m <sup>3</sup>       | 13%        |
| Basidiospores                         | 1        | 13         | spores/m <sup>3</sup>       | 13%        |
| Smuts, <i>Periconia</i> , Myxomycetes | 1        | 13         | spores/m <sup>3</sup>       | 13%        |
| <i>Penicillium/Aspergillus</i> Group  | 1        | 13         | spores/m <sup>3</sup>       | 13%        |
| Hyphal Elements                       |          | -          | spores/m <sup>3</sup>       | -          |
| <i>Alternaria</i>                     |          | -          | spores/m <sup>3</sup>       | -          |
| <i>Curvularia</i>                     |          | -          | spores/m <sup>3</sup>       | -          |
| <i>Epicoccum</i>                      | 1        | 13         | spores/m <sup>3</sup>       | 13%        |
| <i>Cercospora</i>                     |          | -          | spores/m <sup>3</sup>       | -          |
| <i>Arthrrium</i>                      |          | -          | spores/m <sup>3</sup>       | -          |
| Clear Brown                           |          | -          | spores/m <sup>3</sup>       | -          |
| Colorless                             |          | -          | spores/m <sup>3</sup>       | -          |
| <i>Trichocladium</i>                  |          | -          | spores/m <sup>3</sup>       | -          |
| Unidentified                          |          | -          | spores/m <sup>3</sup>       | -          |
| <i>Ulocladium</i>                     |          | -          | spores/m <sup>3</sup>       | -          |
| Torula                                |          | -          | spores/m <sup>3</sup>       | -          |
| <i>Pithomyces</i>                     |          | -          | spores/m <sup>3</sup>       | -          |
| Rust                                  |          | -          | spores/m <sup>3</sup>       | -          |
| <i>Drechslera/Bipolaris</i>           |          | -          | spores/m <sup>3</sup>       | -          |
| <i>Tetraploa</i>                      |          | -          | spores/m <sup>3</sup>       | -          |
| <i>Chaetomium</i>                     |          | -          | spores/m <sup>3</sup>       | -          |
| <i>Stachybotrys</i>                   |          | -          | spores/m <sup>3</sup>       | -          |
|                                       |          | -          | spores/m <sup>3</sup>       | -          |
| <b>Total Spores</b>                   | <b>8</b> | <b>107</b> | <b>spores/m<sup>3</sup></b> |            |

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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 #:** 26-1545  
**Project Location:** Cape Hatteras Secondary  
48576 NC HWY 12  
Buxton, NC  
**Project Type:** IAQ  
**PO/Claim #:** —

**Sample Number:** 9  
**Sample Location:** Auditorium  
**Date Collected:** 6/10/26  
**Test Requested:** Non-viable spore trap analysis  
**Date Analyzed:** 6/25/26  
**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 <sup>3</sup>       | 29%        |
| Ascospores                            |          | -         | spores/m <sup>3</sup>       | -          |
| Basidiospores                         | 1        | 13        | spores/m <sup>3</sup>       | 14%        |
| Smuts, <i>Periconia</i> , Myxomycetes | 1        | 13        | spores/m <sup>3</sup>       | 14%        |
| <i>Penicillium/Aspergillus</i> Group  | 3        | 40        | spores/m <sup>3</sup>       | 43%        |
| Hyphal Elements                       |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Alternaria</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Curvularia</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Epicoccum</i>                      |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Cercospora</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Arthrrium</i>                      |          | -         | spores/m <sup>3</sup>       | -          |
| Clear Brown                           |          | -         | spores/m <sup>3</sup>       | -          |
| Colorless                             |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Trichocladium</i>                  |          | -         | spores/m <sup>3</sup>       | -          |
| Unidentified                          |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Ulocladium</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| Torula                                |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Pithomyces</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| Rust                                  |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Drechslera/Bipolaris</i>           |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Tetraploa</i>                      |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Chaetomium</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Stachybotrys</i>                   |          | -         | spores/m <sup>3</sup>       | -          |
|                                       |          | -         | spores/m <sup>3</sup>       | -          |
| <b>Total Spores</b>                   | <b>7</b> | <b>93</b> | <b>spores/m<sup>3</sup></b> |            |

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



**LRC Indoor Testing and Research**  
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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 #:** 26-1545  
**Project Location:** Cape Hatteras Secondary  
48576 NC HWY 12  
Buxton, NC  
**Project Type:** IAQ  
**PO/Claim #:** —

**Sample Number:** 10  
**Sample Location:** Music Hall/Backstage  
**Date Collected:** 6/10/26  
**Test Requested:** Non-viable spore trap analysis  
**Date Analyzed:** 6/25/26  
**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 <sup>3</sup>       | 50%        |
| Ascospores                            |          | -         | spores/m <sup>3</sup>       | -          |
| Basidiospores                         | 1        | 13        | spores/m <sup>3</sup>       | 50%        |
| Smuts, <i>Periconia</i> , Myxomycetes |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Penicillium/Aspergillus</i> Group  |          | -         | spores/m <sup>3</sup>       | -          |
| Hyphal Elements                       |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Alternaria</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Curvularia</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Epicoccum</i>                      |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Cercospora</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Arthrrium</i>                      |          | -         | spores/m <sup>3</sup>       | -          |
| Clear Brown                           |          | -         | spores/m <sup>3</sup>       | -          |
| Colorless                             |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Trichocladium</i>                  |          | -         | spores/m <sup>3</sup>       | -          |
| Unidentified                          |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Ulocladium</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| Torula                                |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Pithomyces</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| Rust                                  |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Drechslera/Bipolaris</i>           |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Tetraploa</i>                      |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Chaetomium</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Stachybotrys</i>                   |          | -         | spores/m <sup>3</sup>       | -          |
|                                       |          | -         | spores/m <sup>3</sup>       | -          |
| <b>Total Spores</b>                   | <b>2</b> | <b>27</b> | <b>spores/m<sup>3</sup></b> |            |

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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 #:** 26-1545  
**Project Location:** Cape Hatteras Secondary  
48576 NC HWY 12  
Buxton, NC  
**Project Type:** IAQ  
**PO/Claim #:** —

**Sample Number:** 11  
**Sample Location:** Hall near 152  
**Date Collected:** 6/10/26  
**Test Requested:** Non-viable spore trap analysis  
**Date Analyzed:** 6/25/26

**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 <sup>3</sup>       | 17%        |
| Ascospores                            | 2        | 27        | spores/m <sup>3</sup>       | 33%        |
| Basidiospores                         |          | -         | spores/m <sup>3</sup>       | -          |
| Smuts, <i>Periconia</i> , Myxomycetes |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Penicillium/Aspergillus</i> Group  |          | -         | spores/m <sup>3</sup>       | -          |
| Hyphal Elements                       | 3        | 40        | spores/m <sup>3</sup>       | 50%        |
| <i>Alternaria</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Curvularia</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Epicoccum</i>                      |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Cercospora</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Arthrrium</i>                      |          | -         | spores/m <sup>3</sup>       | -          |
| Clear Brown                           |          | -         | spores/m <sup>3</sup>       | -          |
| Colorless                             |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Trichocladium</i>                  |          | -         | spores/m <sup>3</sup>       | -          |
| Unidentified                          |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Ulocladium</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| Torula                                |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Pithomyces</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| Rust                                  |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Drechslera/Bipolaris</i>           |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Tetraploa</i>                      |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Chaetomium</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Stachybotrys</i>                   |          | -         | spores/m <sup>3</sup>       | -          |
|                                       |          | -         | spores/m <sup>3</sup>       | -          |
| <b>Total Spores</b>                   | <b>6</b> | <b>80</b> | <b>spores/m<sup>3</sup></b> |            |

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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 #:** 26-1545  
**Project Location:** Cape Hatteras Secondary  
48576 NC HWY 12  
Buxton, NC  
**Project Type:** IAQ  
**PO/Claim #:** —

**Sample Number:** 12  
**Sample Location:** CR152  
**Date Collected:** 6/10/26  
**Test Requested:** Non-viable spore trap analysis  
**Date Analyzed:** 6/25/26  
**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 <sup>3</sup>       | 50%        |
| Ascospores                            |          | -         | spores/m <sup>3</sup>       | -          |
| Basidiospores                         | 1        | 13        | spores/m <sup>3</sup>       | 50%        |
| Smuts, <i>Periconia</i> , Myxomycetes |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Penicillium/Aspergillus</i> Group  |          | -         | spores/m <sup>3</sup>       | -          |
| Hyphal Elements                       |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Alternaria</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Curvularia</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Epicoccum</i>                      |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Cercospora</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Arthrrium</i>                      |          | -         | spores/m <sup>3</sup>       | -          |
| Clear Brown                           |          | -         | spores/m <sup>3</sup>       | -          |
| Colorless                             |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Trichocladium</i>                  |          | -         | spores/m <sup>3</sup>       | -          |
| Unidentified                          |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Ulocladium</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| Torula                                |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Pithomyces</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| Rust                                  |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Drechslera/Bipolaris</i>           |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Tetraploa</i>                      |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Chaetomium</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Stachybotrys</i>                   |          | -         | spores/m <sup>3</sup>       | -          |
|                                       |          | -         | spores/m <sup>3</sup>       | -          |
| <b>Total Spores</b>                   | <b>2</b> | <b>27</b> | <b>spores/m<sup>3</sup></b> |            |

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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 #:** 26-1545  
**Project Location:** Cape Hatteras Secondary  
48576 NC HWY 12  
Buxton, NC  
**Project Type:** IAQ  
**PO/Claim #:** —

**Sample Number:** 13  
**Sample Location:** Gym  
**Date Collected:** 6/10/26  
**Test Requested:** Non-viable spore trap analysis  
**Date Analyzed:** 6/25/26  
**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 <sup>3</sup>       | 67%        |
| Ascospores                            |          | -         | spores/m <sup>3</sup>       | -          |
| Basidiospores                         |          | -         | spores/m <sup>3</sup>       | -          |
| Smuts, <i>Periconia</i> , Myxomycetes |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Penicillium/Aspergillus</i> Group  |          | -         | spores/m <sup>3</sup>       | -          |
| Hyphal Elements                       | 1        | 13        | spores/m <sup>3</sup>       | 33%        |
| <i>Alternaria</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Curvularia</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Epicoccum</i>                      |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Cercospora</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Arthrrium</i>                      |          | -         | spores/m <sup>3</sup>       | -          |
| Clear Brown                           |          | -         | spores/m <sup>3</sup>       | -          |
| Colorless                             |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Trichocladium</i>                  |          | -         | spores/m <sup>3</sup>       | -          |
| Unidentified                          |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Ulocladium</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| Torula                                |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Pithomyces</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| Rust                                  |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Drechslera/Bipolaris</i>           |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Tetraploa</i>                      |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Chaetomium</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Stachybotrys</i>                   |          | -         | spores/m <sup>3</sup>       | -          |
|                                       |          | -         | spores/m <sup>3</sup>       | -          |
| <b>Total Spores</b>                   | <b>3</b> | <b>40</b> | <b>spores/m<sup>3</sup></b> |            |

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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 #:** 26-1545  
**Project Location:** Cape Hatteras Secondary  
48576 NC HWY 12  
Buxton, NC  
**Project Type:** IAQ  
**PO/Claim #:** —

**Sample Number:** 14  
**Sample Location:** PE Office  
**Date Collected:** 6/10/26  
**Test Requested:** Non-viable spore trap analysis  
**Date Analyzed:** 6/25/26

**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>                   | 4         | 53         | spores/m <sup>3</sup>       | 17%        |
| Ascospores                            | 3         | 40         | spores/m <sup>3</sup>       | 13%        |
| Basidiospores                         | 3         | 40         | spores/m <sup>3</sup>       | 13%        |
| Smuts, <i>Periconia</i> , Myxomycetes | 3         | 40         | spores/m <sup>3</sup>       | 13%        |
| <i>Penicillium/Aspergillus</i> Group  | 1         | 13         | spores/m <sup>3</sup>       | 4%         |
| Hyphal Elements                       | 5         | 67         | spores/m <sup>3</sup>       | 22%        |
| <i>Alternaria</i>                     |           | -          | spores/m <sup>3</sup>       | -          |
| <i>Curvularia</i>                     |           | -          | spores/m <sup>3</sup>       | -          |
| <i>Epicoccum</i>                      | 3         | 40         | spores/m <sup>3</sup>       | 13%        |
| <i>Cercospora</i>                     |           | -          | spores/m <sup>3</sup>       | -          |
| <i>Arthrrium</i>                      |           | -          | spores/m <sup>3</sup>       | -          |
| Clear Brown                           |           | -          | spores/m <sup>3</sup>       | -          |
| Colorless                             |           | -          | spores/m <sup>3</sup>       | -          |
| <i>Trichocladium</i>                  |           | -          | spores/m <sup>3</sup>       | -          |
| Unidentified                          | 1         | 13         | spores/m <sup>3</sup>       | 4%         |
| <i>Ulocladium</i>                     |           | -          | spores/m <sup>3</sup>       | -          |
| Torula                                |           | -          | spores/m <sup>3</sup>       | -          |
| <i>Pithomyces</i>                     |           | -          | spores/m <sup>3</sup>       | -          |
| Rust                                  |           | -          | spores/m <sup>3</sup>       | -          |
| <i>Drechslera/Bipolaris</i>           |           | -          | spores/m <sup>3</sup>       | -          |
| <i>Tetraploa</i>                      |           | -          | spores/m <sup>3</sup>       | -          |
| <i>Chaetomium</i>                     |           | -          | spores/m <sup>3</sup>       | -          |
| <i>Stachybotrys</i>                   |           | -          | spores/m <sup>3</sup>       | -          |
|                                       |           | -          | spores/m <sup>3</sup>       | -          |
| <b>Total Spores</b>                   | <b>23</b> | <b>307</b> | <b>spores/m<sup>3</sup></b> |            |

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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 #:** 26-1545  
**Project Location:** Cape Hatteras Secondary  
 48576 NC HWY 12  
 Buxton, NC  
**Project Type:** IAQ  
**PO/Claim #:** —

**Sample Number:** 15  
**Sample Location:** Hall at Concessions  
**Date Collected:** 6/10/26  
**Test Requested:** Non-viable spore trap analysis  
**Date Analyzed:** 6/25/26

**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 <sup>3</sup>       | 33%        |
| Ascospores                            | 1        | 13        | spores/m <sup>3</sup>       | 17%        |
| Basidiospores                         |          | -         | spores/m <sup>3</sup>       | -          |
| Smuts, <i>Periconia</i> , Myxomycetes | 1        | 13        | spores/m <sup>3</sup>       | 17%        |
| <i>Penicillium/Aspergillus</i> Group  |          | -         | spores/m <sup>3</sup>       | -          |
| Hyphal Elements                       | 1        | 13        | spores/m <sup>3</sup>       | 17%        |
| <i>Alternaria</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Curvularia</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Epicoccum</i>                      |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Cercospora</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Arthrrium</i>                      |          | -         | spores/m <sup>3</sup>       | -          |
| Clear Brown                           |          | -         | spores/m <sup>3</sup>       | -          |
| Colorless                             |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Trichocladium</i>                  |          | -         | spores/m <sup>3</sup>       | -          |
| Unidentified                          |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Ulocladium</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| Torula                                |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Pithomyces</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| Rust                                  |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Drechslera/Bipolaris</i>           | 1        | 13        | spores/m <sup>3</sup>       | 17%        |
| <i>Tetraploa</i>                      |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Chaetomium</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Stachybotrys</i>                   |          | -         | spores/m <sup>3</sup>       | -          |
|                                       |          | -         | spores/m <sup>3</sup>       | -          |
| <b>Total Spores</b>                   | <b>6</b> | <b>80</b> | <b>spores/m<sup>3</sup></b> |            |

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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 #:** 26-1545  
**Project Location:** Cape Hatteras Secondary  
 48576 NC HWY 12  
 Buxton, NC  
**Project Type:** IAQ  
**PO/Claim #:** —

**Sample Number:** 16  
**Sample Location:** CR 204  
**Date Collected:** 6/10/26  
**Test Requested:** Non-viable spore trap analysis  
**Date Analyzed:** 6/25/26

**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 <sup>3</sup>       | 40%        |
| Ascospores                            |          | -         | spores/m <sup>3</sup>       | -          |
| Basidiospores                         |          | -         | spores/m <sup>3</sup>       | -          |
| Smuts, <i>Periconia</i> , Myxomycetes |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Penicillium/Aspergillus</i> Group  |          | -         | spores/m <sup>3</sup>       | -          |
| Hyphal Elements                       | 2        | 27        | spores/m <sup>3</sup>       | 40%        |
| <i>Alternaria</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Curvularia</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Epicoccum</i>                      |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Cercospora</i>                     | 1        | 13        | spores/m <sup>3</sup>       | 20%        |
| <i>Arthrinium</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| Clear Brown                           |          | -         | spores/m <sup>3</sup>       | -          |
| Colorless                             |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Trichocladium</i>                  |          | -         | spores/m <sup>3</sup>       | -          |
| Unidentified                          |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Ulocladium</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| Torula                                |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Pithomyces</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| Rust                                  |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Drechslera/Bipolaris</i>           |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Tetraploa</i>                      |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Chaetomium</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Stachybotrys</i>                   |          | -         | spores/m <sup>3</sup>       | -          |
|                                       |          | -         | spores/m <sup>3</sup>       | -          |
| <b>Total Spores</b>                   | <b>5</b> | <b>67</b> | <b>spores/m<sup>3</sup></b> |            |

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 #:** 26-1545  
**Project Location:** Cape Hatteras Secondary  
48576 NC HWY 12  
Buxton, NC  
**Project Type:** IAQ  
**PO/Claim #:** —

**Sample Number:** 17  
**Sample Location:** CR 209  
**Date Collected:** 6/10/26  
**Test Requested:** Non-viable spore trap analysis  
**Date Analyzed:** 6/25/26  
**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 <sup>3</sup>       | 50%        |
| Ascospores                            | 1        | 13        | spores/m <sup>3</sup>       | 25%        |
| Basidiospores                         |          | -         | spores/m <sup>3</sup>       | -          |
| Smuts, <i>Periconia</i> , Myxomycetes |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Penicillium/Aspergillus</i> Group  |          | -         | spores/m <sup>3</sup>       | -          |
| Hyphal Elements                       |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Alternaria</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Curvularia</i>                     | 1        | 13        | spores/m <sup>3</sup>       | 25%        |
| <i>Epicoecum</i>                      |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Cercospora</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Arthrrium</i>                      |          | -         | spores/m <sup>3</sup>       | -          |
| Clear Brown                           |          | -         | spores/m <sup>3</sup>       | -          |
| Colorless                             |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Trichocladium</i>                  |          | -         | spores/m <sup>3</sup>       | -          |
| Unidentified                          |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Ulocladium</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| Torula                                |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Pithomyces</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| Rust                                  |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Drechslera/Bipolaris</i>           |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Tetraploa</i>                      |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Chaetomium</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Stachybotrys</i>                   |          | -         | spores/m <sup>3</sup>       | -          |
|                                       |          | -         | spores/m <sup>3</sup>       | -          |
| <b>Total Spores</b>                   | <b>4</b> | <b>53</b> | <b>spores/m<sup>3</sup></b> |            |

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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 #:** 26-1545  
**Project Location:** Cape Hatteras Secondary  
 48576 NC HWY 12  
 Buxton, NC  
**Project Type:** IAQ  
**PO/Claim #:** —

**Sample Number:** 18  
**Sample Location:** CR 224  
**Date Collected:** 6/10/26  
**Test Requested:** Non-viable spore trap analysis  
**Date Analyzed:** 6/25/26

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

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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 #:** 26-1545  
**Project Location:** Cape Hatteras Secondary  
48576 NC HWY 12  
Buxton, NC  
**Project Type:** IAQ  
**PO/Claim #:** —

**Sample Number:** 19  
**Sample Location:** CR 225  
**Date Collected:** 6/10/26  
**Test Requested:** Non-viable spore trap analysis  
**Date Analyzed:** 6/25/26  
**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 <sup>3</sup>       | 25%        |
| Ascospores                                    |          | -         | spores/m <sup>3</sup>       | -          |
| Basidiospores                                 |          | -         | spores/m <sup>3</sup>       | -          |
| Smuts, <i>Periconia</i> , Myxomycetes         | 1        | 13        | spores/m <sup>3</sup>       | 25%        |
| <i>Penicillium</i> / <i>Aspergillus</i> Group | 1        | 13        | spores/m <sup>3</sup>       | 25%        |
| Hyphal Elements                               | 1        | 13        | spores/m <sup>3</sup>       | 25%        |
| <i>Alternaria</i>                             |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Curvularia</i>                             |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Epicoccum</i>                              |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Cercospora</i>                             |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Arthrrium</i>                              |          | -         | spores/m <sup>3</sup>       | -          |
| Clear Brown                                   |          | -         | spores/m <sup>3</sup>       | -          |
| Colorless                                     |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Trichocladium</i>                          |          | -         | spores/m <sup>3</sup>       | -          |
| Unidentified                                  |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Ulocladium</i>                             |          | -         | spores/m <sup>3</sup>       | -          |
| Torula                                        |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Pithomyces</i>                             |          | -         | spores/m <sup>3</sup>       | -          |
| Rust                                          |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Drechslera</i> / <i>Bipolaris</i>          |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Tetraploa</i>                              |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Chaetomium</i>                             |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Stachybotrys</i>                           |          | -         | spores/m <sup>3</sup>       | -          |
|                                               |          | -         | spores/m <sup>3</sup>       | -          |
| <b>Total Spores</b>                           | <b>4</b> | <b>53</b> | <b>spores/m<sup>3</sup></b> |            |

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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 #:** 26-1545  
**Project Location:** Cape Hatteras Secondary  
48576 NC HWY 12  
Buxton, NC  
**Project Type:** IAQ  
**PO/Claim #:** —

**Sample Number:** 20  
**Sample Location:** Hall at 220  
**Date Collected:** 6/10/26  
**Test Requested:** Non-viable spore trap analysis  
**Date Analyzed:** 6/25/26

**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 <sup>3</sup>       | 20%        |
| Ascospores                            | 3         | 40         | spores/m <sup>3</sup>       | 30%        |
| Basidiospores                         | 1         | 13         | spores/m <sup>3</sup>       | 10%        |
| Smuts, <i>Periconia</i> , Myxomycetes |           | -          | spores/m <sup>3</sup>       | -          |
| <i>Penicillium/Aspergillus</i> Group  | 3         | 40         | spores/m <sup>3</sup>       | 30%        |
| Hyphal Elements                       | 1         | 13         | spores/m <sup>3</sup>       | 10%        |
| <i>Alternaria</i>                     |           | -          | spores/m <sup>3</sup>       | -          |
| <i>Curvularia</i>                     |           | -          | spores/m <sup>3</sup>       | -          |
| <i>Epicoccum</i>                      |           | -          | spores/m <sup>3</sup>       | -          |
| <i>Cercospora</i>                     |           | -          | spores/m <sup>3</sup>       | -          |
| <i>Arthrrium</i>                      |           | -          | spores/m <sup>3</sup>       | -          |
| Clear Brown                           |           | -          | spores/m <sup>3</sup>       | -          |
| Colorless                             |           | -          | spores/m <sup>3</sup>       | -          |
| <i>Trichocladium</i>                  |           | -          | spores/m <sup>3</sup>       | -          |
| Unidentified                          |           | -          | spores/m <sup>3</sup>       | -          |
| <i>Ulocladium</i>                     |           | -          | spores/m <sup>3</sup>       | -          |
| Torula                                |           | -          | spores/m <sup>3</sup>       | -          |
| <i>Pithomyces</i>                     |           | -          | spores/m <sup>3</sup>       | -          |
| Rust                                  |           | -          | spores/m <sup>3</sup>       | -          |
| <i>Drechslera/Bipolaris</i>           |           | -          | spores/m <sup>3</sup>       | -          |
| <i>Tetraploa</i>                      |           | -          | spores/m <sup>3</sup>       | -          |
| <i>Chaetomium</i>                     |           | -          | spores/m <sup>3</sup>       | -          |
| <i>Stachybotrys</i>                   |           | -          | spores/m <sup>3</sup>       | -          |
|                                       |           | -          | spores/m <sup>3</sup>       | -          |
| <b>Total Spores</b>                   | <b>10</b> | <b>133</b> | <b>spores/m<sup>3</sup></b> |            |

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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 #:** 26-1545  
**Project Location:** Cape Hatteras Secondary  
48576 NC HWY 12  
Buxton, NC  
**Project Type:** IAQ  
**PO/Claim #:** —

**Sample Number:** 21  
**Sample Location:** CR 356  
**Date Collected:** 6/10/26  
**Test Requested:** Non-viable spore trap analysis  
**Date Analyzed:** 6/25/26

**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 <sup>3</sup>       | 50%        |
| Ascospores                            | 1        | 13        | spores/m <sup>3</sup>       | 17%        |
| Basidiospores                         | 1        | 13        | spores/m <sup>3</sup>       | 17%        |
| Smuts, <i>Periconia</i> , Myxomycetes |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Penicillium/Aspergillus</i> Group  | 1        | 13        | spores/m <sup>3</sup>       | 17%        |
| Hyphal Elements                       |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Alternaria</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Curvularia</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Epicoccum</i>                      |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Cercospora</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Arthrrium</i>                      |          | -         | spores/m <sup>3</sup>       | -          |
| Clear Brown                           |          | -         | spores/m <sup>3</sup>       | -          |
| Colorless                             |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Trichocladium</i>                  |          | -         | spores/m <sup>3</sup>       | -          |
| Unidentified                          |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Ulocladium</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| Torula                                |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Pithomyces</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| Rust                                  |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Drechslera/Bipolaris</i>           |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Tetraploa</i>                      |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Chaetomium</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Stachybotrys</i>                   |          | -         | spores/m <sup>3</sup>       | -          |
|                                       |          | -         | spores/m <sup>3</sup>       | -          |
| <b>Total Spores</b>                   | <b>6</b> | <b>80</b> | <b>spores/m<sup>3</sup></b> |            |

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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 #:** 26-1545  
**Project Location:** Cape Hatteras Secondary  
48576 NC HWY 12  
Buxton, NC  
**Project Type:** IAQ  
**PO/Claim #:** —

**Sample Number:** 22  
**Sample Location:** Hall at 359  
**Date Collected:** 6/10/26  
**Test Requested:** Non-viable spore trap analysis  
**Date Analyzed:** 6/25/26  
**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>                   | 3         | 40         | spores/m <sup>3</sup>       | 23%        |
| Ascospores                            | 4         | 53         | spores/m <sup>3</sup>       | 31%        |
| Basidiospores                         | 3         | 40         | spores/m <sup>3</sup>       | 23%        |
| Smuts, <i>Periconia</i> , Myxomycetes |           | -          | spores/m <sup>3</sup>       | -          |
| <i>Penicillium/Aspergillus</i> Group  | 2         | 27         | spores/m <sup>3</sup>       | 15%        |
| Hyphal Elements                       | 1         | 13         | spores/m <sup>3</sup>       | 8%         |
| <i>Alternaria</i>                     |           | -          | spores/m <sup>3</sup>       | -          |
| <i>Curvularia</i>                     |           | -          | spores/m <sup>3</sup>       | -          |
| <i>Epicoccum</i>                      |           | -          | spores/m <sup>3</sup>       | -          |
| <i>Cercospora</i>                     |           | -          | spores/m <sup>3</sup>       | -          |
| <i>Arthrrium</i>                      |           | -          | spores/m <sup>3</sup>       | -          |
| Clear Brown                           |           | -          | spores/m <sup>3</sup>       | -          |
| Colorless                             |           | -          | spores/m <sup>3</sup>       | -          |
| <i>Trichocladium</i>                  |           | -          | spores/m <sup>3</sup>       | -          |
| Unidentified                          |           | -          | spores/m <sup>3</sup>       | -          |
| <i>Ulocladium</i>                     |           | -          | spores/m <sup>3</sup>       | -          |
| Torula                                |           | -          | spores/m <sup>3</sup>       | -          |
| <i>Pithomyces</i>                     |           | -          | spores/m <sup>3</sup>       | -          |
| Rust                                  |           | -          | spores/m <sup>3</sup>       | -          |
| <i>Drechslera/Bipolaris</i>           |           | -          | spores/m <sup>3</sup>       | -          |
| <i>Tetraploa</i>                      |           | -          | spores/m <sup>3</sup>       | -          |
| <i>Chaetomium</i>                     |           | -          | spores/m <sup>3</sup>       | -          |
| <i>Stachybotrys</i>                   |           | -          | spores/m <sup>3</sup>       | -          |
|                                       |           | -          | spores/m <sup>3</sup>       | -          |
| <b>Total Spores</b>                   | <b>13</b> | <b>173</b> | <b>spores/m<sup>3</sup></b> |            |

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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 #:** 26-1545  
**Project Location:** Cape Hatteras Secondary  
48576 NC HWY 12  
Buxton, NC  
**Project Type:** IAQ  
**PO/Claim #:** —

**Sample Number:** 23  
**Sample Location:** CR359  
**Date Collected:** 6/10/26  
**Test Requested:** Non-viable spore trap analysis  
**Date Analyzed:** 6/25/26  
**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 <sup>3</sup>       | -          |
| Ascospores                            | 1        | 13        | spores/m <sup>3</sup>       | 20%        |
| Basidiospores                         | 2        | 27        | spores/m <sup>3</sup>       | 40%        |
| Smuts, <i>Periconia</i> , Myxomycetes | 1        | 13        | spores/m <sup>3</sup>       | 20%        |
| <i>Penicillium/Aspergillus</i> Group  | 1        | 13        | spores/m <sup>3</sup>       | 20%        |
| Hyphal Elements                       |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Alternaria</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Curvularia</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Epicoccum</i>                      |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Cercospora</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Arthrrium</i>                      |          | -         | spores/m <sup>3</sup>       | -          |
| Clear Brown                           |          | -         | spores/m <sup>3</sup>       | -          |
| Colorless                             |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Trichocladium</i>                  |          | -         | spores/m <sup>3</sup>       | -          |
| Unidentified                          |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Ulocladium</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| Torula                                |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Pithomyces</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| Rust                                  |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Drechslera/Bipolaris</i>           |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Tetraploa</i>                      |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Chaetomium</i>                     |          | -         | spores/m <sup>3</sup>       | -          |
| <i>Stachybotrys</i>                   |          | -         | spores/m <sup>3</sup>       | -          |
|                                       |          | -         | spores/m <sup>3</sup>       | -          |
| <b>Total Spores</b>                   | <b>5</b> | <b>67</b> | <b>spores/m<sup>3</sup></b> |            |

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 #:** 26-1545  
**Project Location:** Cape Hatteras Secondary  
48576 NC HWY 12  
Buxton, NC  
**Project Type:** IAQ  
**PO/Claim #:** —

**Sample Number:** 24  
**Sample Location:** Outdoor Air  
**Date Collected:** 6/10/26  
**Test Requested:** Non-viable spore trap analysis  
**Date Analyzed:** 6/25/26  
**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>                           | 9         | 120        | spores/m <sup>3</sup>       | 13%        |
| Ascospores                                    | 38        | 507        | spores/m <sup>3</sup>       | 56%        |
| Basidiospores                                 | 7         | 93         | spores/m <sup>3</sup>       | 10%        |
| Smuts, <i>Periconia</i> , Myxomycetes         | 3         | 40         | spores/m <sup>3</sup>       | 4%         |
| <i>Penicillium</i> / <i>Aspergillus</i> Group | 5         | 67         | spores/m <sup>3</sup>       | 7%         |
| Hyphal Elements                               | 4         | 53         | spores/m <sup>3</sup>       | 6%         |
| <i>Alternaria</i>                             |           | -          | spores/m <sup>3</sup>       | -          |
| <i>Curvularia</i>                             |           | -          | spores/m <sup>3</sup>       | -          |
| <i>Epicoecum</i>                              | 1         | 13         | spores/m <sup>3</sup>       | 1%         |
| <i>Cercospora</i>                             | 1         | 13         | spores/m <sup>3</sup>       | 1%         |
| <i>Arthrimum</i>                              |           | -          | spores/m <sup>3</sup>       | -          |
| Clear Brown                                   |           | -          | spores/m <sup>3</sup>       | -          |
| Colorless                                     |           | -          | spores/m <sup>3</sup>       | -          |
| <i>Trichocladium</i>                          |           | -          | spores/m <sup>3</sup>       | -          |
| Unidentified                                  |           | -          | spores/m <sup>3</sup>       | -          |
| <i>Ulocladium</i>                             |           | -          | spores/m <sup>3</sup>       | -          |
| Torula                                        |           | -          | spores/m <sup>3</sup>       | -          |
| <i>Pithomyces</i>                             |           | -          | spores/m <sup>3</sup>       | -          |
| Rust                                          |           | -          | spores/m <sup>3</sup>       | -          |
| <i>Drechslera/Bipolaris</i>                   |           | -          | spores/m <sup>3</sup>       | -          |
| <i>Tetraploa</i>                              |           | -          | spores/m <sup>3</sup>       | -          |
| <i>Chaetomium</i>                             |           | -          | spores/m <sup>3</sup>       | -          |
| <i>Stachybotrys</i>                           |           | -          | spores/m <sup>3</sup>       | -          |
|                                               |           | -          | spores/m <sup>3</sup>       | -          |
| <b>Total Spores</b>                           | <b>68</b> | <b>907</b> | <b>spores/m<sup>3</sup></b> |            |

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## Certificate of Laboratory Analysis

### Non-Viable Spore Trap Analysis

Project #: **26-1545**

#### 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**

6/25/2026