

1818 New York Ave. NE, Ste 231, Washington, DC 20002

Soil and Land Use Technology, Inc. Telephone: (301) 595-3783 www.salutinc.com

March 1, 2021

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

- Attention: Alex Baylor alex.baylor@pgcps.org
- Subject: Indoor Air Quality Survey Edgar Allen Poe Alternative Middle School 2001 Shadyside Avenue Hillcrest Heights, MD 20746

Mr. Baylor:

On November 20, 2020 and February 20, 2021 a Soil and Land Use Technology, Inc. (SaLUT) Industrial Hygienist conducted an indoor air quality (IAQ) evaluation at Edgar Allen Poe Alternative Middle School, a property maintained by Prince George's County Public School (PGCPS) located at 2001 Shadyside Avenue, Hillcrest Heights, MD 20746. The inspection was performed in accordance with PGCPS contract number IFB 022-19.

#### Corrective Measures Implemented by PGPCS

On February 20, 2021, as part of this assessment, SaLUT conducted the IAQ evaluation, including IAQ instrumentation screening, and observations in affected areas. Prior to this assessment, in response to an initial assessment, PGCPS implemented the following corrective measures in Classroom 101:

- 1. Identify and clearly assess the affected area;
- 2. Remove and replace moldy and stained ceiling tiles;
- 3. Thorough cleanup throughout the affected areas;
- 4. Operate air scrubbers with HEPA filters in the impacted areas;
- 5. Monitor and evaluate clean-up operation to determine effectiveness.

#### **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 Edgar Allen Poe Alternative Middle School, visited on November 20, 2020 and February 20, 2021, respectively.

| Location           | Summary of Observations<br>11-20-2020                |
|--------------------|--|
| Classroom 101      | 2'x4' ceiling tiles and 1'x 1' tile floor;           |
|                    | No visual signs of microbial growth, and no odor;    |
|                    | One stained ceiling tile;                            |
|                    | No visible dust on floor/other furniture surfaces;   |
|                    | No visible dust around ventilator;                   |
|                    | Central AC.  |
| Between Classrooms | 2'x4' ceiling tiles and 1'x 1' tile floor;           |
| 108 & 109          | No visual signs of microbial growth, and no odor;    |
|                    | No visible dust on floor/other furniture surfaces;   |
|                    | No visible dust around ventilator;                   |
|                    | Central AC.  |
| Multi-Purpose Room | 2'x4' ceiling tiles and 1'x 1' tile floor;           |
|                    | No visual signs of microbial growth, and no odor;    |
|                    | No visible dust on floor/other furniture surfaces;   |
|                    | No visible dust around ventilator;                   |
|                    | Central AC.  |
| Office 202         | 2'x4' ceiling tiles and 9"x 9" tile floor;           |
|                    | No visual signs of microbial growth, and no odor;    |
|                    | No visible dust on floor/other furniture surfaces;   |
|                    | No visible dust around ventilator;                   |
|                    | Central AC.  |
| Classroom 203      | 2'x4' ceiling tiles and 9"x 9" and 1'x1' tile floor; |
|                    | No visual signs of microbial growth, and no odor;    |
|                    | No visible dust on floor/other furniture surfaces;   |
|                    | No visible dust around ventilator;                   |
|                    | Central AC.  |

#### Table 1.1-Observations



| Location                      | Summary of Observations<br>11-20-2020 |
|-------------------------------|---------------------------------------|
| Outside Exterior EV<br>Sample | Windy                                 |

#### Table 1.2-Observations

| Location            | Summary of Observations<br>02-20-2021             |
|---------------------|---|
| Classroom 101       | 2'x4' ceiling tiles and 1"x1" tile floor;         |
|                     | No visual signs of microbial growth, and no odor; |
|                     | Stained ceiling tiles were replaced.              |
| Outside Exterior EV | Sunny, windy, chilly and clear sky                |
| Sample              |   |

#### Measurements of Indoor Environmental Quality Parameters

Table 2 depicts a summary of average measurements of comfort.

#### <u>Temperature</u>

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 within 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<sub>2</sub>)

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 November 20, 2020, the outdoor (building exterior)  $CO_2$  concentration was approximately 419 ppm therefore indoor concentrations should not exceed approximately 1,119 ppm (700 + 419). The maximum average interior  $CO_2$  concentration detected was 495 ppm in Classroom 101, a range within the ASHRAE recommendations, per Table 2 below.



### <u>Carbon Monoxide (CO)</u>

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 2.1: Edgar Allen Poe Alternative Middle School Instrumental Screening Levels November 20, 2020 (7:30AM-9:30 AM)

|                             | Temp           |                 | CO    | CO <sub>2</sub> |
|-----------------------------|----------------|-----------------|-------|-----------------|
| Sample Location             | <sup>0</sup> F | RH%             | ppm   | ppm             |
|                             | ASHRAE         | ASHRAE          | NAAQS | ASHRAE          |
| Standards                   | 68 to 75°F*    | <b>&lt;65</b> % | 9     | 1,119           |
| Classroom 101               | 68.5           | 26.2            | 0     | 495             |
| Between Classroom 108 & 109 | 68.3           | 26.5            | 0     | 487             |
| Office 202                  | 72.0           | 28.9            | 0     | 468             |
| Classroom 203               | 68.4           | 25.7            | 0     | 48              |
| Multi-Purpose Room          | 69.1           | 25.2            | 0     | 485             |
| Outside Exterior EV Sample  | 48.0           | 39.5            | 0     | 419             |

#### Table 2.2: Edgar Allen Poe Alternative Middle School Instrumental Screening Levels February 20, 2021 (7:30 AM-9:30 AM)

| Sample Location Standards  | Temp        | RH%    | CO    | CO2    |
|----------------------------|-------------|--------|-------|--------|
|                            | °F          |        | ppm   | ppm    |
| Standards                  | ASHRAE      | ASHRAE | NAAQS | ASHRAE |
|                            | 68 to 75°F* | <65%   | 9     | 1,127  |
| Classroom 101              | 65.3        | 17.7   | 0     | 545    |
| Outside Exterior EV Sample | 43.7        | 29.8   | 0     | 490    |

PM – Particulate Matter size °F – Degrees Fahrenheit CO – Carbon Monoxide ppm – parts per million μg/m<sup>3</sup> – micrograms per cubic meter RH% - % Relative Humidity CO<sub>2</sub> – 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.

**Table 3.1:** Summarizes airborne mold spore sampling results and locations. On November 20, 2021, total mold counts in representative samples (spore count/m<sup>3</sup> of air) in all the areas inspected were lower than the outdoor concentrations with the exception of Classroom 101 and between Classrooms 108 and 109. Laboratory analysis follows this report (see attachment).



**Table 3.2**: Summarizes airborne mold spore sampling results and locations. On February 20, 2021, total mold counts in representative samples (spore count/m3 of air) in all the areas inspected were lower than the outdoor concentrations. Laboratory analysis follows this report (see attachment).

| Spore Types               | Multi-Purpose<br>Room | Classroom 101 | Between<br>Classrooms 108 &<br>109 | Office 202 |
|---------------------------|-----------------------|---------------|------------------------------------|------------|
| Alternaria (Ulocladium)   | -                     | 10*           | -                                  | -          |
| Ascospores                | -                     | 200           | 100                                | -          |
| Aspergillus/Penicillium   | 590                   | 1,700         | 680                                | 200        |
| Basidiospores             | 40                    | 3,500         | 970                                | 400        |
| Bipolaris++               | -                     | -             | -                                  | -          |
| Chaetomium                | -                     | -             | -                                  | -          |
| Cladosporium              | 80                    | 720           | 510                                | 200        |
| Curvularia                | -                     | -             | 40                                 | -          |
| Epicoccum                 | -                     | -             | -                                  | -          |
| Fusarium                  | -                     | -             | -                                  | -          |
| Ganoderma                 | -                     | -             | 40                                 | 10*        |
| Myxomycetes++             | -                     | 200           | 40                                 | -          |
| Pithomyces++              | -                     | -             | -                                  | -          |
| Rust                      | -                     | -             | -                                  | -          |
| Scopulariopsis/Microascus | -                     | -             | -                                  | -          |
| Stachybotrys/Memnoniella  | -                     | -             | -                                  | -          |
| Unidentifiable Spores     | -                     | -             | -                                  | -          |
| Zygomycetes               | -                     | -             | -                                  | -          |
| Nigrospora                | -                     | 10*           | -                                  | -          |
| Hyphal Fragment           | -                     | 100           | 80                                 | 40         |
| Insect Fragment           | -                     | 300           | 80                                 | 100        |
| Pollen                    | 10*                   | -             | -                                  | -          |
| Total Fungi               | 720                   | 6,740         | 2,540                              | 950        |

#### Table 3.1: Edgar Allen Poe Alternative Middle School Measurements of Mold-in-Air Samples November 20, 2020 (7:30 AM-9:30 AM)

\* Spore Counts per cubic meter of air (Counts $/m^3$ ).

++Includes other spores with similar morphology.



## Table 3.1: Edgar Allen Poe Alternative Middle School Measurements of Mold-in-Air Samples continued November 20, 2020 (7:30 AM-9:30 AM)

| Spore Types               | Classroom 203 | Outside Exterior EV<br>Sample | Field Blank |
|---------------------------|---------------|-------------------------------|-------------|
| Alternaria (Ulocladium)   | -             | 40                            | -           |
| Ascospores                | 10*           | 100                           | -           |
| Aspergillus/Penicillium   | 420           | -                             | -           |
| Basidiospores             | 1,100         | 1,500                         | -           |
| Bipolaris++               | -             | -                             | -           |
| Chaetomium                | -             | -                             | -           |
| Cladosporium              | 200           | 40                            | -           |
| Curvularia                | -             | -                             | -           |
| Epicoccum                 | -             | -                             | -           |
| Fusarium                  | -             | -                             | -           |
| Ganoderma                 | -             | -                             | -           |
| Myxomycetes++             | 10*           | 300                           | -           |
| Pithomyces++              | 10*           | -                             | -           |
| Rust                      | -             | -                             | -           |
| Scopulariopsis/Microascus | -             | -                             | -           |
| Stachybotrys/Memnoniella  | -             | -                             | -           |
| Unidentifiable Spores     | -             | -                             | -           |
| Zygomycetes               | -             | -                             | -           |
| Nigrospora                | -             | -                             | -           |
| Hyphal Fragment           | -             | 80                            | -           |
| Insect Fragment           | 40            | -                             | -           |
| Pollen                    | -             | -                             | -           |
| Total Fungi               | 800           | 2,060                         | No Trace    |

\*Spore Counts per cubic meter of air (Counts/m<sup>3</sup>).

++Includes other spores with similar morphology.



## Table 3.2: Edgar Allen Poe Alternative Middle School Measurements of Mold-in-Air Samples February 20, 2021 (7:30 AM-9:30 AM)

| Spore Types               | Classroom 101 | Outside Exterior EV<br>Sample | Field Blank |
|---------------------------|---------------|-------------------------------|-------------|
| Alternaria (Ulocladium)   | -             | -                             | -           |
| Ascospores                | -             | 40                            | -           |
| Aspergillus/Penicillium   | 40            | 100                           | -           |
| Basidiospores             | 100           | 200                           | -           |
| Bipolaris++               | -             | -                             | -           |
| Chaetomium                | -             | -                             | -           |
| Cladosporium              | -             | 40                            | -           |
| Curvularia                | -             | -                             | -           |
| Epicoccum                 | -             | -                             | -           |
| Fusarium                  | -             | -                             | -           |
| Ganoderma                 | -             | -                             | -           |
| Myxomycetes++             | -             | -                             | -           |
| Pithomyces++              | -             | -                             | -           |
| Rust                      | -             | -                             | -           |
| Scopulariopsis/Microascus | -             | -                             | -           |
| Stachybotrys/Memnoniella  | -             | -                             | -           |
| Unidentifiable Spores     | -             | -                             | -           |
| Zygomycetes               | -             | -                             | -           |
| Nigrospora                | -             | -                             | -           |
| Hyphal Fragment           | 80            | -                             | -           |
| Insect Fragment           |               | -                             | -           |
| Pollen                    |               | -                             | -           |
| Total Fungi               | 140           | 380                           | No Trace    |

\*Spore Counts per cubic meter of air (Counts/m3).

++Includes other spores with similar morphology.



#### **Findings and Conclusions**

The comfort parameters (i.e., temperature, RH, CO<sub>2</sub>, and CO levels) in the representative areas conform to ASHRAE and/or NAAQS guidelines. On November 20, 2020, total mold counts in representative area samples (spore count/m<sup>3</sup> of air) in all the areas inspected were lower than the outdoor concentrations with the exception of Classroom 101, indicating amplified mold growth.

On February 20, 2021, total mold counts in air samples (spore count/ $m^3$  of air) in Classroom 101 were significantly lower than the outdoor concentrations, indicating no amplified mold growth. Based on the observations, mold spore results, and the results of the indoor air quality parameters tested, the corrective actions implemented were determined to be effective.

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,

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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



10768 Baltimore Avenue Beltsville, MD 20705 Tel/Fax: (301) 937-5700 / (301) 937-5701 http://www.EMSL.com / beltsvillelab@emsl.com EMSL Order: 192011580 Customer ID: SALU50 Customer PO: Project ID:

Attention: Indika Jayatilake

SaLUT 1818 New York Avenue, NE Suite 231 Washington, DC 20002 Project: Edgar Allen Poe/ PG County Phone: (301) 595-3783 Fax: (301) 595-3787 Collected Date: 11/20/2020 Received Date: 11/20/2020 12:08 PM Analyzed Date: 11/25/2020

| Test Report:Air-          | Test Report:Air-O-Cell(™) Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods MICRO-SOP-201, ASTM D7391) |                      |            |           |                      |            |           |                      |            |  |  |
|---------------------------|--|----------------------|------------|-----------|----------------------|------------|-----------|----------------------|------------|--|--|
| Lab Sample Number:        | 1  | 92011580-0001        |            | 1         | 192011580-0002       |            |           | 192011580-0003       |            |  |  |
| Client Sample ID:         |  | S1<br>75             |            |           |                      |            | \$3       |                      |            |  |  |
| Volume (L):               |  |                      |            |           | 75                   |            |           | 75                   |            |  |  |
| Sample Location:          |  | lti purpose roon     |            |           | Classroom 101        |            |           | /een CR 108 & '      |            |  |  |
| Spore Types               | Raw Count  | Count/M <sup>3</sup> | % of Total | Raw Count | Count/M <sup>3</sup> | % of Total | Raw Count | Count/M <sup>3</sup> | % of Total |  |  |
| Alternaria (Ulocladium)   | -  | -                    | -          | 1*        | 10*                  | 0.2        | -         | -                    | -          |  |  |
| Ascospores                | -  | -                    | -          | 5         | 200                  | 3.1        | 3         | 100                  | 4.1        |  |  |
| Aspergillus/Penicillium   | 14   | 590                  | 83.1       | 41        | 1700                 | 26.4       | 16        | 680                  | 28.1       |  |  |
| Basidiospores             | 1  | 40                   | 5.6        | 84        | 3500                 | 54.4       | 23        | 970                  | 40.1       |  |  |
| Bipolaris++               | -  | -                    | -          | -         | -                    | -          | -         | -                    | -          |  |  |
| Chaetomium                | -  | -                    | -          | -         | -                    | -          | -         | -                    | -          |  |  |
| Cladosporium              | 2  | 80                   | 11.3       | 17        | 720                  | 11.2       | 12        | 510                  | 21.1       |  |  |
| Curvularia                | -  | -                    | -          | -         | -                    | -          | 1         | 40                   | 1.7        |  |  |
| Epicoccum                 | -  | -                    | -          | -         | -                    | -          | -         | -                    | -          |  |  |
| Fusarium                  | -  | -                    | -          | -         | -                    | -          | -         | -                    | -          |  |  |
| Ganoderma                 | -  | -                    | -          | -         | -                    | -          | 1         | 40                   | 1.7        |  |  |
| Myxomycetes++             | -  | -                    | -          | 4         | 200                  | 3.1        | 1         | 40                   | 1.7        |  |  |
| Pithomyces++              | -  | -                    | -          | -         | -                    | -          | -         | -                    | -          |  |  |
| Rust                      | -  | -                    | -          | -         | -                    | -          | -         | -                    | -          |  |  |
| Scopulariopsis/Microascus | -  | -                    | -          | -         | -                    | -          | -         | -                    | -          |  |  |
| Stachybotrys/Memnoniella  | -  | -                    | -          | -         | -                    | -          | -         | -                    | -          |  |  |
| Unidentifiable Spores     | -  | -                    | -          | -         | -                    | -          | -         | -                    | -          |  |  |
| Nigrospora                | -  | -                    | -          | 1*        | 10*                  | 0.2        | -         | -                    | -          |  |  |
| Polythrincium             | -  | -                    | -          | 1*        | 10*                  | 0.2        | -         | -                    | -          |  |  |
| Spadicoides               | -  | -                    | -          | 1         | 40                   | 0.6        | -         | -                    | -          |  |  |
| Torula-like               | -  | -                    | -          | 1         | 40                   | 0.6        | 1         | 40                   | 1.7        |  |  |
| Total Fungi               | 17   | 710                  | 100        | 156       | 6430                 | 100        | 58        | 2420                 | 100        |  |  |
| Hyphal Fragment           | -  | -                    | -          | 3         | 100                  | -          | 2         | 80                   | -          |  |  |
| Insect Fragment           | -  | -                    | -          | 6         | 300                  | -          | 2         | 80                   | -          |  |  |
| Pollen                    | 1*   | 10*                  | -          | -         | -                    | -          | -         | -                    | -          |  |  |
| Analyt. Sensitivity 600x  | -  | 42                   | -          | -         | 42                   | -          | -         | 42                   | -          |  |  |
| Analyt. Sensitivity 300x  | -  | 13*                  | -          | -         | 13*                  | -          | -         | 13*                  | -          |  |  |
| Skin Fragments (1-4)      | -  | 2                    | -          | -         | 1                    | -          | -         | 2                    | -          |  |  |
| Fibrous Particulate (1-4) | -  | 1                    | -          | -         | 1                    | -          | -         | 1                    | -          |  |  |
| Background (1-5)          | -  | 1                    | -          | -         | 2                    | -          | -         | 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

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples are received, accept in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. High levels of background particulates can overloading of background particulates, leading to underestimation. Background levels of 5 indicate an overloading of background particulates, prohibiting accurate detection and quantification. Present = Spores detected on overloaded samples. Results are not blank corrected unless otherwise noted. The detection limit is equal to one fungal spore, structure, pollen, fiber particle or insect fragment. "\*" Denotes particles found at 300X. "." Denotes not detected. Due to method stopping rules, raw counts in excess of 100 are extrapolated based on the percentage analyzed.

Samples analyzed by EMSL Analytical, Inc. Plymouth Meeting, PA AIHA-LAP, LLC EMLAP #178659

Initial report from: 11/25/2020 09:20 AM

For information on the fungi listed in this report, please visit the Resources section at www.emsl.com 0.09-20.AM



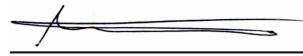
10768 Baltimore Avenue Beltsville, MD 20705 Tel/Fax: (301) 937-5700 / (301) 937-5701 http://www.EMSL.com / beltsvillelab@emsl.com EMSL Order: 192011580 Customer ID: SALU50 Customer PO: Project ID:

Attention: Indika Jayatilake

SaLUT 1818 New York Avenue, NE Suite 231 Washington, DC 20002 Project: Edgar Allen Poe/ PG County Phone: (301) 595-3783 Fax: (301) 595-3787 Collected Date: 11/20/2020 Received Date: 11/20/2020 12:08 PM Analyzed Date: 11/25/2020

| Test Report:Air-0                                      | O-Cell(™) Analy | sis of Fungal S           | oores & Partic | ulates by Optica | I Microscopy (N           | lethods MICR | O-SOP-201, AST | M D7391)                  |            |
|--|-----------------|---------------------------|----------------|------------------|---------------------------|--------------|----------------|---------------------------|------------|
| Lab Sample Number:<br>Client Sample ID:<br>Volume (L): | 1               | 92011580-0004<br>S4<br>75 |                | 1                | 92011580-0005<br>S5<br>75 |              | 1              | 92011580-0006<br>S6<br>75 |            |
| Sample Location:                                       |                 | Office 202                |                | j                | Classroom 203             |              |                | Ambient                   |            |
| Spore Types  | Raw Count       | Count/M <sup>3</sup>      | % of Total     | Raw Count        | Count/M <sup>3</sup>      | % of Total   | Raw Count      | Count/M <sup>3</sup>      | % of Total |
| Alternaria (Ulocladium)                                | -               | -                         | -              | -                | -                         | -            | 1              | 40                        | 2          |
| Ascospores   | -               | -                         | -              | 1*               | 10*                       | 0.6          | 3              | 100                       | 5.1        |
| Aspergillus/Penicillium                                | 4               | 200                       | 24.7           | 10               | 420                       | 24           | -              | -                         | -          |
| Basidiospores  | 9               | 400                       | 49.4           | 26               | 1100                      | 62.9         | 36             | 1500                      | 75.8       |
| Bipolaris++  | -               | -                         | -              | -                | -                         | -            | -              | -                         | -          |
| Chaetomium   | -               | -                         | -              | -                | -                         | -            | -              | -                         | -          |
| Cladosporium   | 5               | 200                       | 24.7           | 5                | 200                       | 11.4         | 1              | 40                        | 2          |
| Curvularia   | -               | -                         | -              | -                | -                         | -            | -              | -                         | -          |
| Epicoccum  | -               | -                         | -              | -                | -                         | -            | -              | -                         | -          |
| Fusarium   | -               | -                         | -              | -                | -                         | -            | -              | -                         | -          |
| Ganoderma  | 1*              | 10*                       | 1.2            | -                | -                         | -            | -              | -                         | -          |
| Myxomycetes++  | -               | -                         | -              | 1*               | 10*                       | 0.6          | 6              | 300                       | 15.2       |
| Pithomyces++   | -               | -                         | -              | 1*               | 10*                       | 0.6          | -              | -                         | -          |
| Rust   | -               | -                         | -              | -                | -                         | -            | -              | -                         | -          |
| Scopulariopsis/Microascus                              | -               | -                         | -              | -                | -                         | -            | -              | -                         | -          |
| Stachybotrys/Memnoniella                               | -               | -                         | -              | -                | -                         | -            | -              | -                         | -          |
| Unidentifiable Spores                                  | -               | -                         | -              | -                | -                         | -            | -              | -                         | -          |
| Nigrospora   | -               | -                         | -              | -                | -                         | -            | -              | -                         | -          |
| Polythrincium  | -               | -                         | -              | -                | -                         | -            | -              | -                         | -          |
| Spadicoides  | -               | -                         | -              | -                | -                         | -            | -              | -                         | -          |
| Torula-like  | -               | -                         | -              | -                | -                         | -            | -              | -                         | -          |
| Total Fungi  | 19              | 810                       | 100            | 44               | 1750                      | 100          | 47             | 1980                      | 100        |
| Hyphal Fragment  | 1               | 40                        | -              | -                | -                         | -            | 2              | 80                        | -          |
| Insect Fragment  | 3               | 100                       | -              | 1                | 40                        | -            | -              | -                         | -          |
| Pollen   | -               | -                         | -              | -                | -                         | -            | -              | -                         | -          |
| Analyt. Sensitivity 600x                               | -               | 42                        | -              | -                | 42                        | -            | -              | 42                        | -          |
| Analyt. Sensitivity 300x                               | -               | 13*                       | -              | -                | 13*                       | -            | -              | 13*                       | -          |
| Skin Fragments (1-4)                                   | -               | 2                         | -              | -                | 2                         | -            | -              | 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

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Samples analyzed by EMSL Analytical, Inc. Plymouth Meeting, PA AIHA-LAP, LLC EMLAP #178659

Initial report from: 11/25/2020 09:20 AM

For information on the fungi listed in this report, please visit the Resources section at www.emsl.com 20.09-20.AM



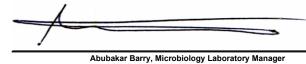
10768 Baltimore Avenue Beltsville, MD 20705 Tel/Fax: (301) 937-5700 / (301) 937-5701 http://www.EMSL.com / beltsvillelab@emsl.com EMSL Order: 192011580 Customer ID: SALU50 Customer PO: Project ID:

Attention: Indika Jayatilake

SaLUT 1818 New York Avenue, NE Suite 231 Washington, DC 20002 Project: Edgar Allen Poe/ PG County Phone: (301) 595-3783 Fax: (301) 595-3787 Collected Date: 11/20/2020 Received Date: 11/20/2020 12:08 PM Analyzed Date: 11/25/2020

| Lab Sample Number:<br>Client Sample ID:<br>Volume (L):<br>Sample Location: | 1:        | 92011580-0007<br>S7<br>FB |            |   |   |   |   |   |   |
|--|-----------|---------------------------|------------|---|---|---|---|---|---|
| Spore Types  | Raw Count | Count/M <sup>3</sup>      | % of Total |   | - | - | - |   |   |
| Alternaria (Ulocladium)  | -         | -                         | -          | - | - | - | - | _ | - |
| Ascospores   | -         | -                         | -          |   |   | - |   |   |   |
| Aspergillus/Penicillium  | -         | -                         | -          |   |   | - |   |   |   |
| Basidiospores  | -         | -                         | -          |   |   | - |   |   |   |
| Bipolaris++  | -         | -                         | -          |   |   | - |   |   |   |
| Chaetomium   | -         | -                         | -          |   |   | - |   |   |   |
| Cladosporium   | -         | -                         | -          |   |   | - |   |   |   |
| Curvularia   | -         | -                         | -          |   |   | - |   |   |   |
| Epicoccum  | -         | -                         | -          |   |   | - |   |   |   |
| Fusarium   | -         | -                         | -          |   |   | - |   |   |   |
| Ganoderma  | -         | -                         | -          |   |   | - |   |   |   |
| Myxomycetes++  | -         | -                         | -          |   |   | - |   |   |   |
| Pithomyces++   | -         | -                         | -          |   |   | - |   |   |   |
| Rust   | -         | -                         | -          |   |   | - |   |   |   |
| Scopulariopsis/Microascus  | -         | -                         | -          |   |   | - |   |   |   |
| Stachybotrys/Memnoniella   | -         | -                         | -          |   |   | - |   |   |   |
| Unidentifiable Spores  | -         | -                         | -          |   |   | - |   |   |   |
| Nigrospora   | -         | -                         | -          |   |   |   |   |   |   |
| Polythrincium  | -         | -                         | -          |   |   |   |   |   |   |
| Spadicoides  | -         | -                         | -          |   |   |   |   |   |   |
| Torula-like  | -         | -                         | -          |   |   |   |   |   |   |
| 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.



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Samples analyzed by EMSL Analytical, Inc. Plymouth Meeting, PA AIHA-LAP, LLC EMLAP #178659

Initial report from: 11/25/2020 09:20 AM

For information on the fungi listed in this report, please visit the Resources section at www.emsl.com 0 09:20 AM



200 Route 130 North Cinnaminson, NJ 08077 Tel/Fax: (800) 220-3675 / (856) 786-0262 http://www.EMSL.com / cinnmicrolab@emsl.com EMSL Order: 372102612 Customer ID: SALU50 Customer PO: Project ID:

Attention: Indika Jayatilake

SaLUT 1818 New York Avenue, NE Suite 231 Washington, DC 20002

Project: Edgar Allen Poe Academy / PGCPS Reports 19-035

Phone: (301) 595-3783 Fax: (301) 595-3787 Collected Date: 02/20/2021 Received Date: 02/22/2021 11:00 AM Analyzed Date: 02/25/2021

| Test Report:Air-O-Cell(™) Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods MICRO-SOP-201, ASTM D7391) |           |                                   |            |           |                            |            |           |                                  |            |  |
|--|-----------|-----------------------------------|------------|-----------|----------------------------|------------|-----------|----------------------------------|------------|--|
| Lab Sample Number:<br>Client Sample ID:<br>Volume (L):   | 3         | 372102612-0001<br>3019 9820<br>75 |            |           | 372102612-0002<br>30199900 |            |           | 372102612-0003<br>30199803<br>75 |            |  |
| Sample Location:   |           | utside Sample                     |            |           | Field Blank                |            |           | Classroom 101                    |            |  |
| Spore Types  | Raw Count | Count/M <sup>3</sup>              | % of Total | Raw Count | Count/M <sup>3</sup>       | % of Total | Raw Count | Count/M <sup>3</sup>             | % of Total |  |
| Alternaria (Ulocladium)  | -         | -                                 | -          | -         | -                          | -          | -         | -                                | -          |  |
| Ascospores   | 1         | 40                                | 10.5       | -         | -                          | -          | -         | -                                | -          |  |
| Aspergillus/Penicillium  | 3         | 100                               | 26.3       | -         | -                          | -          | 1         | 40                               | 28.6       |  |
| Basidiospores  | 4         | 200                               | 52.6       | -         | -                          | -          | 3         | 100                              | 71.4       |  |
| Bipolaris++  | -         | -                                 | -          | -         | -                          | -          | -         | -                                | -          |  |
| Chaetomium   | -         | -                                 | -          | -         | -                          | -          | -         | -                                | -          |  |
| Cladosporium   | 1         | 40                                | 10.5       | -         | -                          | -          | -         | -                                | -          |  |
| Curvularia   | -         | -                                 | -          | -         | -                          | -          | -         | -                                | -          |  |
| Epicoccum  | -         | -                                 | -          | -         | -                          | -          | -         | -                                | -          |  |
| Fusarium   | -         | -                                 | -          | -         | -                          | -          | -         | -                                | -          |  |
| Ganoderma  | -         | -                                 | -          | -         | -                          | -          | -         | -                                | -          |  |
| Myxomycetes++  | -         | -                                 | -          | -         | -                          | -          | -         | -                                | -          |  |
| Pithomyces++   | -         | -                                 | -          | -         | -                          | -          | -         | -                                | -          |  |
| Rust   | -         | -                                 | -          | -         | -                          | -          | -         | -                                | -          |  |
| Scopulariopsis/Microascus  | -         | -                                 | -          | -         | -                          | -          | -         | -                                | -          |  |
| Stachybotrys/Memnoniella   | -         | -                                 | -          | -         | -                          | -          | -         | -                                | -          |  |
| Unidentifiable Spores  | -         | -                                 | -          | -         | -                          | -          | -         | -                                | -          |  |
| Zygomycetes  | -         | -                                 | -          | -         | -                          | -          | -         | -                                | -          |  |
| Total Fungi  | 9         | 380                               | 100        | -         | No Trace                   | -          | 4         | 140                              | 100        |  |
| Hyphal Fragment  | -         | -                                 | -          | -         | -                          | -          | 2         | 80                               | -          |  |
| Insect Fragment  | -         | -                                 | -          | -         | -                          | -          | -         | -                                | -          |  |
| Pollen   | -         | -                                 | -          | -         | -                          | -          | -         | -                                | -          |  |
| Analyt. Sensitivity 600x   | -         | 41                                | -          | -         | 0                          | -          | -         | 41                               | -          |  |
| Analyt. Sensitivity 300x   | -         | 13*                               | -          | -         | 0*                         | -          | -         | 13*                              | -          |  |
| Skin Fragments (1-4)   | -         | 1                                 | -          | -         | -                          | -          | -         | 1                                | -          |  |
| Fibrous Particulate (1-4)  | -         | 1                                 | -          | -         | -                          | -          | -         | 1                                | -          |  |
| Background (1-5)   | -         | 1                                 | -          | -         | -                          | -          | -         | 1                                | -          |  |

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

Vincent luzzolino, M.S., Laboratory Manager or other Approved Signatory

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Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ AIHA-LAP, LLC-EMLAP Accredited #100194

Initial report from: 02/25/2021 11:22 AM

For information on the fungi listed in this report, please visit the Resources section at www.emsl.com 21 11-22 AM OrderID: 192011580

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| Microbiology | Chain | of | Custody    |
|--------------|-------|----|------------|
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EMSL Order Number (Lab Use Only):

EMSL ANALYTICAL, INC. 200 ROUTE 130 NORTH CINNAMINSON, NJ 08077 PHONE: (800) 220-3675 FAX:(856) 786-0262

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|  |  | ·   |   |                          |  |  |                                   |  |
|--|--|---|---|--------------------------|--|--|-----------------------------------|--|
| Company Name: Salut Inc  |  |   | EMSL-Bill to: Same Different If<br>Bill to is Different note instructions in Comments                                 |                          |  |  |                                   |  |
| Street: 1818 New York Ave NE Suite 231   |  |   | Third Party Billing requires written authorization from third party.  |                          |  |  |                                   |  |
| City: Washington State/Province: DC  |  |   | Zip/Postal Code:  |                          |  | Country:                                   |                                   |  |
| Report To (Name)   | : Indika Jaya-   | ilake   | Telephone #:  |                          |  |  |                                   |  |
| Email Address:   | atinc. Com   | ) Fax #:  | <u> </u>  |                          | Purchase Or  | der:                                       |                                   |  |
| Project Name/Nur   | 1jayati lake Osali<br>nber: Ba Edgar, Allen 1  | De Phim   | Rease Provide R   | esuits:                  | <u> </u>   | Email                                      |                                   |  |
| U.S. State Sample  | s Taken: Placounty Project   |   |   |                          |  | Commercial                                 | Residential                       |  |
| 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. |  |   |   |                          |  |  |                                   |  |
| 3 Hour   |  | nd Time (TAT)   | Options - Please (  | r                        | 6 Hour   | 1 Week                                     | 2 Week                            |  |
|  | 6 Hour 24 Hour   |   | y Test Codes  |                          | o nour   |  |                                   |  |
| M001 Air-O-Cell  | M174 MoldSnap  |   | nonas aeruginosa (PIA   | (* <sup>**</sup> )       | M115 Sew   | age Screen - Wa                            | ter (P/A***)                      |  |
| M030 Micro 5   | M032 Allergenco-D  | M024 Pseudon  | nonas aeruginosa (MF  |                          | M116 Sew   | age Screen - Wa                            | ter (MPN**)                       |  |
| M041 Fungal Direct E   | zamination   |   | ophic Plate Count<br>liform & <i>E. coli</i> (Coliler   | t P/A***)                | M013 Sew   | age Screen - Swa<br>age Screen - Swa       | ab (MFT*)                         |  |
| M169 Pollen ID & Ent   |  |   | liform & <i>E. coli</i> (MFT*)<br>liform & <i>E. coli</i> Enume   |                          | M133 Meth<br>(MRSA)                                | M133 Methicillin-resistant Staph. aureus   |                                   |  |
| M280 Dust Character<br>M281 Dust Character   |  | (Colilert MPN**   | )   | M031 Rapi                | (MRSA)<br>M031 Rapid-growing non-TB Mycobacteria   |  |                                   |  |
| M005 Viable Fungi- A   | ir Samples (Genus ID & Count)  | M019 Fecal Co<br>M020 Fecal St  | liform (MFT*)<br>reptococcus (MFT*)   |                          | Detection & Enumeration<br>M014 Endotoxin Analysis |  |                                   |  |
|  | ir Samples (Includes Penicillium,<br>prium, Stachybotrys Species ID &                        | M029 Enteroco   | occi (MFT*)   |                          | M044 Grou  |  | o Allergen (Cat, Dog, Cockroach,  |  |
| Count)   |  |   | M129 Enterococci (Enterolert P/A***) Dust Mite)<br>M180 Real Time qPCR-ERMI 36 Panel Other See Analytical Price Guide |                          |  |  |                                   |  |
| Count)   | i - Surface Samples (Genus ID &  | M025-Sewage Screen – Water (MFT*) Legionella Analysis Please use EMSL |   |                          |  |  |                                   |  |
|  | i - Surface Samples (Includes  |   | Legionella COC  |                          |  |  |                                   |  |
| Species ID & Count)  | ıs, Cladosporium, Stachybotrys   | *M/ET- Mombr  | ano Filtration Toobaig  |                          |  |  |                                   |  |
|  | e Gram Stain & Count<br>& ID - 3 Most Prominent  |   | MFT= Membrane Filtration Technique<br>*MPN= Most Probable Number  |                          |  |  |                                   |  |
|  | & ID - 5 Most Prominent  | ***P/A= Preser  | ce/Absence  |                          |  |  |                                   |  |
| Name of Sampler:   | shenal Dias  |   | Signature of Sampler:   |                          |  |  |                                   |  |
| Sample #   | Sample Location/Description  | Sample  | Potable/<br>NonPotable  | Test                     | Volume/  | Date/Time                                  | Temperature<br>(*C)               |  |
|  |  | Туре  | (Only for Waters)   | Code                     | Area   | Collected                                  | (Lab Use Only)                    |  |
| Example A1   | Kitchen Sink/Tap   | Water   |   | M017                     | <u>100</u> mL :                                    | 9/1/13<br>4:00 PM                          |                                   |  |
| <u>\$1</u> _   | Mult: purpose room   | Alv_  |   | MOOL                     | 75   | 11/20/20                                   |                                   |  |
| <u>\$2</u>   | classioum 101  | 19 .  |   | 94                       | <b>9</b> 7   | · 97                                       |                                   |  |
| S3   | Between CR 108 \$ 109  | n   |   | •4                       | 17   | 87   |                                   |  |
| <u>\$4</u>   | office 202   |   |   | 1 12                     | 17   | •7   | ۰                                 |  |
| \$5  |  | - 4   |   | ·                        |  | •  | <u></u>                           |  |
|  | Classroom 203  |   |   | 17                       | 19   | 12   |                                   |  |
| Client Sample # (s   | Classroom 203  | l   |   | ۹ <sub>1</sub><br>Sample | 19   | 12<br>d Chilled? • Y                       | es / No                           |  |
|  | Classroom 203  | • •   |   | ۹ <sub>1</sub><br>Sample | / 🤈<br>s Receive                                   | <b>17</b><br>d Chilled? Y                  |                                   |  |
| Client Sample # (s<br><u>Relinquished (Clie</u><br>Receiv <u>ed</u> (Lab):                                 | C(assroom 203<br>): -<br>ent):   | • •   | DPDNP   | ۹ <sub>1</sub><br>Sample | 7<br>s Réceive<br>ab Use Onl                       | <b>17</b><br>d Chilled? Y                  | es/Nô                             |  |
| Client Sample # (s<br>Relinquished (Clie   | C(assroom 203<br>): -<br>ent):   | • •   | Date:   | ۹ <sub>1</sub><br>Sample | 9<br>s Réceive<br>ab Use Onl<br>Time:              | 17<br>d Chilled? Y                         | EMSI                              |  |
| Client Sample # (s<br><u>Relinquished (Clie</u><br>Receiv <u>ed</u> (Lab):                                 | C(assroom 203<br>): -<br>ent):   | • •   | Date:   | ۹ <sub>1</sub><br>Sample | 9<br>s Réceive<br>ab Use Onl<br>Time:              | 17<br>d Chilled? Y                         | EMSL AN<br>BELTS                  |  |
| Client Sample # (s<br><u>Relinquished (Clie</u><br>Receiv <u>ed</u> (Lab):                                 | C(assroom 203<br>): -<br>ent):   | • •   | Date:   | ۹ <sub>1</sub><br>Sample | 9<br>s Réceive<br>ab Use Onl<br>Time:              | 17<br>d Chilled? Y                         | EMSL AN<br>BELTS                  |  |
| Client Sample # (s<br><u>Relinquished (Clie</u><br>Receiv <u>ed</u> (Lab):                                 | C(assroom 203<br>): -<br>ent):   | Total # of S  | □ P □NP<br>Samples: 7<br>Date:<br>Date:   | ۹ <sub>1</sub><br>Sample | 9<br>s Réceive<br>ab Use Onl<br>Time:              | 17<br>d Chilled?<br>y)<br>104<br>NUY<br>20 | EMSL ANALYTI<br>BELTSVILLE        |  |
| Client Sample # (s<br><u>Relinquished (Clie</u><br><u>Received (Lab):</u><br>Comments/Specia               | C (all room 203<br>): -<br>ent):<br>I Instructions:<br>nc.'s Laboratory Terms and Conditions | Total # of S<br>Page <u>1</u><br>are incorporated                     | P NP   samples: 7   Date:   Date:   of  | 17<br>Sample<br>(        | s Receive<br>ab Use Onl<br>Time:<br>Time:<br>Time: | 19<br>d Chilled?<br>y)<br>Eu<br>NUY<br>20  | EMSL ANALYTICA<br>BELTSVILLE,     |  |
| Client Sample # (s<br><u>Relinquished (Clie</u><br><u>Received (Lab):</u><br>Comments/Specia               | C(assroom 203<br>): -<br>ent):   | Total # of S<br>Page <u>1</u><br>are incorporated                     | P NP   samples: 7   Date:   Date:   of  | 17<br>Sample<br>(        | s Receive<br>ab Use Onl<br>Time:<br>Time:<br>Time: | 19<br>d Chilled?<br>y)<br>Eu<br>NUY<br>20  | EMSL ANALYTICAL<br>BELTSVILLE, MO |  |

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OrderID: 192011580



## **Microbiology Chain of Custody** EMSL Order Number (Lab Use Only):

EMSL ANALYTICAL, INC. 200 ROUTE 130 NORTH CINNAMINSON, NJ 08077 PHONE: (800) 220-3675 FAX:(856) 786-0262

Additional pages of the chain of custody are only necessary if needed for additional sample information.

| Sample #       | Sample Location/Description           | Sample<br>Type                               | Potable/<br>NonPotable<br>(Only for Waters) | Test<br>Code | Volume/<br>Area | Date/Time<br>Collected | Temperature<br>(*C)<br>(Lab Use Only         |
|----------------|---------------------------------------|--|---|--------------|-----------------|------------------------|--|
| 56             | Ambient.                              | Air  |   | M CO1        | 75              | 11/20/20               |  |
| \$7            | FB [field blanle]                     | ••   |   | NOOI         | 75              | •2                     |  |
| -<br>-         | 3                                     |  |   |              |                 |                        |  |
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|                | 1                                     | <u>.                                    </u> |   |              |                 |                        |  |
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|                |                                       |  |   |              |                 |                        |  |
| omments/Specia |                                       | -  |   |              |                 | _                      |  |

Page\_ of

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OrderID: 372102612



# Microbiology Chain of Custody

בויוטב הוומוץנוטמו, וווט. 10768 Baltimore Avenue

| EMS  |  | EMSL               | Order Nu   | mber (Lab Use Or  | nly):   |   |  | 00705                 |  |
|--|--|--------------------|--|---|---|---|--|-----------------------|--|
| EMSL ANALYT                                |  | 2                  | 5721   | 02612   |   | E   | PHONE: (30   | 1) 937-5700           |  |
|  |  |                    |  | E   |   | o: 🗸 Same   | States of the local division of the local di | 1) 937-5701           |  |
| Company Name: SaLUT                        |  |                    | lf   | 'Bill To' is diff   | erent, note inst  | tructions in Comme  |  |                       |  |
| Street: 1818 New York Avenue, NE Suite 231 |  |                    | Third Party Billing requires written authorization from third party.   |   |   |   |  |                       |  |
| City: Washingto                            | n  | State/Province: D  | C  | Zip/Postal Code   | 20002   |   | Country: US  | 3                     |  |
| Report To (Name): Indika Jayatilake        |  |                    | Telephone #: 301-595-3783  |   |   |   |  |                       |  |
| Email Address:                             | ijayatilake@sal                                | lutinc.com         |  | Fax #: 301-595-   | 3787  |   | Purchase O   | rder:                 |  |
| Project Name/N                             | umber: PGPCS IAQ F                             | Reports 19-035     | Allon Poe  | Please Provide I  | Results:  | 🗌 Fax 🕽   | Email  |                       |  |
| U.S. State Samp                            |  |                    | t Zip Code:  |   |   |   | Commercial   | Residentia            |  |
|  |  |                    |  | sed: 🗌 Biocide Use  |   |   |  |                       |  |
| Publi                                      | c Water Supply                                 |                    |  | ay automatically be   |   | to DOH if   | required by s  | tate.                 |  |
| 3 Hour                                     | 6 Hour   | 24 Hour            | And Time (TAT  | ) Options - Please<br>72 Hour   |   | 6 Hour  | 1 Week   | 2 Week                |  |
|  |  |                    |  | gy Test Codes   |   | 6 Hour  | I I Week   |                       |  |
| M001 Air-O-Cell                            | M174 M   | loldSnap           | فمند والمتحد المتحد المتح | omonas aeruginosa (P/   | 'A***)  | M115 Sew  | age Screen - Wa  | ater (P/A***)         |  |
| M030 Micro 5                               |  | llergenco-D        | M024 Pseudo  | monas aeruginosa (MFT*) M116 Sewage Screen-Water (MP  |   |   |  |                       |  |
| M041 Fungal Direct                         | t Examination                                  |                    |  | oliform & E. coli (Colile   | ert P/A***)   | M117 Sewage Screen Swab (P/A***)<br>M013 Sewage Screen Swab (MET)<br>M133 Methicillin-resistant Staph, agreus<br>(MRSA)<br>M031 Rapid-growing non-TB Mycobacteria |  |                       |  |
| M169 Pollen ID & E                         |  |                    |  | oliform & E. coli (MFT*<br>oliform & E. coli Enum   |   |   |  |                       |  |
| M280 Dust Charac<br>M281 Dust Charac       |  |                    | (Colilert MPN  | **)   | eration   |   |  |                       |  |
| M005 Viable Fungi                          | - Air Samples (Gen                             |                    |  | Coliform (MFT*)   |   |   | & Enumeration  |                       |  |
|  | - Air Samples (Inclusporium, Stachybotr        |                    | M029 Enterod   |   | reptococcus (MFT*) M014 Endotoxin Analysis<br>bcci (MFT*) M044 Group Allergen (Cat, I |   |  | Dog, Cockroach        |  |
| Count)                                     |  |                    |  | occi (Enterolert P/A***)       Dust Mite)         me qPCR-ERMI 36 Panel       Other See Analytical Price Guid         Screen –Water (MFT*)       Legionella Analysis Please use |   |   |  | Guide                 |  |
| M007 Culturable fu<br>Count)               | ngi - Surface Samp                             | oles (Genus ID &   |  |   |   |   |  |                       |  |
| M008 Culturable fu                         |  |                    |  | Legionella COC  |   |   |  |                       |  |
| Penicillium, Asperg<br>Species ID & Coun   |  | , Stachybotrys     |  |   |   | - Solo  |  | a subscript           |  |
| M009 Bacteria Cult                         | ture Gram Stain & C                            |                    |  | rane Filtration Techniq<br>Probable Number  | lue   |   |  |                       |  |
|  | Int & ID - 3 Most Pro<br>Int & ID - 5 Most Pro |                    | ***P/A= Prese  | ence/Absence  |   | ~   | $\square$  |                       |  |
| Name of Comple                             | P  | Nela               |  | Circulation of Com  |   | A   |  |                       |  |
| Name of Sample                             | er: / au                                       | Nchang             | 1  | Signature of Sar<br>Potable/  |   | 1   |  | Temperature           |  |
| Sample #                                   | Sample Loo                                     | cation/Description | Sample<br>Type   | NonPotable<br>(Only for Waters)   | Test<br>Code  | Volume/<br>Area   | Date/Time<br>Collected   | (°C)<br>(Lab Use Only |  |
| Example A1                                 | Kitchen Sink/                                  | Тар                | Water  |   | M017  | 100 mL  | 9/1/13<br>4:00 PM  |                       |  |
| 3019 9820                                  | Outside S                                      |                    | Air  |   | MOOI  | 75L   | 2/21/21  |                       |  |
| 019 9900                                   | Field Bl                                       |                    | Air  |   | MODI  |   | 2/21/21  |                       |  |
| 019 9803                                   | Class Roor                                     |                    | Air  |   | muui  | 751   | 12/21/21   |                       |  |
|  |  |                    |  |   |   |   | 19-1-01  |                       |  |
|  | 1  | ·                  |  |   |   |   |  |                       |  |
| Client Sample #                            | (s):   | 3                  | Total # of   | Samples: 3  |   |   |  | Yes / No              |  |
| Relinquished (Client): Jay Ncharg          |  |                    |  | (Lab Use Only)  |   |   |  |                       |  |
| Received (Lab): J. Jouwarth Drop for       |  |                    | Rad  | Date:   |   | Time: /4:00   |  |                       |  |
|  | cial Instructions:                             |                    | por  | Date.   |   | Time:   |  |                       |  |
|  |  |                    |  |   |   |   | 202  | EM                    |  |
| GAN  | ar Allan                                       | Pue Aco            | dama   | 10-1  |   | C   | 001.5  | H HC                  |  |
| zug  |  | 100 100            | reierrig   | AU  | $\mathcal{N}$   | Pl  | F140   | 1 1175                |  |
|  |  |                    | Page 1   | of 1  | -   |   |  | S ARR                 |  |
|  |  |                    | s are incorporated   | d into this chain of cust   |   |   | r entirety. Subm   | ission of samples     |  |
|  |  |                    | nowledgment of a   | Ill terms and conditions  | by Custom   | er.   | 1  | z No                  |  |
| Controlled Docu                            | ment - COC-34 Mi                               | cro R8 11/14/2017  | Dec. 1 . 0.  |   |   |   | 9.<br>N  |                       |  |
|  |  |                    | Page 1 Of  | E 1   |   |   | ŵ  | 0                     |  |