



June 26, 2019

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

Attention: Alex Baylor
alex.baylor@pgcps.org

Subject: Indoor Air Quality Survey
Kenmoor Middle School
2500 Kenmoor Drive
Landover, MD 20785

Mr. Baylor:

On May 22, 2019, a Soil and Land Use Technology, Inc. (SaLUT) Industrial Hygienist conducted an indoor air quality (IAQ) evaluation at Kenmoor Middle School, a property maintained by Prince George's County Public Schools (PGCPS) located at 2500 Kenmoor Drive, Landover, MD 20785. 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. A MiniRAE 3000-photoionization detector (PID) was used to measure total volatile organic compounds (TVOC).

Respirable particulate in air (size classes PM_{2.5}μ and PM₁₀μ) was measured using the Particles Plus 8306 Handheld Particle Counter which was calibrated prior to sampling. 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 Kenmoor Middle School, visited on May 22, 2019.

Table 1-Observations

Location	Summary of Observations 5-22-2019
Classroom 102	2' x 4' ceiling tile and 1' x 1' tile floor; No visual signs of microbial growth, and no odor; No visible dust on floor/other furniture surfaces.
Classroom 103	No visual signs of microbial growth, and no odor; No visible dust on floor/other furniture surfaces.
Classroom 104	2'x4' ceiling tiles and 1'x1' tile floor; No visual signs of microbial growth, and no odor; No visible dust on floor/other furniture surfaces.
Classroom 106	2' x 4' ceiling tile and 1' x 1' tile floor; No visual signs of microbial growth, and no odor; No visible dust on floor/other furniture surfaces.
Classroom 110	2' x 4' ceiling tile and 1' x 1' tile floor; No visual signs of microbial growth, and no odor; No visible dust on floor/other furniture surfaces.
Classroom 112	No visual signs of microbial growth, and no odor; No visible dust on floor/other furniture surfaces.
Classroom 201	2' x 4' ceiling tiles and 1'x1' tile floor; No visual signs of microbial growth. No visible dust on floor/other furniture surfaces.
Classroom 207	2' x 4' ceiling tile and 1' x 1' tile floor; No visible signs of microbial growth, and no odor; No visible dust on floor/other furniture surfaces.
Classroom 208	2' x 4' ceiling tile and 1' x 1' tile floor; No visual signs of microbial growth. No visible dust on floor/other furniture surfaces.
Classroom 209	No visual signs of microbial growth, and no odor; No visible dust on floor/other furniture surfaces.
Classroom 212	No visual signs of microbial growth, and no odor; No visible dust on floor/other furniture surfaces.
Classroom 213	No visual signs of microbial growth. No visible dust on floor/other furniture surfaces.
Classroom 214	No visual signs of microbial growth, and no odor; No visible dust on floor/other furniture surfaces.
Classroom 218	No visual signs of microbial growth, and no odor; No visible dust on floor/other furniture surfaces.

Location	Summary of Observations 5-22-2019
Classroom 220	2' x 4' ceiling tile and 1' x 1' tile floor; No visual signs of microbial growth, and no odor; No visible dust on floor/other furniture surfaces.
Classroom 221	2' x 4' ceiling tile and 1' x 1' tile floor; No visual signs of microbial growth, and no odor; No visible dust on floor/other furniture surfaces.
Classroom 223	No visual signs of microbial growth, and no odor; No visible dust on floor/other furniture surfaces.
Classroom 228	No visual signs of microbial growth, and no odor; No visible dust on floor/other furniture surfaces.
Gym	No visual signs of microbial growth, and no odor; No visible dust on floor/other furniture surfaces. Stains on the unit ventilator.
Library	2' x 4' ceiling tile and 1' x 1' tile floor; No visual signs of microbial growth, and no odor; No visible dust on floor/other furniture surfaces.
Teachers' Lounge	2' x 4' ceiling tile and 1' x 1' tile floor; No visual signs of microbial growth, and no odor; No visible dust on floor/other furniture surfaces.

Measurements of Indoor Environmental Quality Parameters

Table 2 depicts a summary of average measurements of comfort parameters and respirable particulates.

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 within the ASHRAE recommended ranges in the representative spaces with the exception of some readings which were slightly lower than the ASHRAE comfort level.

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 temperature readings were within the ASHRAE recommended ranges in the representative spaces with the exception of some readings which were slightly lower than the ASHRAE comfort level.

Carbon Dioxide (CO₂)

Under conditions of maximum occupancy, ASHRAE Standard 62.1-2010, Appendix C, infers that the acceptable CO₂ upper limit is the prevailing outdoor CO₂ concentration plus 700 parts per million (ppm). On the day of the space evaluation, the outdoor (building exterior) CO₂ concentration was approximately 569 ppm therefore indoor concentrations should not exceed approximately 1,269 ppm (700 + 569). The maximum average interior CO₂ concentration detected was 624 ppm in Classroom 106, 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.

Respirable Particulates

Direct reading particulate monitoring did not identify a condition of concern. Particulate concentrations for two mass ranges with EPA ambient air quality guidelines (PM_{2.5} and PM₁₀) were below their respective NAAQS levels. On June 2, 2019, the highest average PM_{2.5} concentration during the monitoring period was 0.003 mg/m³ (3 µg/m³) in the Library. This is compared to the NAAQS primary standard for PM_{2.5} of 12 µg/m³ annual mean. The highest average PM₁₀ concentration during the same period was 0.032 mg/m³ (32 µg/m³) in Classroom 220. This is compared to NAAQS standard for PM₁₀ of 150 µg/m³ 24 hour average.

Total Volatile Organic Chemicals (TVOC)

LEED's standard of 500 µg/m³ for TVOC (ANSI/ASHRAE Standard 62.1-2010) concentrations per the instrument's level of detection for a healthy commercial building were used as the standard for TVOCs for this survey. Concentrations below this value can be considered as "background levels" and, at such low concentrations, they are extremely unlikely to cause any adverse health conditions to the occupants. Generally, values below 3000 µg/m³ are unlikely to cause more than mild irritation or headaches, but to date no recognized industry standard has been established for TVOCs. Perfumes, colognes, and air fresheners as well as certain cleaning chemicals can all cause temporary increases in TVOC readings. TVOC readings cannot be used to establish OSHA limits on specific VOCs or be attributed to specific compounds.

**Table 2: Kenmoor Middle School Instrumental Screening Levels
May 22, 2019**

Sample Location	Temp °F	RH%	CO ppm	CO ₂ ppm	PM 2.5 mg/m ³	PM 10 mg/m ³	TVOC ppm
Standards	ASHRAE 73 to 79°F*	ASHRAE <65%	NAAQS 9	ASHRAE 1,269	NAAQS 0.012	NAAQS 0.150	1.0
Classroom 106	72.5	50.8	0	624	0.001	0.024	0.1
Classroom 207	70.2	47.1	0	546	0.002	0.026	0
Classroom 220	70.7	46.9	0	589	0.001	0.032	0.1
Library	72.6	47.1	0	525	0.003	0.023	0.1
Gym	69.1	53.5	0	474	0.002	0.022	0
Outdoor EC Sample	70.2	54.4	0	569	0.001	0.021	0

PM - Particulate Matter size
°F - Degrees Fahrenheit
CO - Carbon Monoxide
ppm - parts per million

µg/m³ - micrograms per cubic meter
RH% - % Relative Humidity
CO₂ - Carbon Dioxide
* - Summer 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 May 22, 2019, 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).

**Table 3: Kenmoor Middle School - Measurements of Mold-in-Air Samples
May 22, 2019**

Spore Types	Classroom 105	Classroom 207	Classroom 220	Library
<i>Alternaria (Ulocladium)</i>	-	-	-	-
<i>Ascospores</i>	100	40	90	90
<i>Aspergillus/Penicillium</i>	90	-	-	-
<i>Basidiospores</i>	90	300	-	300
<i>Bipolaris++</i>	-	-	-	-
<i>Chaetomium</i>	-	-	-	-
<i>Cladosporium</i>	200	200	-	100
<i>Curvularia</i>	-	-	-	-
<i>Epicoccum</i>	-	-	10*	-
<i>Fusarium</i>	-	-	-	-
<i>Ganoderma</i>	-	-	-	-
<i>Myxomycetes++</i>	-	-	-	-
<i>Pithomyces++</i>	-	-	-	-
<i>Rust</i>	-	-	-	-
<i>Scopulariopsis/Microascus</i>	-	-	-	-
<i>Stachybotrys/Memnoniella</i>	-	-	-	-
<i>Unidentifiable Spores</i>	-	-	-	-
<i>Zygomycetes</i>	-	-	-	-
<i>Polythrincium</i>	-	-	-	-
<i>Hyphal Fragment</i>	-	-	-	-
<i>Insect Fragment</i>	-	-	-	-
<i>Pollen</i>	40*	-	-	-
Total Fungi	480	540	100	490

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

++Includes other spores with similar morphology.

Table 3: Kenmoor Middle School - Measurements of Mold-in-Air Samples Continued

May 22, 2019

Spore Types	Gym	Outside Exterior Sample	Field Blank
<i>Alternaria (Ulocladium)</i>	-	40	-
<i>Ascospores</i>	400	610	-
<i>Aspergillus/Penicillium</i>	40	-	-
<i>Basidiospores</i>	300	1600	-
<i>Bipolaris++</i>	-	-	-
<i>Chaetomium</i>	-	-	-
<i>Cladosporium</i>	200	100	-
<i>Curvularia</i>	-	-	-
<i>Epicoccum</i>	10*	-	-
<i>Fusarium</i>	-	-	-
<i>Ganoderma</i>	-	-	-
<i>Myxomycetes++</i>	30*	40*	-
<i>Pithomyces++</i>	-	-	-
<i>Rust</i>	-	-	-
<i>Scopulariopsis/Microascus</i>	-	-	-
<i>Stachybotrys/Memnoniella</i>	-	-	-
<i>Unidentifiable Spores</i>	-	-	-
<i>Zygomycetes</i>	-	-	-
<i>Polythrincium</i>	-	40	-
<i>Hyphal Fragment</i>	40	-	-
<i>Insect Fragment</i>	-	-	-
<i>Pollen</i>	-	300	-
Total Fungi	380	2430	No Trace

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

++Includes other spores with similar morphology.

Findings and Conclusions

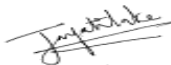
The comfort parameters (i.e., temperature, RH, CO₂, and CO levels) and respirable particulates in the representative areas conform to ASHRAE and/or NAAQS guidelines with the exception of the some temperature readings which were slightly lower than the ASHRAE comfort level. On May 22, 2019, total mold counts in representative area samples (spore count/m³ of air) in all the areas inspected were lower than the outdoor concentrations, indicating no amplified mold growth.

Recommendations

Based on the observations, mold spore results, and the results of the indoor air quality parameters tested, we have no recommendations at this time.

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.

528 Mineola Avenue Carle Place, NY 11514
Tel/Fax: (516) 997-7251 / (516) 997-7528
<http://www.EMSL.com> / carleplacelab@emsl.com

EMSL Order: 061909881
Customer ID: SALU50
Customer PO:
Project ID:

Attn: Indika Jayatilake
SaLUT
1818 New York Avenue, NE
Suite 218A
Washington, DC 20002
Project: PGCPs IAQ/19-035 KENMOOR MS, 2500 Kenmoor Drive, LANDOVER, MD 20785

Phone: (301) 595-3783
Fax: (301) 595-3787
Collected: 05/22/2019
Received: 05/22/2019
Analyzed: 05/24/2019

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

Lab Sample Number:	061909881-0001			061909881-0002			061909881-0003		
Client Sample ID:	2795-3029			2839-4323			2839-4337		
Volume (L):	75			75			75		
Sample Location	Room 105			Room 207			Room 220		
Spore Types	Raw Count	Count/m³	% of Total	Raw Count	Count/m³	% of Total	Raw Count	Count/m³	% of Total
Alternaria (Ulocladium)	-	-	-	-	-	-	-	-	-
Ascospores	3	100	20.8	1	40	7.4	2	90	90
Aspergillus/Penicillium	2	90	18.8	-	-	-	-	-	-
Basidiospores	2	90	18.8	7	300	55.6	-	-	-
Bipolaris++	-	-	-	-	-	-	-	-	-
Chaetomium	-	-	-	-	-	-	-	-	-
Cladosporium	5	200	41.7	5	200	37	-	-	-
Curvularia	-	-	-	-	-	-	-	-	-
Epicoccum	-	-	-	-	-	-	1*	10*	10
Fusarium	-	-	-	-	-	-	-	-	-
Ganoderma	-	-	-	-	-	-	-	-	-
Myxomycetes++	-	-	-	-	-	-	-	-	-
Pithomyces++	-	-	-	-	-	-	-	-	-
Rust	-	-	-	-	-	-	-	-	-
Scopulariopsis/Microascus	-	-	-	-	-	-	-	-	-
Stachybotrys/Memnoniella	-	-	-	-	-	-	-	-	-
Unidentifiable Spores	-	-	-	-	-	-	-	-	-
Zygomycetes	-	-	-	-	-	-	-	-	-
Polythrincium	-	-	-	-	-	-	-	-	-
Total Fungi	12	480	100	13	540	100	3	100	100
Hypchal Fragment	-	-	-	-	-	-	-	-	-
Insect Fragment	-	-	-	-	-	-	-	-	-
Pollen	3*	40*	-	-	-	-	-	-	-
Analyt. Sensitivity 600x	-	44	-	-	44	-	-	44	-
Analyt. Sensitivity 300x	-	13*	-	-	13*	-	-	13*	-
Skin Fragments (1-4)	-	1	-	-	2	-	-	3	-
Fibrous Particulate (1-4)	-	1	-	-	1	-	-	2	-
Background (1-5)	-	3	-	-	2	-	-	3	-

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


Jeffrey Lau, Microbiology Laboratory Manager
or other approved signatory

High levels of background particulate can obscure spores and other 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. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. Carle Place, NY AIHA-LAP, LLC--EMLAP Accredited #102344

Initial report from: 05/26/2019 15:36:33

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



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Fax: (301) 595-3787
Collected: 05/22/2019
Received: 05/22/2019
Analyzed: 05/24/2019

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

Lab Sample Number: Client Sample ID: Volume (L): Sample Location	061909881-0004 2839-4305 75 Library			061909881-0005 2839-4336 75 GYM			061909881-0006 2795-3047 75 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)	-	-	-	-	-	-	1	40	1.6
Ascospores	2	90	18.4	9	400	40.8	14	610	25.1
Aspergillus/Penicillium	-	-	-	1	40	4.1	-	-	-
Basidiospores	8	300	61.2	6	300	30.6	36	1600	65.8
Bipolaris++	-	-	-	-	-	-	-	-	-
Chaetomium	-	-	-	-	-	-	-	-	-
Cladosporium	3	100	20.4	4	200	20.4	3	100	4.1
Curvularia	-	-	-	-	-	-	-	-	-
Epicoccum	-	-	-	1*	10*	1	-	-	-
Fusarium	-	-	-	-	-	-	-	-	-
Ganoderma	-	-	-	-	-	-	-	-	-
Myxomycetes++	-	-	-	2*	30*	3.1	3*	40*	1.6
Pithomyces++	-	-	-	-	-	-	-	-	-
Rust	-	-	-	-	-	-	-	-	-
Scopulariopsis/Microascus	-	-	-	-	-	-	-	-	-
Stachybotrys/Memnoniella	-	-	-	-	-	-	-	-	-
Unidentifiable Spores	-	-	-	-	-	-	-	-	-
Zygomycetes	-	-	-	-	-	-	-	-	-
Polythrincium	-	-	-	-	-	-	1	40	1.6
Total Fungi	13	490	100	23	980	100	58	2430	100
Hyphal Fragment	-	-	-	1	40	-	-	-	-
Insect Fragment	-	-	-	-	-	-	-	-	-
Pollen	-	-	-	-	-	-	6	300	-
Analyt. Sensitivity 600x	-	44	-	-	44	-	-	44	-
Analyt. Sensitivity 300x	-	13*	-	-	13*	-	-	13*	-
Skin Fragments (1-4)	-	3	-	-	2	-	-	1	-
Fibrous Particulate (1-4)	-	1	-	-	1	-	-	1	-
Background (1-5)	-	2	-	-	3	-	-	2	-

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


Jeffrey Lau, Microbiology Laboratory Manager
or other approved signatory

High levels of background particulate can obscure spores and other 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. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. Carle Place, NY AIHA-LAP, LLC--EMLAP Accredited #102344

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

Lab Sample Number:	061909881-0007		
Client Sample ID:	2795-3033		
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	-	-	-
Polythrincium	-	-	-
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.


Jeffrey Lau, Microbiology Laboratory Manager
or other approved signatory

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EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

Microbiology Chain of Custody

EMSL Order Number (Lab Use Only):

061909881

PHONE:

FAX:

Company Name: SaLUT Inc.		EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different If 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: 20002	Country: USA
Report To (Name): Indika Jayatillake		Telephone #: 301-595-3783	
Email Address: ijayatillake@salutinc.com		Fax #:	Purchase Order:
Project Number/Location: PGCPS IAQ/19-035 KENMOOR MS		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email	
Location Address: 2500 Kenmoor Drive, , LANDOVER, MD 20785		Connecticut Samples: <input type="checkbox"/> Commercial <input type="checkbox"/> 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: <input type="checkbox"/> Biocide Used in Source (specify): <input type="checkbox"/>			
Public Water Supply Samples: <input type="checkbox"/> Note: All results may automatically be reported to DOH if required by state.			
Turnaround Time (TAT) Options * - Please Check			
<input type="checkbox"/> 3 Hour	<input type="checkbox"/> 6 Hour	<input type="checkbox"/> 24 Hour	<input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input checked="" type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week

Microbiology Test Codes

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

Name of Sampler:				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)
2795 - 3029	Room 105	Air	<input type="checkbox"/> P <input type="checkbox"/> NP	M001	75L	5/22/2019	
2839 - 4323	Room 207	Air	<input type="checkbox"/> P <input type="checkbox"/> NP	M001	75L	5/22/2019	
2839 - 4337	Room 220	Air	<input type="checkbox"/> P <input type="checkbox"/> NP	M001	75L	5/22/2019	
2839 - 4305	Library	Air	<input type="checkbox"/> P <input type="checkbox"/> NP	M001	75L	5/22/2019	
2839 - 4336	GYM	Air	<input type="checkbox"/> P <input type="checkbox"/> NP	M001	75L	5/22/2019	
2795 - 3047	Outside Exterior EV Sample	Air	<input type="checkbox"/> P <input type="checkbox"/> NP	M001	75L	5/22/2019	

Client Sample # (s):	Total # of Samples: 7	Samples Received Chilled? Yes / No
Relinquished (Client):	Date: 5/22/19	Time:
Received (Lab):	Date: 5/22/19	Time:
Comments/Special Instructions:		

[Handwritten Signature]
5/29/19

RCVD 5/24/19 9:38AM

