

# Town of Colchester, Connecticut

127 Norwich Avenue, Colchester, Connecticut 06415

Andreas Bisbikos, First Selectman

## AGENDA –BOARD OF FINANCE REGULAR MEETING

January 26, 2022 – via Zoom – 7:00 PM

(All items on this agenda are subject to possible action.)

Please click the link below to join the webinar:

<https://us02web.zoom.us/j/84305875196?pwd=U1RlaDkrR1ZVZWpqclhVaVnbnlLdz09>

Passcode: 260678

Or Telephone:

US: +1 312 626 6799 or +1 929 205 6099 or +1 301 715 8592 or +1 346 248 7799 or +1 669 900 6833 or +1 253 215 8782

Webinar ID: 843 0587 5196

1. CALL TO ORDER
2. PLEDGE OF ALLEGIANCE
3. APPROVAL OF MINUTES – Regular Meeting 1/12/2022
4. CITIZENS' COMMENTS
5. ADDITIONS TO THE AGENDA
6. GUESTS: TIFFANY QUINN – PARKS & REC DIRECTOR
7. DEPARTMENT REPORTS
  - a. TAX COLLECTOR
  - b. FINANCE
8. FIRST SELECTMAN REPORT
  - a. TRANSFERS: NONE
  - b. USE OF CAPITAL FUNDS
9. CORRESPONDENCE
10. LIAISON REPORTS
11. OLD BUSINESS
  - a. SURVEY MONKEY
12. NEW BUSINESS
  - a. BUDGET PRIORITIES
13. BUDGET DISCUSSION
14. CITIZENS' COMMENTS

RECEIVED  
COLCHESTER, CT  
2022 JAN 25 AM 8:58  
Gayle Furman  
TOWN CLERK

[Selectman@ColchesterCt.gov](mailto:Selectman@ColchesterCt.gov)

860-537-7220

[www.ColchesterCT.gov](http://www.ColchesterCT.gov)



15. ADJOURNMENT



# *Mystic Air Quality Consultants, Inc.*

*1204 North Road, Groton, Connecticut 06340*

*www.mysticair.com*

*maq2@aol.com*

*800 247-7746*

December 23rd, 2021

Mike Previti [mpreviti@colchesterct.gov](mailto:mpreviti@colchesterct.gov)  
Director of Operations  
Town of Colchester  
127 Norwich Ave  
Colchester, CT 06415

Re: Mold Survey, Colchester Town Hall

Dear Mike,

Mystic Air Quality Consultants, Inc. conducted a mold survey at the Colchester Town Hall in Colchester, CT. The survey was conducted on December 22nd, by Steve Alfano, BS, under the direction of a Certified Industrial Hygienist. The mold air samples were collected using Allergenco-D Cassettes taken at 15 lpm for 5 minutes (75 liters). The mold samples were analyzed by Environmental Hazards Services, LLC an AIHA EMPAT Accredited lab (San-Air, Inc.).

The findings of the air sampling for environmental fungi are presented in Enclosure (1). Please note that even though all mold spores and fragments are potential allergens and a few are potential sources of infection, currently there are no State or Federal legal standards or guidelines for mold levels in the air and in or on surfaces. At extremely high levels the mold spores and particles are irritants that could cause eye and respiratory tract irritation with symptoms including congestion, tearing, coughing, etc. The primary purpose of sampling and inspections is to determine if the levels are higher than normal or higher than outside air and /or control samples. To evaluate mold levels, we normally compare the total counts (pieces of mold and mold spores) per cubic meter of air which is listed under the "Counts/M3" results column for each area with the outside air level. The sample results are presented in Enclosure (1). A summary is as follows:

| <b>Location</b>     | <b>Mold Counts/M3</b> | <b>Notes</b>                |
|---------------------|-----------------------|-----------------------------|
| Selectman's Records | 80                    |                             |
| Food Bank Storage   | 93                    |                             |
| Back Hallway        | 5,227                 | 87% Aspergillus/Penicillium |
| Storage Area        | 240                   |                             |
| Selectman's Lobby   | 213                   |                             |
| Selectman's Office  | 493                   |                             |
| Finance Office      | 1,360                 | 49% Aspergillus/Penicillium |
| Youth Services      | 40                    |                             |
| Main Lobby          | 40                    |                             |





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*800 247-7746*

| <b>Location</b>                | <b>Mold Counts/M3</b> | <b>Notes</b>        |
|--------------------------------|-----------------------|---------------------|
| Meeting Room 1                 | 80                    |                     |
| Hallway Outside Meeting Room 1 | 107                   |                     |
| Outside                        | 720                   | Used for Comparison |

The total interior mold levels in the areas tested were generally lower than the outside (exterior) mold levels on the day of testing. **There was no amount of *Stachybotrys genus mold (also known as “Black Mold”)* found in any samples.** Elevated levels of *Aspergillus/Penicillium* were found in the Back Hallway on the 3<sup>rd</sup> Floor along with the Finance office. Due to an overloaded cassette, a proper analysis was unable to be performed on the sample taken in the First Selectman’s meeting room. Refer to Enclosure 1 Page 6 for the alternate analysis.

The Inspector notes are presented in Enclosure (2). The inspector noted a musty odor in the selectman’s records along with visible mold growth. Water staining was noted on various ceiling tiles throughout the town hall. The relative humidity indoors ranged from 30% to 52%. The key to controlling mold growth is keeping relative humidity below 60%.

Full remediation is deemed necessary in the 3<sup>rd</sup> floor back hallway along with the finance office. This should consist of HEPA Vacuuming and wet wiping with a commercial mold disinfectant all vertical and horizontal surfaces. It may be beneficial to remove any building materials that have a high moisture content. This work should be performed under negative air pressure. The rest of the areas tested do not need any remediation actions at this time.

Sincerely,

Christopher J. Eident, CIH, CSP, RS  
CEO





**The Identification Specialists**

Analysis Report  
prepared for  
Mystic Air Quality Consultants

**Report Date: 12/23/2021**

**Project Name: Colchester, CT**

**Project #: Colchester Town Hall**

**SanAir ID#: 21078202**



10501 Trade Court | North Chesterfield, Virginia 23236

888.895.1177 | 804.897.1177 | fax: 804.897.0070 | [IAQ@SanAir.com](mailto:IAQ@SanAir.com) | [SanAir.com](http://SanAir.com)

Enclosure 1 Page 1 of 9



SanAir ID Number  
21078202  
FINAL REPORT  
12/23/2021 4:43:13 PM

**Name:** Mystic Air Quality Consultants  
**Address:** 1204 North Road  
Groton, CT 06340  
**Phone:** 860-449-8903

**Project Number:** Colchester Town Hall  
**P.O. Number:**  
**Project Name:** Colchester, CT  
**Collected Date:** 12/22/2021  
**Received Date:** 12/23/2021 10:55:00 AM

Dear Steve Alfano,

We at SanAir would like to thank you for the work you recently submitted. The 13 sample(s) were received on Thursday, December 23, 2021 via UPS. The final report(s) is enclosed for the following sample(s): 4424280, 4424266, 4424270, 4424261, 4424259, 4424276, 4424271, 4424262, 4424281, 4424283, 4424260, 4424265, 4424264.

These results only pertain to this job and should not be used in the interpretation of any other job. This report is only complete in its entirety. Refer to the listing below of the pages included in a complete final report.

Sincerely,

L. Claire Macdonald  
Microbiology Laboratory Manager  
SanAir Technologies Laboratory

Final Report Includes:  
- Cover Letter  
- Air Cassette Analysis  
- Air Cassette Analysis  
- Disclaimers and Additional Information

Sample conditions:  
- 13 samples in Good condition.

Enclosure 1 Page 2 of 9



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SanAir ID Number  
**21078202**  
**FINAL REPORT**  
 12/23/2021 4:43:13 PM

Analyst: Acharya, Uttam

## Air Cassette Analysis

ND = None Detected. Blank spaces indicate no spores detected.

| SanAir ID Number             | 21078202-001                |                            |          | 21078202-002                |                            |          | 21078202-003                |                            |          | 21078202-004                |                            |          |
|------------------------------|-----------------------------|----------------------------|----------|-----------------------------|----------------------------|----------|-----------------------------|----------------------------|----------|-----------------------------|----------------------------|----------|
| Analysis Using STL           | 105C                        |                            |          | 105C                        |                            |          | 105C                        |                            |          | 105C                        |                            |          |
| Sample Number                | 4424280                     |                            |          | 4424266                     |                            |          | 4424270                     |                            |          | 4424261                     |                            |          |
| Sample Identification        | Selectmons Records          |                            |          | Food Bank Storage           |                            |          | Back Hallway                |                            |          | Storage Area                |                            |          |
| Sample Type                  | Air Cassette - Allergenco-D |                            |          | Air Cassette - Allergenco-D |                            |          | Air Cassette - Allergenco-D |                            |          | Air Cassette - Allergenco-D |                            |          |
| Volume                       | 75 Liters                   |                            |          | 75 Liters                   |                            |          | 75 Liters                   |                            |          | 75 Liters                   |                            |          |
| Analytical Sensitivity       | 13 Count/M <sup>3</sup>     |                            |          | 13 Count/M <sup>3</sup>     |                            |          | 13 Count/M <sup>3</sup>     |                            |          | 13 Count/M <sup>3</sup>     |                            |          |
| Background Density           | 1+                          |                            |          | 1+                          |                            |          | 2                           |                            |          | 1+                          |                            |          |
| <b>Other</b>                 | <b>Raw Count</b>            | <b>Count/M<sup>3</sup></b> | <b>%</b> | <b>Raw Count</b>            | <b>Count/M<sup>3</sup></b> | <b>%</b> | <b>Raw Count</b>            | <b>Count/M<sup>3</sup></b> | <b>%</b> | <b>Raw Count</b>            | <b>Count/M<sup>3</sup></b> | <b>%</b> |
| Mycelial Fragments           |                             |                            |          |                             |                            |          | 3                           | 40                         | n/a      |                             |                            |          |
| <b>Fungal Identification</b> | <b>Raw Count</b>            | <b>Count/M<sup>3</sup></b> | <b>%</b> | <b>Raw Count</b>            | <b>Count/M<sup>3</sup></b> | <b>%</b> | <b>Raw Count</b>            | <b>Count/M<sup>3</sup></b> | <b>%</b> | <b>Raw Count</b>            | <b>Count/M<sup>3</sup></b> | <b>%</b> |
| Alternaria species           |                             |                            |          |                             |                            |          | 1                           | 13                         | < 1      |                             |                            |          |
| Ascospores                   |                             |                            |          | 1                           | 13                         | 14       | 5                           | 67                         | 1        |                             |                            |          |
| Aspergillus/Penicillium      | 5                           | 67                         | 83       | 3                           | 40                         | 43       | 340                         | 4533                       | 87       | 12                          | 160                        | 67       |
| Basidiospores                | 1                           | 13                         | 17       | 3                           | 40                         | 43       | 42                          | 560                        | 11       | 5                           | 67                         | 28       |
| Chaetomium species           |                             |                            |          |                             |                            |          |                             |                            |          |                             |                            |          |
| Cladosporium species         |                             |                            |          |                             |                            |          | 3                           | 40                         | < 1      |                             |                            |          |
| Curvularia species           |                             |                            |          |                             |                            |          |                             |                            |          |                             |                            |          |
| Fusarium species             |                             |                            |          |                             |                            |          |                             |                            |          |                             |                            |          |
| Pithomyces species           |                             |                            |          |                             |                            |          | 1                           | 13                         | < 1      |                             |                            |          |
| Smuts/Myxomycetes            |                             |                            |          |                             |                            |          |                             |                            |          | 1                           | 13                         | 6        |
| <b>TOTAL</b>                 | <b>6</b>                    | <b>80</b>                  |          | <b>7</b>                    | <b>93</b>                  |          | <b>392</b>                  | <b>5227</b>                |          | <b>18</b>                   | <b>240</b>                 |          |

Signature:

Date: 12/23/2021

Reviewed:

Date: 12/23/2021

Enclosure 1 Page 3 of 9





**Name:** Mystic Air Quality Consultants  
**Address:** 1204 North Road  
 Groton, CT 06340  
**Phone:** 860-449-8903

**Project Number:** Colchester Town Hall  
**P.O. Number:**  
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**Collected Date:** 12/22/2021  
**Received Date:** 12/23/2021 10:55:00 AM

SanAir ID Number  
**21078202**  
**FINAL REPORT**  
 12/23/2021 4:43:13 PM

Analyst: Acharya, Uttam

## Air Cassette Analysis

ND = None Detected. Blank spaces indicate no spores detected.

| SanAir ID Number             | 21078202-006                |                            |          | 21078202-007                |                            |          | 21078202-008                |                            |          | 21078202-009                |                            |          |
|------------------------------|-----------------------------|----------------------------|----------|-----------------------------|----------------------------|----------|-----------------------------|----------------------------|----------|-----------------------------|----------------------------|----------|
| Analysis Using STL           | 105C                        |                            |          | 105C                        |                            |          | 105C                        |                            |          | 105C                        |                            |          |
| Sample Number                | 4424276                     |                            |          | 4424271                     |                            |          | 4424262                     |                            |          | 4424281                     |                            |          |
| Sample Identification        | Selectmons Lobby            |                            |          | Selectmons Office           |                            |          | Finance Office              |                            |          | Youth Services              |                            |          |
| Sample Type                  | Air Cassette - Allergenco-D |                            |          | Air Cassette - Allergenco-D |                            |          | Air Cassette - Allergenco-D |                            |          | Air Cassette - Allergenco-D |                            |          |
| Volume                       | 75 Liters                   |                            |          | 75 Liters                   |                            |          | 75 Liters                   |                            |          | 75 Liters                   |                            |          |
| Analytical Sensitivity       | 13 Count/M <sup>3</sup>     |                            |          | 13 Count/M <sup>3</sup>     |                            |          | 13 Count/M <sup>3</sup>     |                            |          | 13 Count/M <sup>3</sup>     |                            |          |
| Background Density           | 3+                          |                            |          | 2+                          |                            |          | 3+                          |                            |          | 1+                          |                            |          |
| <b>Other</b>                 | <b>Raw Count</b>            | <b>Count/M<sup>3</sup></b> | <b>%</b> | <b>Raw Count</b>            | <b>Count/M<sup>3</sup></b> | <b>%</b> | <b>Raw Count</b>            | <b>Count/M<sup>3</sup></b> | <b>%</b> | <b>Raw Count</b>            | <b>Count/M<sup>3</sup></b> | <b>%</b> |
| Mycelial Fragments           |                             |                            |          |                             |                            |          |                             |                            |          |                             |                            |          |
| <b>Fungal Identification</b> | <b>Raw Count</b>            | <b>Count/M<sup>3</sup></b> | <b>%</b> | <b>Raw Count</b>            | <b>Count/M<sup>3</sup></b> | <b>%</b> | <b>Raw Count</b>            | <b>Count/M<sup>3</sup></b> | <b>%</b> | <b>Raw Count</b>            | <b>Count/M<sup>3</sup></b> | <b>%</b> |
| Alternaria species           |                             |                            |          |                             |                            |          | 1                           | 13                         | < 1      |                             |                            |          |
| Ascospores                   |                             |                            |          | 3                           | 40                         | 8        | 1                           | 13                         | < 1      |                             |                            |          |
| Aspergillus/Penicillium      |                             |                            |          | 5                           | 67                         | 14       | 50                          | 667                        | 49       | 1                           | 13                         | 33       |
| Basidiospores                |                             |                            |          | 21                          | 280                        | 57       | 15                          | 200                        | 15       | 1                           | 13                         | 33       |
| Chaetomium species           |                             |                            |          |                             |                            |          |                             |                            |          |                             |                            |          |
| Cladosporium species         | 8                           | 107                        | 50       | 8                           | 107                        | 22       | 32                          | 427                        | 31       |                             |                            |          |
| Curvularia species           |                             |                            |          |                             |                            |          |                             |                            |          | 1                           | 13                         | 33       |
| Fusarium species             |                             |                            |          |                             |                            |          | 1                           | 13                         | < 1      |                             |                            |          |
| Pithomyces species           | 1                           | 13                         | 6        |                             |                            |          |                             |                            |          |                             |                            |          |
| Smuts/Myxomycetes            | 7                           | 93                         | 44       |                             |                            |          | 2                           | 27                         | 2        |                             |                            |          |
| <b>TOTAL</b>                 | <b>16</b>                   | <b>213</b>                 |          | <b>37</b>                   | <b>493</b>                 |          | <b>102</b>                  | <b>1360</b>                |          | <b>3</b>                    | <b>40</b>                  |          |

Signature:

Date: 12/23/2021

Reviewed:

Date: 12/23/2021

Enclosure 1 Page 4 of 9





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SanAir ID Number  
**21078202**  
**FINAL REPORT**  
 12/23/2021 4:43:13 PM

Analyst: Acharya, Uttam

## Air Cassette Analysis

ND = None Detected. Blank spaces indicate no spores detected.

| SanAir ID Number             | 21078202-010                |                            |          | 21078202-011                |                            |          | 21078202-012                   |                            |          | 21078202-013                |                            |          |
|------------------------------|-----------------------------|----------------------------|----------|-----------------------------|----------------------------|----------|--------------------------------|----------------------------|----------|-----------------------------|----------------------------|----------|
| Analysis Using STL           | 105C                        |                            |          | 105C                        |                            |          | 105C                           |                            |          | 105C                        |                            |          |
| Sample Number                | 4424283                     |                            |          | 4424260                     |                            |          | 4424265                        |                            |          | 4424264                     |                            |          |
| Sample Identification        | Main Lobby                  |                            |          | Meeting Room 1              |                            |          | Hallway Outside Meeting Room 1 |                            |          | Outside                     |                            |          |
| Sample Type                  | Air Cassette - Allergenco-D |                            |          | Air Cassette - Allergenco-D |                            |          | Air Cassette - Allergenco-D    |                            |          | Air Cassette - Allergenco-D |                            |          |
| Volume                       | 75 Liters                   |                            |          | 75 Liters                   |                            |          | 75 Liters                      |                            |          | 75 Liters                   |                            |          |
| Analytical Sensitivity       | 13 Count/M <sup>3</sup>     |                            |          | 13 Count/M <sup>3</sup>     |                            |          | 13 Count/M <sup>3</sup>        |                            |          | 13 Count/M <sup>3</sup>     |                            |          |
| Background Density           | 2                           |                            |          | 2                           |                            |          | 2                              |                            |          | 1+                          |                            |          |
| <b>Other</b>                 | <b>Raw Count</b>            | <b>Count/M<sup>3</sup></b> | <b>%</b> | <b>Raw Count</b>            | <b>Count/M<sup>3</sup></b> | <b>%</b> | <b>Raw Count</b>               | <b>Count/M<sup>3</sup></b> | <b>%</b> | <b>Raw Count</b>            | <b>Count/M<sup>3</sup></b> | <b>%</b> |
| Mycelial Fragments           |                             |                            |          |                             |                            |          |                                |                            |          |                             |                            |          |
| <b>Fungal Identification</b> | <b>Raw Count</b>            | <b>Count/M<sup>3</sup></b> | <b>%</b> | <b>Raw Count</b>            | <b>Count/M<sup>3</sup></b> | <b>%</b> | <b>Raw Count</b>               | <b>Count/M<sup>3</sup></b> | <b>%</b> | <b>Raw Count</b>            | <b>Count/M<sup>3</sup></b> | <b>%</b> |
| Alternaria species           |                             |                            |          |                             |                            |          |                                |                            |          |                             |                            |          |
| Ascospores                   |                             |                            |          |                             |                            |          |                                |                            |          | 6                           | 80                         | 11       |
| Aspergillus/Penicillium      |                             |                            |          | 2                           | 27                         | 33       |                                |                            |          | 39                          | 520                        | 72       |
| Basidiospores                | 1                           | 13                         | 33       | 1                           | 13                         | 17       | 3                              | 40                         | 37       | 8                           | 107                        | 15       |
| Chaetomium species           |                             |                            |          | 1                           | 13                         | 17       |                                |                            |          |                             |                            |          |
| Cladosporium species         | 2                           | 27                         | 67       |                             |                            |          | 2                              | 27                         | 25       |                             |                            |          |
| Curvularia species           |                             |                            |          |                             |                            |          |                                |                            |          |                             |                            |          |
| Fusarium species             |                             |                            |          |                             |                            |          |                                |                            |          |                             |                            |          |
| Pithomyces species           |                             |                            |          |                             |                            |          | 1                              | 13                         | 12       |                             |                            |          |
| Smuts/Myxomycetes            |                             |                            |          | 2                           | 27                         | 33       | 2                              | 27                         | 25       | 1                           | 13                         | 2        |
| <b>TOTAL</b>                 | <b>3</b>                    | <b>40</b>                  |          | <b>6</b>                    | <b>80</b>                  |          | <b>8</b>                       | <b>107</b>                 |          | <b>54</b>                   | <b>720</b>                 |          |

Signature:

Date: 12/23/2021

Reviewed:

Date: 12/23/2021

Enclosure 1 Page 5 of 9



SanAir ID Number  
**21078202**  
FINAL REPORT  
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**Project Number:** Colchester Town Hall  
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**Project Name:** Colchester, CT  
**Collected Date:** 12/22/2021  
**Received Date:** 12/23/2021 10:55:00 AM

Analyst: Acharya, Uttam

### Modified Air Cassette Analysis


SanAir ID: 21078202-005 Sample #:4424259 Selectmons Meeting Office

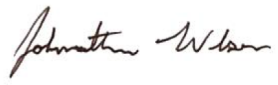
#### A4 - Modified Air Cassette Analysis on Air Cassette - Allergenco-D using STL 105C

##### Modified Air Cassette Analysis

- Fungi**
- Aspergillus/Penicillium
  - Basidiospores
  - Cladosporium species
  - Epicoccum species
  - Smuts/Myxomycetes

A modified air cassette analysis was performed on samples identified as having a background density of 4. This indicates that the sample(s) was too overloaded with particulate to allow for the standard air cassette analysis. The fungi reported may not be inclusive of all mold spores present due to the excessive amount of debris. Additional sampling is needed for a standard air cassette analysis report.

Signature:   
Date: 12/23/2021

Reviewed:   
Date: 12/23/2021

Enclosure 1 Page 6 of 9



SanAir ID Number  
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12/23/2021 4:43:13 PM

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**Received Date:** 12/23/2021 10:55:00 AM

## Organism Descriptions

*The descriptions of the organisms presented are derived from various reference materials. The laboratory report is based on the data derived from the samples submitted and no interpretation of the data, as to potential, or actual, health effects resulting from exposure to the numbers of organisms found, can be made by laboratory personnel. Any interpretation of the potential health effects of the presence of this organism must be made by qualified professional personnel with first hand knowledge of the sample site, and the problems associated with that site.*

**Mycelial Fragments** - A mycelium (plural = mycelia) is the "body" of a fungus. It is a collective term for hyphae (singular = hypha), which are the tubular units of the mycelium usually composed of chitin. The terms hyphae and mycelial fragments are used interchangeably. [This information was referenced from the mycology text "The Fifth Kingdom"] In some cases a fungal identification cannot be obtained due to lack of sporulation. Only the mycelial fragments are present, and cannot be identified without the distinguishing characteristics of the spores or the structures they grow from.

**Health Effects:** Allergic reactions may occur in the presence of spores (conidia) or mycelial/hyphal fragments.

**Alternaria species** - This genus comprises a large number of saprobes and plant pathogens. It is one of the predominate airborne fungal spores indoor and outdoor. Outdoors it may be isolated from samples of soil, seeds, and plants. It is one of the more common fungi found in nature, extremely widespread and ubiquitous. Conidia are easily carried by the wind, with peak concentrations in the summer and early fall. It is commonly found in outdoor samples. It is often found in indoor environments, on drywall, ceiling tiles, in house dust, carpets, textiles, and on horizontal surfaces in building interiors. Often found on window frames. This genus also includes species that were once identified as *Ullocladium*. Genetic testing has shown that the two are not phylogenetically distinct, and as such have been combined.

**Health Effects:** In humans, it is recognized to cause allergic responses. Because of the large size of the spores, it can be deposited in the nose, mouth and upper respiratory tract, causing nasal septum infections. It has been known to cause Baker's asthma, farmer's lung, and hay fever. It has been associated with hypersensitivity pneumonitis, sinusitis, dermatomycosis, onychomycosis, subcutaneous phaeohyphomycosis, and invasive infection. Common cause of extrinsic asthma (immediate-type hypersensitivity: type I). Acute symptoms include edema and bronchospasms, chronic cases may develop pulmonary emphysema.

**References:** Flannigan, Brian, Robert A. Samson, and J. David Miller, eds. *Microorganisms in Home and Indoor Work Environments*. London and NY: Taylor & Francis, 2001. de Hoog, G.S. et al. *Atlas of Clinical Fungi*. 4th ed. Foundation Atlas of Clinical Fungi. 2020

**Ascospores** - From the fungal Subphylum Ascomycotina. Ascospores are ubiquitous in nature and are commonly found in the outdoor environment. This class contains the "sac fungi" and yeasts. Some ascospores can be identified by spore morphology, however; some care should be exercised with regard to specific identification. They are identified on tape lifts and non-viable analysis by the fact that they have no attachment scars and are sometimes enclosed in sheaths with or without sacs.

Ascomycetes may develop both sexual and asexual stages. Rain and high humidity may help asci to release, and disperse ascospores, which is why during these weather conditions there is a great increase in counts.

**Health Effects:** This group contains possible allergens.

**Aspergillus/Penicillium** - These spores are easily aerosolized. Only through the visualization of reproductive structures can the genera be distinguished. Also included in this group are the spores of the genera *Acremonium*, *Phialophora*, *Verticillium*, *Paecilomyces*, etc. Small, round spores of this group lack the necessary distinguishing characteristics when seen on non-viable examination.

**Health Effects:** Can cause a variety of symptoms including allergic reactions. Most symptoms occur if the individual is immunocompromised in some way (HIV, cancer, etc). Both *Penicillium* and *Aspergillus* spores share similar morphology on non-viable analysis and therefore are lumped together into the same group.

Enclosure 1 Page 7 of 9



**Name:** Mystic Air Quality Consultants  
**Address:** 1204 North Road  
Groton, CT 06340  
**Phone:** 860-449-8903

**Project Number:** Colchester Town Hall  
**P.O. Number:**  
**Project Name:** Colchester, CT  
**Collected Date:** 12/22/2021  
**Received Date:** 12/23/2021 10:55:00 AM

## Organism Descriptions

*The descriptions of the organisms presented are derived from various reference materials. The laboratory report is based on the data derived from the samples submitted and no interpretation of the data, as to potential, or actual, health effects resulting from exposure to the numbers of organisms found, can be made by laboratory personnel. Any interpretation of the potential health effects of the presence of this organism must be made by qualified professional personnel with first hand knowledge of the sample site, and the problems associated with that site.*

**Basidiospores** - From the Subphylum Basidiomycotina which contains the mushrooms, shelf fungi, and a variety of other macrofungi. They are saprophytes, ectomycorrhizal fungi or agents of wood rot, which may destroy the structure wood of buildings. It is extremely difficult to identify a specific genera of mushrooms by using standard culture plate techniques. Some basidiomycete spores can be identified by spore morphology; however, some care should be exercised with regard to specific identification. The release of basidiospores is dependant upon moisture, and they are dispersed by wind.

**Health Effects:** Many have the potential to produce a variety of toxins. Members of this group may trigger Type I and III fungal hypersensitivity reactions. Rarely reported as opportunistic pathogens.

**Chaetomium species** - It is an ascomycete. It is found on a variety of substrates containing cellulose including paper and plant compost. It can be found on the damp or water damaged paper in sheetrock after a long term water damage. Several species have been reported to play a major role in decomposition of cellulose made materials. These fungi are able to dissolve the cellulose fibers in cotton and paper, and thus cause these materials to disintegrate. The process is especially rapid under moist conditions.

**Health Effects:** Chaetomium can produce type I fungal hypersensitivity and has caused onychomycosis (nail infections).

**References:** Flannigan, Brian, Robert A. Samson, and J. David Miller, eds. Microorganisms in Home and Indoor Work Environments. London and NY: Taylor & Francis, 2001. de Hoog, G.S. et al. Atlas of Clinical Fungi. 4th ed. Foundation Atlas of Clinical Fungi. 2020

**Cladosporium species** - The most commonly identified outdoor fungus. The outdoor numbers are reduced in the winter and are often high in the summer. Often found indoors in numbers less than outdoor numbers. It is commonly found on the surface of fiberglass duct liner in the interior of supply ducts. A wide variety of plants are food sources for this fungus. It is found on dead plants, woody plants, food, straw, soil, paint and textiles. Often found in dirty refrigerators and especially in reservoirs where condensation is collected, on moist window frames it can easily be seen covering the whole painted area with a velvety olive green layer.

**Health Effects:** It is a common allergen. It can cause mycosis. Common cause of extrinsic asthma. Acute symptoms include edema and bronchospasms, chronic cases may develop pulmonary emphysema. Illnesses caused by this genus can include phaeohyphomycosis, chromoblastomycosis, hay fever and common allergies.

**References:** Flannigan, Brian, Robert A. Samson, and J. David Miller, eds. Microorganisms in Home and Indoor Work Environments. London and NY: Taylor & Francis, 2001. de Hoog, G.S. et al. Atlas of Clinical Fungi. 4th ed. Foundation Atlas of Clinical Fungi. 2020

**Curvularia species** - Curvularia is found on plant material and is considered a saprobe. It has also been isolated from dust samples and from wallpaper.

**Health Effects:** It has been reported to be a cause of allergic fungal sinusitis. It may cause corneal infections, mycetoma and infections in immune compromised hosts.

**References:** de Hoog, G.S. et al. Atlas of Clinical Fungi. 4th ed. Foundation Atlas of Clinical Fungi. 2020

**Fusarium species** - A common soil fungus and plant pathogen. Fusarium is frequently isolated from plants and grains. It is often found in humidifiers and requires wet conditions to grow.

**Health Effects:** An allergen. Frequently involved in eye, skin and nail infections. Fusarium is the most common cause of mycotic keratitis and has been isolated from patients with a variety of infections. Some species produce mycotoxin. Food safety issues are related to some species of this genus.

**References:** Flannigan, Brian, Robert A. Samson, and J. David Miller, eds. Microorganisms in Home and Indoor Work Environments. London and NY: Taylor & Francis, 2001. de Hoog, G.S. et al. Atlas of Clinical Fungi. 4th ed. Foundation Atlas of Clinical Fungi. 2020





SanAir ID Number  
21078202  
FINAL REPORT  
12/23/2021 4:43:13 PM

**Name:** Mystic Air Quality Consultants  
**Address:** 1204 North Road  
Groton, CT 06340  
**Phone:** 860-449-8903

**Project Number:** Colchester Town Hall  
**P.O. Number:**  
**Project Name:** Colchester, CT  
**Collected Date:** 12/22/2021  
**Received Date:** 12/23/2021 10:55:00 AM

## Organism Descriptions

*The descriptions of the organisms presented are derived from various reference materials. The laboratory report is based on the data derived from the samples submitted and no interpretation of the data, as to potential, or actual, health effects resulting from exposure to the numbers of organisms found, can be made by laboratory personnel. Any interpretation of the potential health effects of the presence of this organism must be made by qualified professional personnel with first hand knowledge of the sample site, and the problems associated with that site.*

**Pithomyces species** - Grows on dead grass in pastures and decaying plant material.

*Health Effects:* Causes facial eczema in ruminants.

*References:* St-Germain, Guy, and Richard Summerbell. Identifying Filamentous Fungi: A Clinical Laboratory Handbook. California: Star Publishing Co., 1996.

**Smuts/Myxomycetes** - Smuts and Myxomycetes are parasitic plant pathogens. They are typically grouped together due to their association with plants, the outdoors and because they share similar microscopic morphology.

*Health Effects:* Can produce type I fungal hypersensitivity reactions.

*References:* Martin, G.W., C.J. Alexopoulos, and M.L. Farr. The Genera of Myxomycetes. Iowa City, Iowa: University of Iowa Press, 1983.



# Mystic Air Quality Consultants, Inc.

1204 North Road, Groton, Connecticut 06340

www.mysticair.com

maq2@aol.com

800 247-7746

## MOLD INSPECTION FORM

LOCATION: Colchester Town Hall CLIENT: Tour of Colchester  
 DATE: 12/22/21

| LOCATION                | SAMPLE # | CO (ppm)   | CO2 (ppm)     | TEMP. (F)                        | RELATIVE HUMIDITY (%) | ODOR   | WATER STAINING  | MOLD GROWTH  | COMMENTS                     |
|-------------------------|----------|------------|---------------|----------------------------------|-----------------------|--|---|--|------------------------------|
| Selectmans Records      | 4424280  | 0          | 464           | 55°F                             | 52.8%                 | No <input type="checkbox"/><br>Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/><br>Yes <input checked="" type="checkbox"/>                        | No <input type="checkbox"/><br>Yes <input checked="" type="checkbox"/> | Sprinkler Burst              |
| Foodbank Storage        | 4424266  | 0          | 460           | 55°F                             | 52.8%                 | No <input checked="" type="checkbox"/><br>Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/><br>Yes <input type="checkbox"/>                        | No <input checked="" type="checkbox"/><br>Yes <input type="checkbox"/> |                              |
| Back Hallway            | 4424270  | 0          | 463           | 55°F                             | 52.8%                 | No <input checked="" type="checkbox"/><br>Yes <input type="checkbox"/> | No <input type="checkbox"/><br>Yes <input checked="" type="checkbox"/> on wall                | No <input checked="" type="checkbox"/><br>Yes <input type="checkbox"/> |                              |
| Storage Area            | 4424261  | 0          | 446           | 54.3°F                           | 44.9%                 | No <input checked="" type="checkbox"/><br>Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/><br>Yes <input type="checkbox"/>                        | No <input checked="" type="checkbox"/><br>Yes <input type="checkbox"/> |                              |
| Selectmans Meeting Room | 4424259  | 0          | 1179          | 65°F                             | 49.0%                 | No <input checked="" type="checkbox"/><br>Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/><br>Yes <input type="checkbox"/> removal drop ceiling   | No <input checked="" type="checkbox"/><br>Yes <input type="checkbox"/> | Carpeted, water in 2nd floor |
| Selectmans Lobby        | 4424276  | 0          | 764           | 64°F                             | 41.3%                 | No <input type="checkbox"/><br>Yes <input type="checkbox"/>            | No <input type="checkbox"/><br>Yes <input type="checkbox"/>                                   | No <input type="checkbox"/><br>Yes <input type="checkbox"/>            |                              |
| Selectmans Office       | 4424271  | 0          | 87<br>791     | 65.7°F                           | 37.2%                 | No <input checked="" type="checkbox"/><br>Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/><br>Yes <input type="checkbox"/>                        | No <input checked="" type="checkbox"/><br>Yes <input type="checkbox"/> |                              |
| Finance Office          | 4424262  | 0          | 890           | 67.6                             | 34.4%                 | No <input checked="" type="checkbox"/><br>Yes <input type="checkbox"/> | No <input type="checkbox"/><br>Yes <input checked="" type="checkbox"/> Drop ceiling collapsed | No <input checked="" type="checkbox"/><br>Yes <input type="checkbox"/> |                              |
|                         |          | OSHA 50ppm | OSHA 5,000ppm | ASHRAE 68-70 Winter 74-82 Summer | ASHRAE 30-60%         |  |   |  |                              |

Comments:

Inspector: Steve Alfano

Mystic Air Quality Consultants is s AIHA & NVLAP accredited lab. FAX: 860-449-8860 PHONE: 860-449-8903





# Mystic Air Quality Consultants, Inc.

1204 North Road, Groton, Connecticut 06340

www.mysticair.com

maq2@aol.com

800 247-7746

## MOLD INSPECTION FORM

LOCATION: Colchester Town Hall CLIENT: Town of Colchester  
 DATE: 12/24/21

| LOCATION                       | SAMPLE # | CO (ppm)      | CO2 (ppm)        | TEMP. (F)                                  | RELATIVE HUMIDITY (%) | ODOR  | WATER STAINING   | MOLD GROWTH                                       | COMMENTS |
|--------------------------------|----------|---------------|------------------|--|-----------------------|---|--|---|----------|
| Youth Services Office          | 4424281  | 0             | 842              | 68.6                                       | 30.6                  | No <input checked="" type="checkbox"/><br>Yes ___ | No ___<br>Yes <input checked="" type="checkbox"/><br>Dropletting | No <input checked="" type="checkbox"/><br>Yes ___ |          |
| Main Lobby                     | 4424283  | 0             | 652              | 68.5                                       | 30.8                  | No <input checked="" type="checkbox"/><br>Yes ___ | No ___<br>Yes <input checked="" type="checkbox"/><br>Older       | No <input checked="" type="checkbox"/><br>Yes ___ |          |
| Meeting Room 1                 | 4424260  | 0             | 536              | 68.4                                       | 30.9                  | No <input checked="" type="checkbox"/><br>Yes ___ | No <input checked="" type="checkbox"/><br>Yes ___                | No <input checked="" type="checkbox"/><br>Yes ___ |          |
| Hallway Outside Meeting Room 1 | 4424265  | 0             | 581              | 68.8                                       | 30.5                  | No <input checked="" type="checkbox"/><br>Yes ___ | No ___<br>Yes <input checked="" type="checkbox"/><br>Dropletting | No <input checked="" type="checkbox"/><br>Yes ___ |          |
| Outside                        | 4424264  |               |                  |  |                       | No ___<br>Yes ___                                 | No ___<br>Yes ___  | No ___<br>Yes ___                                 |          |
|                                |          |               |                  |  |                       | No ___<br>Yes ___                                 | No ___<br>Yes ___  | No ___<br>Yes ___                                 |          |
|                                |          |               |                  |  |                       | No ___<br>Yes ___                                 | No ___<br>Yes ___  | No ___<br>Yes ___                                 |          |
|                                |          |               |                  |  |                       | No ___<br>Yes ___                                 | No ___<br>Yes ___  | No ___<br>Yes ___                                 |          |
|                                |          | OSHA<br>50ppm | OSHA<br>5,000ppm | ASHRAE<br>68-70 Winter<br>74-<br>82 Summer | ASHRAE<br>30-60%      |   |  |   |          |

Comments: \_\_\_\_\_

Inspector: \_\_\_\_\_

Mystic Air Quality Consultants is s AIHA & NVLAP accredited lab. FAX: 860-449-8860 PHONE: 860-449-8903





**Mystic Air Quality Consultants, Inc.**  
1204 North Road, Groton, Connecticut 06340

Office: 860-449-8903 Nights & Weekends: 860-464-2050 Fax: 860-449-8860 Toll Free: 800-247-7746

**DAILY JOB LOG**

Date: 12/22/21

Page \_\_\_ of \_\_\_

Client Town of Colchester

Site Supervisor \_\_\_\_\_

Site Location Town Hall + Youth Services Center

Containment Location \_\_\_\_\_

**GENERAL OBSERVATIONS**

Water damage from sprinkler line burst on 3rd floor. Select areas of the space impacted, already rework drop ceilings + sheetrock in some areas. Air samples taken to determine extent of mold growth; All 3 levels underneath burst tested for mold.

Youth services. Mold issues in back hall, replaced sheetrock. All areas tested.

Hygienist's Name \_\_\_\_\_

Hygienist's Signature \_\_\_\_\_

Time on Site \_\_\_\_\_

Time Off Site \_\_\_\_\_



## Crystal Restoration Services of New England, Inc.

---

Crystal Restoration Services of New England, Inc.  
303 Captain Lewis Drive  
Southington, CT 06489  
800-528-4445  
Office@Crystalrestorationne.com

Insured: (Cleaning) Colchester town hall  
Property: 127 Norwich Ave  
Colchester, CT 06415

**Claim Number:**

**Policy Number:**

**Type of Loss:**

Date of Loss:  
Date Inspected:

Date Received:  
Date Entered: 1/13/2022 2:08 PM

Price List: CTHA8X\_DEC21  
Restoration/Service/Remodel  
Estimate: 2022-01-13-1408

**Crystal Restoration Services of New England, Inc.**

---

Crystal Restoration Services of New England, Inc.  
 303 Captain Lewis Drive  
 Southington, CT 06489  
 800-528-4445  
 Office@Crystalrestorationne.com

**2022-01-13-1408**

**2022-01-13-1408**

| <b>DESCRIPTION</b>   | <b>QTY</b> | <b>REMOVE</b> | <b>REPLACE</b> | <b>TAX</b>    | <b>TOTAL</b>     |
|--|------------|---------------|----------------|---------------|------------------|
| 1. CLEANING  | 1.00 EA    | 0.00          | 15,000.00      | 952.50        | 15,952.50        |
| To clean the interior building surfaces which include but are not limited to Walls, floors, windows, Bathrooms, Etc. |            |               |                |               |                  |
| Total: 2022-01-13-1408   |            |               |                | 952.50        | 15,952.50        |
| <b>Line Item Totals: 2022-01-13-1408</b>   |            |               |                | <b>952.50</b> | <b>15,952.50</b> |

## Crystal Restoration Services of New England, Inc.

---

Crystal Restoration Services of New England, Inc.  
303 Captain Lewis Drive  
Southington, CT 06489  
800-528-4445  
Office@Crystalrestorationne.com

### Summary for Dwelling

|                               |                    |
|-------------------------------|--------------------|
| Line Item Total               | 15,000.00          |
| Total Tax                     | 952.50             |
| <b>Replacement Cost Value</b> | <b>\$15,952.50</b> |
| <b>Net Claim</b>              | <b>\$15,952.50</b> |

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