Soil and Land Use Technology, Inc.
1818 New York Ave. NE, Ste 231, Washington, DC 20002
Telephone: (301) 595-3783
www.salutinc.com

January 15, 2021

Prince George's County Public Schools
Environmental Safety Office
13306 Old Marlboro Pike
Upper Marlboro, MD 20772

Attention: Alex Baylor
alex.baylor@pgcps.org

Subject: Indoor Air Quality Survey
Cesar Chavez Elementary School
6609 Riggs Road
Chillum, MD 20782

Mr. Baylor:

On January 12, 2021, a Soil and Land Use Technology, Inc. (SaLUT) Industrial Hygienist conducted an indoor air quality (IAQ) evaluation at Cesar Chavez Elementary School, a property maintained by Prince George's County Public Schools (PGCPS) located at 6609 Riggs Road, Chillum, MD 20782. The inspection was performed in accordance with PGCPS contract number IFB 022-19.

**Methodology**

The IAQ evaluation conducted by SaLUT included a visual assessment, IAQ instrumentation screening, and a collection of interior air samples for mold in representative locations throughout the building. Additionally, one building exterior environmental air sample was taken for comparison.

Air-borne fungal spore samples were collected on *Air-O-Cell* cassettes using a Buck BioAire calibrated pump. The air samples were taken between three and five feet from the ground. In tandem with collecting mold samples, real-time readings for carbon dioxide, carbon monoxide, temperature and relative humidity were collected using a Fluke 975 Air Meter in representative areas within the facility.

The fungal spore air samples were delivered to EMSL Analytical, Inc. of Beltsville, Maryland for analysis. Fungal spores and particulates in air samples were analyzed by Optical Microscopy (methods EMSL 05-TP-003 and ASTM D7391). The sample chain-of-custody and laboratory reports are attached.

## Observations

The table below summarizes the main observations from the IAQ survey at Cesar Chavez Elementary School, visited on January 12, 2021.

**Table 1-Observations**

| Location | Summary of Observations 01-12-2021 |
|---|---|
| Classroom 8 | 2'x2' ceiling tiles and 12"x 12" tile floor ;<br>No visual signs of microbial growth;<br>Mild odor;<br>No visible dust on floor/other furniture surfaces;<br>No visible dust around ventilator;<br>Central AC. |
| Classroom 21 | 2'x4' ceiling tiles and 12"x 12" tile floor;<br>No visual signs of microbial growth;<br>Mild odor;<br>No visible dust on floor/other furniture surfaces;<br>No visible dust around ventilator;<br>Central AC. |
| Cafeteria | 2'x 4' ceiling tiles and 12"x 12" tile floor;<br>No visual signs of microbial growth;<br>Mild odor;<br>No visible dust on floor/other furniture surfaces;<br>No visible dust around ventilator;<br>Central AC. |
| Main Office | 2'x4' ceiling tiles and 12"x12" tile floor;<br>No visual signs of microbial growth, and no odor;<br>No visible dust on floor/other furniture surfaces;<br>No visible dust around ventilator;<br>Central AC. |
| Library | 2'x4' ceiling tiles;<br>No visual signs of microbial growth;<br>Mild odor;<br>No visible dust on floor/other furniture surfaces;<br>No visible dust around ventilator;<br>Central AC. |

## Measurements of Indoor Environmental Quality Parameters

Table 2 depicts a summary of average measurements of comfort.

## Temperature

The American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) have published recommendations for year round acceptable temperatures in Standard 55-2010 *Thermal Environmental Conditions for Human Occupancy*. The winter comfort range is 20 to 24°C (68 to 75°F) and 23 to 26°C (73 to 79°F) is the summer comfort range. The temperature readings were lower than the ASHRAE recommended ranges in the representative spaces.

**Relative Humidity (RH)**

RH is a key factor for mold growth. Mold has the potential of growing on suitable surfaces with humidity levels above 60%. ASHRAE Standard 62.1-2010 *Ventilation for Acceptable Indoor Air Quality* recommends a maximum indoor RH of 65% to preclude the likelihood of condensation on cool surfaces encouraging mold growth. The RH readings were within the ASHRAE recommended ranges in the representative areas.

**Carbon Dioxide ($CO_2$)**

Under conditions of maximum occupancy, ASHRAE Standard 62.1-2010, Appendix C, infers that the acceptable $CO_2$ upper limit is the prevailing outdoor $CO_2$ concentration plus 700 parts per million (ppm). On the day of the space evaluation, the outdoor (building exterior) $CO_2$ concentration was approximately 547 ppm therefore indoor concentrations should not exceed approximately 1,247 ppm (700 + 547). The maximum average interior $CO_2$ concentration detected was 1,015 ppm in the Cafeteria, a range within the ASHRAE recommendations, per Table 2 below.

**Carbon Monoxide (CO)**

CO is a colorless and odorless gas that is produced by the incomplete combustion of carbon containing fuels. Oil, gasoline, diesel fuels, wood, coke, and coal are major sources of CO. All registered CO concentrations were below the EPA National Ambient Air Quality Standard (NAAQS) of 9 ppm, per Table 2 below.

**Table 2: Cesar Chavez Elementary School-Instrumental Screening Levels**
**January 12, 2021 (9:30 AM-11:30 AM)**

| Sample Location | Temp °F | RH% | CO ppm | $CO_2$ ppm |
|---|---|---|---|---|
| **Standards** | **ASHRAE 68 to 75°F*** | **ASHRAE <65%** | **NAAQS 9** | **ASHRAE 1,247** |
| Classroom 8 | 64.4 | 33.0 | 2 | 877 |
| Classroom 21 | 67.1 | 29.6 | 2 | 773 |
| Main Office | 64.4 | 34.3 | 2 | 845 |
| Cafeteria | 50.9 | 67.5 | 0 | 1,015 |
| Library | 59.9 | 41.9 | 2 | 844 |
| Outside Exterior EV Sample | 56.3 | 36.8 | 2 | 547 |

PM – Particulate Matter size
°F – Degrees Fahrenheit
CO – Carbon Monoxide
ppm – parts per million
µg/m³ – micrograms per cubic meter
RH% - % Relative Humidity
$CO_2$ – Carbon Dioxide
* - Winter Comfort Range

## Mold-in-Air Samples

There are no definitive regulations or standardized guidelines for addressing airborne mold in an indoor setting. If building systems (ventilation, envelope) are functioning properly, the indoor population profile should mimic what is encountered outdoors and the concentrations should be below the outdoor (building exterior) environmental sample levels.

**Tables 3:** Summarizes airborne mold spore sampling results and locations. On January 12, 2021, total mold counts in representative samples (spore count/$m^3$ of air) in all the areas inspected were lower than the outdoor concentrations with the exception of the Classroom 8. Laboratory analysis follows this report (see attachment).

**Table 3: Cesar Chavez Elementary School**
**Measurements of Mold-in-Air Samples**
**January 12, 2021 (9:30 AM-11:30 AM)**

| Spore Types | Classroom 8 | Room 21 | Main Office | Cafeteria |
|---|---|---|---|---|
| *Alternaria (Ulocladium)* | 100 | - | - | - |
| *Ascospores* | 490 | - | - | - |
| *Aspergillus/Penicillium* | - | 40 | - | 40* |
| *Basidiospores* | 530 | 80 | - | 80 |
| *Bipolaris++* | - | - | - | - |
| *Chaetomium* | - | - | - | - |
| *Cladosporium* | 29,800 | 200 | - | - |
| *Curvularia* | 100 | - | - | - |
| *Epicoccum* | 300 | - | - | - |
| *Fusarium* | - | - | - | - |
| *Ganoderma* | - | - | - | - |
| *Myxomycetes++* | 1,200 | - | - | - |
| *Pithomyces++* | - | - | - | - |
| *Rust* | 100 | - | - | - |
| *Scopulariopsis/Microascus* | - | - | - | - |
| *Stachybotrys/Memnoniella* | - | - | - | - |
| *Unidentifiable Spores* | - | - | - | - |
| *Zygomycetes* | 40 | - | - | - |
| *Nigrospora* | - | - | - | - |
| *Hyphal Fragment* | 740 | - | - | - |
| *Insect Fragment* | 100 | - | - | - |
| *Pollen* | 11,000 | - | - | - |
| **Total Fungi** | **32,660** | **320** | **None Detect** | **120** |

* Spore Counts per cubic meter of air (Counts/$m^3$).
++Includes other spores with similar morphology.

## Table 3: Cesar Chavez Elementary School
## Measurements of Mold-in-Air Samples continued
## January 12, 2021 (9:30 AM-11:30 AM)

| Spore Types | Library | Out Side Exterior EV Sample | Field Blank | |
|---|---|---|---|---|
| *Alternaria (Ulocladium)* | - | - | - | - |
| *Ascospores* | 10* | 80 | - | - |
| *Aspergillus/Penicillium* | - | 100 | - | - |
| *Basidiospores* | - | 2,300 | - | - |
| *Bipolaris++* | - | - | - | - |
| *Chaetomium* | - | - | - | - |
| *Cladosporium* | - | 40 | - | - |
| *Curvularia* | - | - | - | - |
| *Epicoccum* | - | - | - | - |
| *Fusarium* | - | - | - | - |
| *Ganoderma* | - | - | - | - |
| *Myxomycetes++* | - | - | - | - |
| *Pithomyces++* | - | - | - | - |
| *Rust* | - | - | - | - |
| *Scopulariopsis/Microascus* | - | - | - | - |
| *Stachybotrys/Memnoniella* | - | - | - | - |
| *Unidentifiable Spores* | - | - | - | - |
| *Zygomycetes* | - | - | - | - |
| *Nigrospora* | - | - | - | - |
| *Hyphal Fragment* | - | - | - | - |
| *Insect Fragment* | - | - | - | - |
| *Pollen* | - | - | - | - |
| **Total Fungi** | **10** | **2,520** | **No Trace** | |

*Spore Counts per cubic meter of air (Counts/$m^3$).
++Includes other spores with similar morphology.

**Findings and Conclusions**

The comfort parameters (i.e., temperature, RH, $CO_2$, and CO levels) in the representative areas conform to ASHRAE and/or NAAQS guidelines with the exception of the temperature. On January 12, 2021 total mold counts in representative area samples (spore count/$m^3$ of air) in all the areas inspected were lower than the outdoor concentrations with the exception of the classroom 8, indicating amplified mold growth.

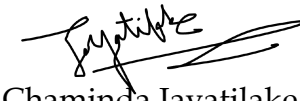
**Recommendations**

Based on the observations, mold spore results, and the results of the indoor air quality parameters tested at Cesar Chavez Elementary School, SaLUT recommends the following measures to address the indoor air quality concerns documented:

1. Thoroughly clean dusty air vents in the affected areas.

Thank you for the opportunity to provide industrial hygiene services for PGCPS. If you have any questions, please contact me at 301.595.3783.

Sincerely,



Chaminda Jayatilake, PE, CIH, CSP, CHMM
Certified Industrial Hygienist
Soil and Land Use Technology Inc. (SaLUT)

**Attachment**

Attachment - Mold Spore Sample Analytical Results and Chain-of-Custody Forms

# Attachment

# Mold Spore Sample Analytical Results and Chain-of-Custody Forms

# EMSL Analytical, Inc.

10768 Baltimore Avenue Beltsville, MD 20705

Tel/Fax: (301) 937-5700 / (301) 937-5701

http://www.EMSL.com / beltsvillelab@emsl.com


**EMSL Order:** 192100292
**Customer ID:** SALU50
**Customer PO:**
**Project ID:**

**Attention:** Indika Jayatilake
SaLUT
1818 New York Avenue, NE
Suite 231
Washington, DC 20002
**Project:** CESAR CHAVEZ ES/ PGCPS IAQ

**Phone:** (301) 595-3783
**Fax:** (301) 595-3787
**Collected Date:** 01/12/2021
**Received Date:** 01/13/2021 08:30 AM
**Analyzed Date:** 01/14/2021

**Test Report:Air-O-Cell(™) Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods MICRO-SOP-201, ASTM D7391)**

| Lab Sample Number: | 192100292-0001 | | | 192100292-0002 | | | 192100292-0003 | | |
|---|---|---|---|---|---|---|---|---|---|
| Client Sample ID: | 01 | | | 02 | | | 03 | | |
| Volume (L): | 75 | | | 75 | | | 75 | | |
| Sample Location: | CAFETERIA | | | CLASS RM 8 | | | MAIN OFFICE | | |
| **Spore Types** | **Raw Count** | **Count/M³** | **% of Total** | **Raw Count** | **Count/M³** | **% of Total** | **Raw Count** | **Count/M³** | **% of Total** |
| Alternaria (Ulocladium) | - | - | - | 3 | 100 | 0.3 | - | - | - |
| Ascospores | - | - | - | 12 | 490 | 1.5 | - | - | - |
| Aspergillus/Penicillium | 3* | 40* | 33.3 | - | - | - | - | - | - |
| Basidiospores | 2 | 80 | 66.7 | 13 | 530 | 1.6 | - | - | - |
| Bipolaris++ | - | - | - | - | - | - | - | - | - |
| Chaetomium | - | - | - | - | - | - | - | - | - |
| Cladosporium | - | - | - | 726 | 29800 | 91.2 | - | - | - |
| Curvularia | - | - | - | 3 | 100 | 0.3 | - | - | - |
| Epicoccum | - | - | - | 7 | 300 | 0.9 | - | - | - |
| Fusarium | - | - | - | - | - | - | - | - | - |
| Ganoderma | - | - | - | - | - | - | - | - | - |
| Myxomycetes++ | - | - | - | 29 | 1200 | 3.7 | - | - | - |
| Pithomyces++ | - | - | - | - | - | - | - | - | - |
| Rust | - | - | - | 3 | 100 | 0.3 | - | - | - |
| Scopulariopsis/Microascus | - | - | - | - | - | - | - | - | - |
| Stachybotrys/Memnoniella | - | - | - | - | - | - | - | - | - |
| Unidentifiable Spores | - | - | - | - | - | - | - | - | - |
| Zygomycetes | - | - | - | 1 | 40 | 0.1 | - | - | - |
| **Total Fungi** | **5** | **120** | **100** | **797** | **32660** | **100** | **-** | **None Detect** | **-** |
| Hyphal Fragment | - | - | - | 18 | 740 | - | - | - | - |
| Insect Fragment | - | - | - | 3 | 100 | - | - | - | - |
| Pollen | - | - | - | 269 | 11000 | - | - | - | - |
| Analyt. Sensitivity 600x | - | 41 | - | - | 41 | - | - | 41 | - |
| Analyt. Sensitivity 300x | - | 13* | - | - | 13* | - | - | 13* | - |
| Skin Fragments (1-4) | - | 1 | - | - | 1 | - | - | 1 | - |
| Fibrous Particulate (1-4) | - | 1 | - | - | 1 | - | - | 1 | - |
| Background (1-5) | - | 1 | - | - | 4 | - | - | 1 | - |

++ Includes other spores with similar morphology; see EMSL's fungal glossary for each specific category.

**Abubakar Barry, Microbiology Laboratory Manager or other Approved Signatory**



Initial report from: 01/14/2021 05:09 PM

For information on the fungi listed in this report, please visit the Resources section at www.emsl.com

# EMSL Analytical, Inc.

10768 Baltimore Avenue Beltsville, MD 20705

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**Collected Date:** 01/12/2021
**Received Date:** 01/13/2021 08:30 AM
**Analyzed Date:** 01/14/2021

**Test Report:Air-O-Cell(™) Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods MICRO-SOP-201, ASTM D7391)**

| Lab Sample Number: | 192100292-0004 | | | 192100292-0005 | | | 192100292-0006 | | |
|---|---|---|---|---|---|---|---|---|---|
| Client Sample ID: | 04 | | | 05 | | | 06 | | |
| Volume (L): | 75 | | | 75 | | | 75 | | |
| Sample Location: | RM 21 | | | LIBRARY | | | OUTSIDE EXTERIOR EV SAMPLE | | |
| **Spore Types** | **Raw Count** | **Count/M³** | **% of Total** | **Raw Count** | **Count/M³** | **% of Total** | **Raw Count** | **Count/M³** | **% of Total** |
| Alternaria (Ulocladium) | - | - | - | - | - | - | - | - | - |
| Ascospores | - | - | - | 1* | 10* | 100 | 2 | 80 | 3.2 |
| Aspergillus/Penicillium | 1 | 40 | 12.5 | - | - | - | 3 | 100 | 4 |
| Basidiospores | 2 | 80 | 25 | - | - | - | 55 | 2300 | 91.3 |
| Bipolaris++ | - | - | - | - | - | - | - | - | - |
| Chaetomium | - | - | - | - | - | - | - | - | - |
| Cladosporium | 4 | 200 | 62.5 | - | - | - | 1 | 40 | 1.6 |
| Curvularia | - | - | - | - | - | - | - | - | - |
| Epicoccum | - | - | - | - | - | - | - | - | - |
| Fusarium | - | - | - | - | - | - | - | - | - |
| Ganoderma | - | - | - | - | - | - | - | - | - |
| Myxomycetes++ | - | - | - | - | - | - | - | - | - |
| Pithomyces++ | - | - | - | - | - | - | - | - | - |
| Rust | - | - | - | - | - | - | - | - | - |
| Scopulariopsis/Microascus | - | - | - | - | - | - | - | - | - |
| Stachybotrys/Memnoniella | - | - | - | - | - | - | - | - | - |
| Unidentifiable Spores | - | - | - | - | - | - | - | - | - |
| Zygomycetes | - | - | - | - | - | - | - | - | - |
| **Total Fungi** | **7** | **320** | **100** | **1** | **10** | **100** | **61** | **2520** | **100** |
| Hyphal Fragment | - | - | - | - | - | - | - | - | - |
| Insect Fragment | - | - | - | - | - | - | - | - | - |
| Pollen | - | - | - | - | - | - | - | - | - |
| Analyt. Sensitivity 600x | - | 41 | - | - | 41 | - | - | 41 | - |
| Analyt. Sensitivity 300x | - | 13* | - | - | 13* | - | - | 13* | - |
| Skin Fragments (1-4) | - | 2 | - | - | 1 | - | - | 1 | - |
| Fibrous Particulate (1-4) | - | 1 | - | - | 1 | - | - | 1 | - |
| Background (1-5) | - | 1 | - | - | 1 | - | - | 1 | - |

++ Includes other spores with similar morphology; see EMSL's fungal glossary for each specific category.

**Abubakar Barry, Microbiology Laboratory Manager or other Approved Signatory**



Initial report from: 01/14/2021 05:09 PM

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1818 New York Avenue, NE
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**Project:** CESAR CHAVEZ ES/ PGCPS IAQ

**Phone:** (301) 595-3783
**Fax:** (301) 595-3787
**Collected Date:** 01/12/2021
**Received Date:** 01/13/2021 08:30 AM
**Analyzed Date:** 01/14/2021

**Test Report:Air-O-Cell(™) Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods MICRO-SOP-201, ASTM D7391)**

| | | | |
|---|---|---|---|
| **Lab Sample Number:** | **192100292-0007** | | |
| **Client Sample ID:** | **07** | | |
| **Volume (L):** | | | |
| **Sample Location:** | **FIELD BLANK** | | |
| **Spore Types** | **Raw Count** | **Count/M³** | **% of Total** |
| Alternaria (Ulocladium) | - | - | - |
| Ascospores | - | - | - |
| Aspergillus/Penicillium | - | - | - |
| Basidiospores | - | - | - |
| Bipolaris++ | - | - | - |
| Chaetomium | - | - | - |
| Cladosporium | - | - | - |
| Curvularia | - | - | - |
| Epicoccum | - | - | - |
| Fusarium | - | - | - |
| Ganoderma | - | - | - |
| Myxomycetes++ | - | - | - |
| Pithomyces++ | - | - | - |
| Rust | - | - | - |
| Scopulariopsis/Microascus | - | - | - |
| Stachybotrys/Memnoniella | - | - | - |
| Unidentifiable Spores | - | - | - |
| Zygomycetes | - | - | - |
| **Total Fungi** | **-** | **No Trace** | **-** |
| Hyphal Fragment | - | - | - |
| Insect Fragment | - | - | - |
| Pollen | - | - | - |
| Analyt. Sensitivity 600x | - | 0 | - |
| Analyt. Sensitivity 300x | - | 0* | - |
| Skin Fragments (1-4) | - | - | - |
| Fibrous Particulate (1-4) | - | - | - |
| Background (1-5) | - | - | - |

++ Includes other spores with similar morphology; see EMSL's fungal glossary for each specific category.

**Abubakar Barry, Microbiology Laboratory Manager**
**or other Approved Signatory**



Initial report from: 01/14/2021 05:09 PM

For information on the fungi listed in this report, please visit the Resources section at www.emsl.com

OrderID: 192100292

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

# Microbiology Chain of Custody

**EMSL Order Number** (*Lab Use Only*): 192100292

PHONE:
FAX:

| | | | |
|---|---|---|---|
| **Company Name:** SaLUT Inc. | | **EMSL-Bill to:** ☒ Same ☐ Different<br>If Bill to is Different note instructions in Comments**<br>*Third Party Billing requires written authorization from third party* | |
| **Street:** 1818 New York Ave NE Suite 231 | | | |
| **City:** Washington | **State/Province:** DC | **Zip/Postal Code:** 20002 | **Country:** USA |
| **Report To (Name):** Indika Jayatilake | | **Telephone #:** 301-595-3783 | |
| **Email Address:** ijayatilake@salutinc.com | | **Fax #:** | **Purchase Order:** |
| **Project Number/Location:** Cesar Chavez ES / PGCPS IAQ | | **Please Provide Results:** ☐ Fax ☒ Email | |
| **Location Address:** 6609 Riggs Rd, Chillum, MD 20782 | | **Connecticut Samples:** ☐ Commercial ☐ Residential | |

**Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide. TATs are subject to methodology requirements*

**Sterile, Sodium Thiosulfate Preserved Bottle Used:** ☐ **Biocide Used in Source (specify):** ☐

**Public Water Supply Samples:** ☐ **Note: All results may automatically be reported to DOH if required by state.**

**Turnaround Time (TAT) Options * - Please Check**

| ☐ 3 Hour | ☐ 6 Hour | ☐ 24 Hour | ☒ 48 Hour | ☐ 72 Hour | ☐ 96 Hour | ☐ 1 Week | ☐ 2 Week |
|---|---|---|---|---|---|---|---|

## Microbiology Test Codes

**M001** Air-O-Cell
**M030** Micro 5
**M174** MoldSnap
**M032** Allergenco-D
**M041** Fungal Direct Examination
**M169** Pollen ID & Enumeration
**M280** Dust Characterization Level-1
**M281** Dust Characterization Level-2
**M005** Viable Fungi- Air Samples (Genus ID & Count)
**M006** Viable Fungi- Air Samples ( Includes *Penicillium, Aspergillus, Cladosporium, Stachybotrys* Species ID & Count)
**M007** Culturable fungi - Surface Samples (Genus ID & Count)
**M008** Culturable fungi - Surface Samples (Includes *Penicillium, Aspergillus, Cladosporium, Stachybotrys* Species ID & Count)
**M009** Bacteria Culture Gram Stain & Count
**M010** Bacteria Count & ID - 3 Most Prominent
**M011** Bacteria Count & ID - 5 Most Prominent
**M012** Pseudomonas aeruginosa (P/A***)
**M024** Pseudomonas aeruginosa (MFT*)
**M015** Heterotrophic Plate Count
**M017** Total Coliform & E. coli (Colilert P/A***)
**M018** Total Coliform & E. coli (MFT*)
**M114** Total Coliform & E. coli Enumeration (Colilert MPN**)
**M019** Fecal Coliform (MFT*)
**M020** Fecal Streptococcus (MFT*)
**M029** Enterococci (MFT*)
**M129** Enterococci (Enterolert P/A***)
**M180** Real Time qPCR-ERMI 36 Panel
**M025** Sewage Screen –Water (MFT*)
**M115** Sewage Screen - Water (P/A***)
**M116** Sewage Screen - Water (MPN**)
**M117** Sewage Screen - Swab (P/A***)
**M013** Sewage Screen - Swab (MFT*)
**M133** Methicillin-resistant Staph. aureus (MRSA)
**M031** Rapid-growing non-TB Mycobacteria Detection & Enumeration
**M014** Endotoxin Analysis
**M044** Group Allergen (Cat, Dog, Cockroach, Dust Mite)
**Other** See Analytical Price Guide
**Legionella Analysis** Please use EMSL Legionella COC

*MFT= Membrane Filtration Technique
**MPN= Most Probable Number
***P/A= Presence/Absence

**Name of Sampler:** Jude Fonseka **Signature of Sampler:**

| Sample # | Sample Location/Description | Sample Type | Potable/ NonPotable (only for waters) | Test Code | Volume/ Area | Date/Time Collected | Temperature (°C) (Lab Use Only) |
|---|---|---|---|---|---|---|---|
| 01 | Cafeteria | Air | | M001 | 75L | 1/12/2021 | |
| 02 | Classroom 8 | Air | | M001 | 75L | 1/12/2021 | |
| 03 | Main Office | Air | | M001 | 75L | 1/12/2021 | |
| 04 | Room 21 | Air | | M001 | 75L | 1/12/2021 | |
| 05 | Library | Air | | M001 | 75L | 1/12/2021 | |
| 06 | Outside Exterior EV Sample | Air | | M001 | 75L | 1/12/2021 | |

**Client Sample # (s):** -
**Total # of Samples:** 07
**Samples Received Chilled?** Yes / No

**Relinquished (Client):** **Date:** **Time:**
**Received (Lab):** Marcus Nyber PB **Date:** **Time:**

**Comments/Special Instructions:**

RECEIVED
EMSL ANALYTICAL, INC.
BELTSVILLE, MD
2021 JAN 13 A 7: 16

OrderID: 192100292

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

# Microbiology Chain of Custody

**EMSL Order Number** *(Lab Use Only)*:

192100292

PHONE:
FAX:

*Additional Pages of the Chain of Custody are only necessary if needed for additional sample information*

| Sample # | Sample Location/Description | Sample Type | Potable/ NonPotable | Test Code | Volume/ Area | Date/Time Collected | Temperature (°C) (Lab Use Only) |
|---|---|---|---|---|---|---|---|
| 07 | Field Blank | Air | | N/A | N/A | 1/12/2021 | |
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**Comments/Special Instructions:**