



Soil and Land Use Technology, Inc.

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

Telephone: (301) 595-3783
www.salutinc.com

December 17, 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
Middleton Valley Elementary School
4815 Dalton St.
Temple Hills, MD 20748

Mr. Baylor:

On December 5, 2019, a Soil and Land Use Technology, Inc. (SaLUT) Industrial Hygienist conducted an indoor air quality (IAQ) evaluation at Middleton Valley Elementary School, a property maintained by Prince George's County Public School (PGCPS) located at 4815 Dalton St., Temple Hills, MD 20748. The inspection was performed in accordance with PGCPS contract number IFB 022-19.

Methodology

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

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

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

Observations

The table below summarizes the main observations from the IAQ survey at Middleton Valley Elementary School, visited on December 5, 2019.

Table 1-Observations

Location	Summary of Observations 12-05-2019
Hallway in front of Classroom 1	2’x4’ ceiling tiles and 1’x1’ tile floor; No visual signs of microbial growth, and no odor; One stained ceiling tile; Roof and pipe leaks were repaired; No visible dust on floor/other furniture surfaces; Unit ventilator system.
Classroom 4	2’x4’ ceiling tiles and 9”x9” tile floor; No visual signs of microbial growth, and no odor; No visible dust on floor/other furniture surfaces; Roof leak has been repaired; Unit ventilator system and window AC unit.
Classroom 10	2’x4’ ceiling tiles and 9”x9” tile floor; No visual signs of microbial growth, and no odor; No visible dust on floor/other furniture surfaces; Unit ventilator system and window AC unit.
Classroom 15	2’x4’ ceiling tiles and 9”x9” tile floor; No visual signs of microbial growth, and no odor; No visible dust on floor/other furniture surfaces; Unit ventilator system and window AC unit.
Classroom 22	2’x4’ ceiling tiles and 9”x9”/1’x1’ tile floor; No visual signs of microbial growth, and no odor; No visible dust on floor/other furniture surfaces; Unit ventilator system and window AC unit.
Main Office	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; Unit ventilator system and window AC unit.
Cafeteria	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; Central HVAC system.

Measurements of Indoor Environmental Quality Parameters

Table 2 depicts a summary of average measurements of comfort.

Temperature

The American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) have published recommendations for year round acceptable temperatures in Standard 55-2010 *Thermal Environmental Conditions for Human Occupancy*. The winter comfort range is 20 to 24°C (68 to 75°F) and 23 to 26°C (73 to 79°F) is the summer comfort range. The temperature readings were 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 (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 466 ppm therefore indoor concentrations should not exceed approximately 1,166 ppm (700 + 466). The maximum average interior CO₂ concentration detected was 756 ppm in Classroom 15, a range within the ASHRAE recommendations, per Table 2 below.

Carbon Monoxide (CO)

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

**Table 2: Middleton Valley Elementary School Instrumental Screening Levels
December 05, 2019 (7:30 AM-9:30 AM)**

Sample Location	Temp °F	RH%	CO ppm	CO ₂ ppm
Standards	ASHRAE 68 to 75 °F*	ASHRAE <65%	NAAQS 9	ASHRAE 1,166
Hallway in front of Classroom 1	71.6	34.5	0	511
Classroom 4	72.5	32.5	0	510
Classroom 10	73.4	33.6	0	507
Classroom 15	73.6	33.8	0	756
Classroom 22	74.8	31.3	0	746
Main Office	74.3	54.5	0	749
Cafeteria	74.3	53.6	0	715
Exterior of the building - next to the entrance	44.6	48.3	0	466

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
* - Winter Comfort Range

Mold-in-Air Samples

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

Tables 3 summarizes airborne mold spore sampling results and locations. On December 5, 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: Middleton Valley Elementary School - Measurements of Mold-in-Air Samples
December 05, 2019 (7:30 AM-9:30 AM)**

Spore Types	Outdoor next to the Building Entrance Area	Hallway in front of Classroom 1	Classroom 4	Classroom 10
<i>Alternaria (Ulocladium)</i>	-	-	-	-
<i>Ascospores</i>	80	-	40	-
<i>Aspergillus/Penicillium</i>	200	-	80	-
<i>Basidiospores</i>	1,800	200	900	40
<i>Bipolaris++</i>	-	-	-	-
<i>Chaetomium</i>	-	-	-	-
<i>Cladosporium</i>	40	-	100	100
<i>Curvularia</i>	-	10*	-	-
<i>Epicoccum</i>	-	-	-	-
<i>Fusarium</i>	-	-	-	-
<i>Ganoderma</i>	-	-	-	-
<i>Myxomycetes++</i>	10*	200	-	-
<i>Pithomyces++</i>	-	-	-	-
<i>Rust</i>	-	-	-	-
<i>Scopulariopsis/Microascus</i>	-	-	-	-
<i>Stachybotrys/Memmoniella</i>	-	-	-	-
<i>Unidentifiable Spores</i>	-	-	-	-
<i>Zygomycetes</i>	-	-	-	-
<i>Nigrospora</i>	-	-	-	-
<i>Hyphal Fragment</i>	10*	80	-	-
<i>Insect Fragment</i>	-	-	-	40
<i>Pollen</i>	-	-	-	-
Total Fungi	2,130	410	1,120	140

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

++Includes other spores with similar morphology.

Table 3: Middleton Valley Elementary School - Measurements of Mold-in-Air Samples continued

December 05, 2019 (7:30 AM-9:30 AM)

Spore Types	Classroom 15	Classroom 22	Main Office	Cafeteria	Field Blank
<i>Alternaria (Ulocladium)</i>	10*	40	-	-	-
<i>Ascospores</i>	-	80	80	80	-
<i>Aspergillus/Penicillium</i>	-	40	-	40	-
<i>Basidiospores</i>	400	200	300	530	-
<i>Bipolaris++</i>	-	-	-	-	-
<i>Chaetomium</i>	-	-	-	-	-
<i>Cladosporium</i>	80	100	780	100	-
<i>Curvularia</i>	40	-	10*	40	-
<i>Epicoccum</i>	-	-	-	10*	-
<i>Fusarium</i>	-	-	-	-	-
<i>Ganoderma</i>	-	-	-	-	-
<i>Myxomycetes++</i>	80	100	80	100	-
<i>Pithomyces++</i>	-	-	-	40*	-
<i>Rust</i>	40	-	-	-	-
<i>Scopulariopsis/Microascus</i>	-	-	-	-	-
<i>Stachybotrys/Memmoniella</i>	-	-	-	-	-
<i>Unidentifiable Spores</i>	-	-	-	-	-
<i>Zygomycetes</i>	-	-	-	-	-
<i>Nigrospora</i>	-	10*	-	-	-
<i>Hyphal Fragment</i>	10*	200	200	10*	-
<i>Insect Fragment</i>	30	-	40	-	-
<i>Pollen</i>	-	-	-	-	-
Total Fungi	650	570	1,250	940	No Trace

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

++Includes other spores with similar morphology.

Findings and Conclusions

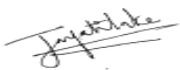
The comfort parameters (i.e., temperature, RH, CO₂, and CO levels) in the representative areas conform to ASHRAE and/or NAAQS guidelines. On December 5, 2019, total mold counts in representative area samples (spore count/m³ of air) in all the areas inspected were lower than the outdoor concentrations, indicating no amplified mold growth.

Recommendations

Based on the observations, mold spore results, and the results of the indoor air quality parameters tested, no recommendations are warranted 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.

10768 Baltimore Avenue Beltsville, MD 20705

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

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

EMSL Order: 191914815

Customer ID: SALU50

Customer PO:

Project ID:

Attn: Indika Jayatilake
SaLUT
1818 New York Avenue, NE
Suite 231
Washington, DC 20002
Project: 19-172 / MIDDLETON VALLEY ES

Phone: (301) 595-3783
Fax: (301) 595-3787
Collected: 12/05/2019
Received: 12/05/2019
Analyzed: 12/05/2019 - 12/06/2019

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	191914815-0001 19-172-12519-01 75 OUTSIDE SCHOOL ENTRANCE			191914815-0002 19-172-12519-02 75 INSIDE RM 4 CLASS			191914815-0003 19-172-12519-03 75 HALLWAY IN FRONT RM 1		
	Raw Count	Count/m ³	% of Total	Raw Count	Count/m ³	% of Total	Raw Count	Count/m ³	% of Total
Alternaria (Ulocladium)	-	-	-	-	-	-	-	-	-
Ascospores	2	80	3.8	1	40	3.6	-	-	-
Aspergillus/Penicillium	5	200	9.4	2	80	7.1	-	-	-
Basidiospores	44	1800	84.5	22	900	80.4	4	200	48.8
Bipolaris++	-	-	-	-	-	-	-	-	-
Chaetomium	-	-	-	-	-	-	-	-	-
Cladosporium	1	40	1.9	3	100	8.9	-	-	-
Curvularia	-	-	-	-	-	-	1*	10*	2.4
Epicoccum	-	-	-	-	-	-	-	-	-
Fusarium	-	-	-	-	-	-	-	-	-
Ganoderma	-	-	-	-	-	-	-	-	-
Myxomycetes++	1*	10*	0.5	-	-	-	4	200	48.8
Pithomyces++	-	-	-	-	-	-	-	-	-
Rust	-	-	-	-	-	-	-	-	-
Scopulariopsis/Microascus	-	-	-	-	-	-	-	-	-
Stachybotrys/Memnoniella	-	-	-	-	-	-	-	-	-
Unidentifiable Spores	-	-	-	-	-	-	-	-	-
Zygomycetes	-	-	-	-	-	-	-	-	-
Nigrospora	-	-	-	-	-	-	-	-	-
Total Fungi	53	2130	100	28	1120	100	9	410	100
Hyphal Fragment	1*	10*	-	-	-	-	2	80	-
Insect Fragment	-	-	-	-	-	-	-	-	-
Pollen	-	-	-	-	-	-	-	-	-
Analyt. Sensitivity 600x	-	41	-	-	41	-	-	41	-
Analyt. Sensitivity 300x	-	13*	-	-	13*	-	-	13*	-
Skin Fragments (1-4)	-	1	-	-	1	-	-	2	-
Fibrous Particulate (1-4)	-	1	-	-	1	-	-	1	-
Background (1-5)	-	1	-	-	1	-	-	2	-

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

Stefanie Schneider, Microbiology Laboratory Manager
or other approved signatory

Samples received in good condition unless otherwise noted. 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. The report reflects the samples as received. When the information supplied by the customer can affect the validity of the result, it will be noted on the report.

Samples analyzed by EMSL Analytical, Inc. Beltsville, MD AIHA-LAP, LLC --EMLAP Accredited #102891

Initial report from: 12/06/2019 13:51:22

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



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10768 Baltimore Avenue Beltsville, MD 20705

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Collected: 12/05/2019

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Analyzed: 12/05/2019 - 12/06/2019

Project: 19-172 / MIDDLETON VALLEY ES

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

Lab Sample Number:	191914815-0004			191914815-0005			191914815-0006		
Client Sample ID:	19-172-12519-04			19-172-12519-05			19-172-12519-06		
Volume (L):	75			75			75		
Sample Location	INSIDE RM 10 CLASS			INSIDE RM 15 CLASS			INSIDE RM 22 CLASS		
Spore Types	Raw Count	Count/m ³	% of Total	Raw Count	Count/m ³	% of Total	Raw Count	Count/m ³	% of Total
Alternaria (Ulocladium)	-	-	-	1*	10*	1.5	1	40	7
Ascospores	-	-	-	-	-	-	2	80	14
Aspergillus/Penicillium	-	-	-	-	-	-	1	40	7
Basidiospores	1	40	28.6	9	400	61.5	4	200	35.1
Bipolaris++	-	-	-	-	-	-	-	-	-
Chaetomium	-	-	-	-	-	-	-	-	-
Cladosporium	3	100	71.4	2	80	12.3	3	100	17.5
Curvularia	-	-	-	1	40	6.2	-	-	-
Epicoccum	-	-	-	-	-	-	-	-	-
Fusarium	-	-	-	-	-	-	-	-	-
Ganoderma	-	-	-	-	-	-	-	-	-
Myxomycetes++	-	-	-	2	80	12.3	3	100	17.5
Pithomyces++	-	-	-	-	-	-	-	-	-
Rust	-	-	-	1	40	6.2	-	-	-
Scopulariopsis/Microascus	-	-	-	-	-	-	-	-	-
Stachybotrys/Memnoniella	-	-	-	-	-	-	-	-	-
Unidentifiable Spores	-	-	-	-	-	-	-	-	-
Zygomycetes	-	-	-	-	-	-	-	-	-
Nigrospora	-	-	-	-	-	-	1*	10*	1.8
Total Fungi	4	140	100	16	650	100	15	570	100
Hyphal Fragment	-	-	-	1*	10*	-	4	200	-
Insect Fragment	1	40	-	2*	30*	-	-	-	-
Pollen	-	-	-	-	-	-	-	-	-
Analyt. Sensitivity 600x	-	41	-	-	41	-	-	41	-
Analyt. Sensitivity 300x	-	13*	-	-	13*	-	-	13*	-
Skin Fragments (1-4)	-	4	-	-	4	-	-	3	-
Fibrous Particulate (1-4)	-	1	-	-	1	-	-	1	-
Background (1-5)	-	2	-	-	3	-	-	3	-

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

Stefanie Schneider, Microbiology Laboratory Manager
or other approved signatory

Samples received in good condition unless otherwise noted. 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. The report reflects the samples as received. When the information supplied by the customer can affect the validity of the result, it will be noted on the report.

Samples analyzed by EMSL Analytical, Inc. Beltsville, MD AIHA-LAP, LLC --EMLAP Accredited #102891

Initial report from: 12/06/2019 13:51:22

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10768 Baltimore Avenue Beltsville, MD 20705

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Analyzed: 12/05/2019 - 12/06/2019

Project: 19-172 / MIDDLETON VALLEY ES

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

Lab Sample Number:	191914815-0007			191914815-0008			191914815-0009		
Client Sample ID:	19-172-12519-07			19-172-12519-08			27481851		
Volume (L):	75			75					
Sample Location:	INSIDE MAIN OFFICE			INSIDE CAFETERIA			Field Blank		
Spore Types	Raw Count	Count/m ³	% of Total	Raw Count	Count/m ³	% of Total	Raw Count	Count/m ³	% of Total
Alternaria (Ulocladium)	-	-	-	-	-	-	-	-	-
Ascospores	2	80	6.4	2	80	8.5	-	-	-
Aspergillus/Penicillium	-	-	-	1	40	4.3	-	-	-
Basidiospores	8	300	24	13	530	56.4	-	-	-
Bipolaris++	-	-	-	-	-	-	-	-	-
Chaetomium	-	-	-	-	-	-	-	-	-
Cladosporium	19	780	62.4	3	100	10.6	-	-	-
Curvularia	1*	10*	0.8	1	40	4.3	-	-	-
Epicoccum	-	-	-	1*	10*	1.1	-	-	-
Fusarium	-	-	-	-	-	-	-	-	-
Ganoderma	-	-	-	-	-	-	-	-	-
Myxomycetes++	2	80	6.4	3	100	10.6	-	-	-
Pithomyces++	-	-	-	3*	40*	4.3	-	-	-
Rust	-	-	-	-	-	-	-	-	-
Scopulariopsis/Microascus	-	-	-	-	-	-	-	-	-
Stachybotrys/Memnoniella	-	-	-	-	-	-	-	-	-
Unidentifiable Spores	-	-	-	-	-	-	-	-	-
Zygomycetes	-	-	-	-	-	-	-	-	-
Nigrospora	-	-	-	-	-	-	-	-	-
Total Fungi	32	1250	100	27	940	100	No Trace		
Hyphal Fragment	5	200	-	1*	10*	-	-	-	-
Insect Fragment	1	40	-	-	-	-	-	-	-
Pollen	-	-	-	-	-	-	-	-	-
Analyt. Sensitivity 600x	-	41	-	-	41	-	-	0	-
Analyt. Sensitivity 300x	-	13*	-	-	13*	-	-	0*	-
Skin Fragments (1-4)	-	4	-	-	4	-	-	-	-
Fibrous Particulate (1-4)	-	1	-	-	1	-	-	-	-
Background (1-5)	-	3	-	-	3	-	-	-	-

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

Stefanie Schneider, Microbiology Laboratory Manager
or other approved signatory

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Initial report from: 12/06/2019 13:51:22

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EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

Microbiology Chain of Custody

EMSL Order Number (Lab Use Only):

191914815

EMSL ANALYTICAL, INC.
10768 BALTIMORE AVE
BELTSVILLE, MD 20705
PHONE: (301)937-5700
FAX: (301)937-5701

Company: <i>Salut Inc.</i>		EMSL-Bill to: <input type="checkbox"/> Same <input type="checkbox"/> Different If Bill to is Different note instructions in Comments**	
Street: <i>1818 New York Ave, NE #231</i>		Third Party Billing requires written authorization from third party	
City: <i>Washington</i>	State/Province: <i>DC</i>	Zip/Postal Code: <i>20002</i>	Country: <i>USA</i>
Report To (Name): <i>Indika Jayatilake</i>		Telephone #:	
Email Address: <i>ijayatilake@salutinc.com</i>		Fax #:	Purchase Order:
Project Name/Number: <i>19-172 - Middleton valley ES</i>		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email	
U.S. State Samples Taken: <i>Maryland</i>		Connecticut Samples: <input type="checkbox"/> Commercial <input type="checkbox"/> Residential	

Turnaround Time (TAT) Options* - Please Check

3 Hour 6 Hour 24 Hour 48 Hour 72 Hour 96 Hour 1 Week 2 Week

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

Non Culturable Air Samples (Spore Traps) - Test Codes

- M001 Air-O-Cell
- M049 BioSIS
- M030 Micro 5
- M173 Allegro M2
- M003 Burkard
- M174 MoldSnap
- M004 Allergenco
- M043 Cyclex
- M176 Relle Smart
- M032 Allergenco-D
- M002 Cyclex-d
- M130 Via-Cell
- M172 Versa Trap

Other Microbiology Test Codes

- M041 Fungal Direct Examination
- M005 Viable Fungi ID and Count
- M006 Viable Fungi ID and Count (Speciation)
- M007 Culturable Fungi
- M008 Culturable Fungi (Speciation)
- M009 Gram Stain Culturable Bacteria
- M010 Bacterial Count and ID - 3 Most Prominent
- M011 Bacterial Count and ID - 5 Most Prominent
- M013 Sewage Contamination in Buildings
- M014 Endotoxin Analysis
- M015 Heterotrophic Plate Count
- M180 Real Time Q-PCR-ERM1 36 Panel
- M018 Total Coliform (Membrane Filtration)
- M020 Fecal Streptococcus (Membrane Filtration)
- M210-215 Legionella Detection
- M026 Recreational Water Screen
- M027 Mycotoxin Analysis
- M029 Enterococci
- M019 Fecal Coliform
- M133 MRSA Analysis
- M028 Cryptococcus neoformans Detection
- M120 Histoplasma capsulatum Detection
- M033-39 Allergen Testing
- M044 Group Allergen (Cat, Dog, Cockroach, Dustmites)
- Other See Analytical Price Guide

Preservation Method (Water):

Name of Sampler: *Kenny Long* Signature of Sampler: *Kenneth Long*

Sample #	Sample Location	Sample Type	Test Code	Volume/Area	Date/Time Collected
Example: A1	Kitchen	Air	M001	75L	11/12 4:00 PM
19-172-12519-01	<i>Outside School Entrance</i>	"	"	"	<i>12-5-19 0710</i>
19-172-12519-02	<i>inside Rm 4 class</i>	"	"	"	<i>" 0745</i>
19-172-12519-03	<i>Hallway in front Rm 1</i>	"	"	"	<i>" 0755</i>
19-172-12519-04	<i>inside Rm 10 class</i>	"	"	"	<i>" 0805</i>
19-172-12519-05	<i>inside Rm 15 class</i>	"	"	"	<i>" 0813</i>
19-172-12519-06	<i>inside Rm 22 class</i>	"	"	"	<i>" 0820</i>
19-172-12519-07	<i>inside Main Office</i>	"	"	"	<i>" 0835</i>
19-172-12519-08	<i>inside Cafeteria</i>	"	"	"	<i>" 0835</i>

Client Sample # (s): *-* Total # of Samples: *8*

Relinquished (Client): Date: *12-5-19* Time:

Received (Client): *Chafford WI* Date: Time:

Comments: