

To:

**Orven Newhook**  
 ALL-TECH Environmental  
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**EMC LAB REPORT NUMBER:** 19029  
**Job/Project Name:**  
**Job/Project No:** 8283      **No. of Samples:** 6  
**Sample Type:** RCS      **Date Received:** Nov 27/08  
**Analysis Method(s):** Quantification and Identification to Species  
**Date Analyzed:** Dec 10/08      **Date Reported:** Dec 10/08  
**Analyst:** Fajun Chen, Ph.D., *Principal Mycologist*

| Client's Sample ID                    | FR-01               |   |                    | FR-02               |    |                    | FR-03               |   |                    | FR-04               |   |                    | FR-05             |     |                    |
|---------------------------------------|---------------------|---|--------------------|---------------------|----|--------------------|---------------------|---|--------------------|---------------------|---|--------------------|-------------------|-----|--------------------|
| EMC Lab Sample No.                    | 108469              |   |                    | 108470              |    |                    | 108471              |   |                    | 108472              |   |                    | 108473            |     |                    |
| Sampling Date                         | Nov 26/08           |   |                    | Nov 26/08           |    |                    | Nov 26/08           |   |                    | Nov 26/08           |   |                    | Nov 26/08         |     |                    |
| Description/Location                  | Room 122 - G-7 wing |   |                    | Room 121 - G-7 wing |    |                    | Room 127 - G-7 wing |   |                    | Room 129 - G-7 wing |   |                    | Corridor G-7 wing |     |                    |
| Air Volume (m <sup>3</sup> )          | 0.160               |   |                    | 0.160               |    |                    | 0.160               |   |                    | 0.160               |   |                    | 0.160             |     |                    |
| Fungal Name                           | CFU                 | % | CFU/m <sup>3</sup> | CFU                 | %  | CFU/m <sup>3</sup> | CFU                 | % | CFU/m <sup>3</sup> | CFU                 | % | CFU/m <sup>3</sup> | CFU               | %   | CFU/m <sup>3</sup> |
| <i>Cladosporium cladosporioides</i>   |                     |   |                    | 1                   | 20 | 6                  |                     |   |                    |                     |   |                    |                   |     |                    |
| <i>Cladosporium herbarum</i>          |                     |   |                    | 1                   | 20 | 6                  |                     |   |                    |                     |   |                    |                   |     |                    |
| <i>Penicillium corylophilum</i>       |                     |   |                    | 1                   | 20 | 6                  |                     |   |                    |                     |   |                    |                   |     |                    |
| <i>Penicillium variable</i>           |                     |   |                    |                     |    |                    |                     |   |                    |                     |   |                    |                   |     |                    |
| Yeasts                                |                     |   |                    |                     |    |                    |                     |   |                    |                     |   |                    |                   |     |                    |
| Non-sporulating isolates              |                     |   |                    | 2                   | 40 | 13                 |                     |   |                    |                     |   |                    | 1                 | 100 | 6                  |
| Number of CFU/sample                  | 0                   |   |                    | 5                   |    |                    | 0                   |   |                    | 0                   |   |                    | 1                 |     |                    |
| Detection Limit (CFU/M <sup>3</sup> ) | 6                   |   |                    | 6                   |    |                    | 6                   |   |                    | 6                   |   |                    | 6                 |     |                    |
| <b>TOTAL CFU/M<sup>3</sup></b>        | <b>&lt;6</b>        |   |                    | <b>31</b>           |    |                    | <b>&lt;6</b>        |   |                    | <b>&lt;6</b>        |   |                    | <b>6</b>          |     |                    |

**Note:**

1. CFU = Colony Forming Unit
2. Non-sporulating isolates are those failing to produce spores when identification is performed.
3. These results are only related to the sample(s) analyzed.

# Laboratory Analysis Report

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**Analyst:** Fajun Chen, Ph.D., *Principal Mycologist*

|                                       |              |          |                          |            |          |                          |            |          |                          |            |          |                          |            |          |                          |
|---------------------------------------|--------------|----------|--------------------------|------------|----------|--------------------------|------------|----------|--------------------------|------------|----------|--------------------------|------------|----------|--------------------------|
| <b>Client's Sample ID</b>             | <b>FR-06</b> |          |                          |            |          |                          |            |          |                          |            |          |                          |            |          |                          |
| EMC Lab Sample No.                    | 108474       |          |                          |            |          |                          |            |          |                          |            |          |                          |            |          |                          |
| Sampling Date                         | Nov 26/08    |          |                          |            |          |                          |            |          |                          |            |          |                          |            |          |                          |
| Description/Location                  | Exterior     |          |                          |            |          |                          |            |          |                          |            |          |                          |            |          |                          |
| Air Volume (m <sup>3</sup> )          | 0.160        |          |                          |            |          |                          |            |          |                          |            |          |                          |            |          |                          |
| <b>Fungal Name</b>                    | <b>CFU</b>   | <b>%</b> | <b>CFU/m<sup>3</sup></b> | <b>CFU</b> | <b>%</b> | <b>CFU/m<sup>3</sup></b> | <b>CFU</b> | <b>%</b> | <b>CFU/m<sup>3</sup></b> | <b>CFU</b> | <b>%</b> | <b>CFU/m<sup>3</sup></b> | <b>CFU</b> | <b>%</b> | <b>CFU/m<sup>3</sup></b> |
| <i>Cladosporium cladosporioides</i>   | 1            | 11       | 6                        |            |          |                          |            |          |                          |            |          |                          |            |          |                          |
| <i>Cladosporium herbarum</i>          | 4            | 44       | 25                       |            |          |                          |            |          |                          |            |          |                          |            |          |                          |
| <i>Penicillium corylophilum</i>       |              |          |                          |            |          |                          |            |          |                          |            |          |                          |            |          |                          |
| <i>Penicillium variabile</i>          | 1            | 11       | 6                        |            |          |                          |            |          |                          |            |          |                          |            |          |                          |
| Yeasts                                | 1            | 11       | 6                        |            |          |                          |            |          |                          |            |          |                          |            |          |                          |
| Non-sporulating isolates              | 2            | 22       | 13                       |            |          |                          |            |          |                          |            |          |                          |            |          |                          |
| Number of CFU/sample                  | 9            |          |                          |            |          |                          |            |          |                          |            |          |                          |            |          |                          |
| Detection Limit (CFU/M <sup>3</sup> ) | 6            |          |                          |            |          |                          |            |          |                          |            |          |                          |            |          |                          |
| <b>TOTAL CFU/M<sup>3</sup></b>        | <b>56</b>    |          |                          |            |          |                          |            |          |                          |            |          |                          |            |          |                          |

- Note:**
1. CFU = Colony Forming Unit
  2. Non-sporulating isolates are those failing to produce spores when identification is performed.
  3. These results are only related to the sample(s) analyzed.