



July 23, 2021

Mr. Ji Li  
US Longton Inc.  
12803 Schabarum Avenue  
Irwindale, California 91706  
323.337.2017 (c)

via e-mail only  
[hector.uslongton@gmail.com](mailto:hector.uslongton@gmail.com)

Subject: Limited Additional Microbial Inspection of the Sunshine Garden Housing Complex  
Located at 1773 San Luis Avenue in Watsonville, California.  
M<sup>3</sup> Project Number: 19314.0 Task 3

Dear Mr. Li:

At your request, M<sup>3</sup> Environmental Consulting (M<sup>3</sup>) conducted a limited additional microbial inspection and assessment services of the construction site (Sunshine Garden Housing Complex) located at 1773 San Luis Avenue in Watsonville, California.

This report presents the results of visual inspections and surface sampling for total mold spore concentrations conducted on July 13, 2021, by Mr. Chris Gatward, Council-certified Microbial Consultant (CMC), and Principal of M<sup>3</sup>.

#### Observations

M<sup>3</sup> made the following observations:

On the day of the investigation the weather was overcast. It had not rained for several months.

The site consisted of eight residential buildings divided into 26 units. The buildings were partially constructed and in similar deteriorated and weathered condition. It is to M<sup>3</sup>'s understanding that construction was halted by the City of Watsonville due to code violations approximately three years earlier. The buildings had been impacted by water intrusion during storms as many did not have roofs or windows. Mold remediation was conducted in 2019 and the buildings were cleaned for re-construction. However, the City of Watsonville did not approve further construction and the site was largely left vacant since the completion of the remediation.

All buildings had exposed oriented strand board (OSB) siding, and some had exposed or partially covered OSB roofing. Most buildings did not have windows. All buildings were in similar condition as it related to weather exposure and potential mold damage.

Prior to M<sup>3</sup>'s arrival on site a representative from US Longton had sprayed a section of weathered and stained exterior OSB on the front of 409 San Luis with "Fiberlock Instant Mold Stain Remover".

Mr. Gatward also lightly sprayed a section of OSB with the Fiberlock product on the back OSB on building 413 San Luis prior to sampling.

#### Sampling

Not all building/rooms were inspected or sampled. The inspection was limited in scope and was designed to give an overview of current conditions of the buildings, primarily the exteriors, as it pertains to mold growth, and also the efficacy of the Fiberlock product.

### ***Mold Surface Sampling***

M<sup>3</sup> collected 12 surface samples to be analyzed for mold growth and density. Samples were collected from a OSB and DensGlass® surfaces from the interiors and exteriors of the buildings. The samples were collected on Bio-Tape and EMSL tape lift slides. Results are reported as relative density of mold (from <1+ to 4+).

The samples were submitted to EMLab P&K in South San Francisco, California for analysis.

### Results

### ***Mold Surface Sampling***

The building surfaces sampled were noted to be in the same visible condition; weathered and discolored with no obvious mold growth. The same type of mold was noted on all samples except for the sample collected from the Fiberlock sprayed surface as follows:

<b>Sample</b>	<b>Building</b>	<b>Location</b>	<b>Mold growth and density</b>
S-1	409 San Luis	Front exterior - OSB (Sprayed with Fiberlock)	None
S-2	409 San Luis	Front exterior – OSB (adjacent to sample S-1)	3+ <i>Cladosporium</i> species
S-3	413 San Luis	Rear exterior – OSB (lightly sprayed with Fiberlock)	2+ <i>Cladosporium</i> species
S-4	413 San Luis	Rear exterior - OSB	3+ <i>Cladosporium</i> species
S-5	421 San Luis	Front exterior - OSB	2+ <i>Cladosporium</i> species
S-6	102 Rose	Side exterior - OSB	4+ <i>Cladosporium</i> species
S-7	102 Rose	Entry interior – DensGlass® (stained)	2+ <i>Cladosporium</i> species
S-8	118 Rose	Entry interior - OSB	3+ <i>Cladosporium</i> species
S-9	130 Rose	Back exterior - OSB	4+ <i>Cladosporium</i> species
S-10	130 Rose	Garage interior - OSB	4+ <i>Cladosporium</i> species
S-11	134 Rose	Back exterior - OSB	4+ <i>Cladosporium</i> species
S-12	121 Lily	2 <sup>nd</sup> floor interior - OSB	4+ <i>Cladosporium</i> species

Laboratory results are presented in Appendix A. Photographs are presented in Appendix B.

### Conclusions

Analytical results of the surface sampling conducted during this evaluation, as well as visual inspection does suggest there to be a fungal reservoir or amplification (growth) site present throughout the buildings on the weathered/stained surfaces. The following recommendations apply.

It appeared that the application of the “Fiberlock Instant Mold Stain Remover” was effective in destroying the mold growth if allowed to dwell on the surface.

## Recommendations

- Any extensively water damaged construction materials such as extensively weathered OSB flooring should be replaced.
- All mold impacted/stained/discolored OSB sheathing/flooring and framing members including studs, beams and engineered joints (TJIs) and structural supports and DensGlass® should be cleaned by methods such as by the application of Fiberlock Instant Mold Stain Remover (or similar), dry-ice blasting or scrubbing/sanding. Specifically, this includes all exterior siding and other exterior wood materials on all buildings, as well as many select locations throughout the interior of the units where water intrusion has caused visible mold growth/staining and discoloration.
- Restoration must be completed to a clean wood surface.
- All wood framing/OSB sheathing must be dried to <16% moisture content prior to applying any finishes.
- Construction defects must be repaired and approved by building inspectors.
- Following completion of remediation activities, a visual inspection and/or surface sampling should be performed by M<sup>3</sup> or another qualified third-party microbial consulting professional to determined remediation effectiveness.

## Limitations

M<sup>3</sup> provided these services consistent with the level and skill ordinarily exercised by members of the profession currently practicing under similar conditions. This report is intended for the sole use of US Longton and their partners. The scope of services performed in execution of this evaluation may not be appropriate to satisfy the needs of other users, and use or re-use of this document, the findings, conclusions, or recommendations is at the risk of said user. The intent of the report is to aid the building owner, architect, construction manager, general contractors, and potential demolition and abatement contractors in locating fungi growth (mold). This report is not intended to serve as a bidding document nor as a project specification document and actual site conditions and quantities should be field verified. Although a reasonable attempt has been made to identify suspect microbial contamination in the areas identified, the inspection techniques used are inherently limited in the sense that only full demolition procedures will reveal all building materials of a structure and therefore all areas of contamination.

Additionally, the passage of time may result in a change in the environmental characteristics at this site. This report does not warrant against future operations or conditions that could affect the recommendations made. The results, findings, conclusions, and recommendations expressed in this report are based only on conditions that were observed at the time of M<sup>3</sup>'s inspection of the site.

Thank you for the opportunity to perform these services for you. Please call our office at 831.649.4623 with any questions.

Sincerely,  
M<sup>3</sup> Environmental Consulting LLC



Chris G. Gatward, CMC  
Principal



Appendix A – Laboratory Results and Chain of Custody  
Appendix B – Photographs

***Appendix A***  
***Laboratory Results***  
***and***  
***Chain of Custody***



EMLab P&K



Report for:

**Mr. Chris Gatward**  
**M3 Environmental Consulting, LLC.**  
9821 Blue Larkspur Lane, Ste 100  
Monterey, CA 93940

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Regarding: Project: 19314.0 T-3; US Longton, Sunshine Gardens, Watsonville  
EML ID: 2683816

Approved by:

Dates of Analysis:

Direct microscopic exam (Qualitative): 07-15-2021

Technical Manager  
Murali Putty

Service SOPs: Direct microscopic exam (Qualitative) (EM-MY-S-1039)  
AIHA-LAP, LLC accredited service, Lab ID #102856

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All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank correction of results is not applied. The results relate only to the samples as received and tested.

Eurofins EMLab P&K ("the Company") shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

Eurofins EMLab P&K's LabServe® reporting system includes automated fail-safes to ensure that all AIHA-LAP, LLC quality requirements are met and notifications are added to reports when any quality steps remain pending.

Client: M3 Environmental Consulting, LLC.  
 C/O: Mr. Chris Gatward  
 Re: 19314.0 T-3; US Longton, Sunshine Gardens,  
 Watsonville

Date of Sampling: 07-13-2021  
 Date of Receipt: 07-14-2021  
 Date of Report: 07-15-2021

**DIRECT MICROSCOPIC EXAMINATION REPORT**

Location:	S-1: 409 San Luis-front-OSB- exterior sprayed	S-2: 409 San Luis-front-OSB- exterior	S-3: 413 San Luis-back-OSB- exterior sprayed
Sample type:	Tape sample	Tape sample	Tape sample
Lab ID-Version‡:	12829668-1	12829669-1	12829670-1
Analysis Date:	07/15/2021	07/15/2021	07/15/2021
<b>MOLD/FUNGAL GROWTH*:</b> Molds seen growing with underlying mycelial and/or sporulating structures			
Acremonium			
Alternaria			
Aureobasidium			
Basidiospores			
Chaetomium			
Cladosporium		3+	2+
Colorless spores typical of Penicillium / Aspergillus			
Fusarium			
Other colorless, ID unknown			
Stachybotrys			
Torula			
Ulocladium			
Miscellaneous spores**	Very few	Very few	Very few
Other comments†	None	None	None
Background debris or Description††	Moderate	Moderate	Moderate
General impression	Normal trapping	Mold growth	Mold growth

\* See Mold/Fungal Growth Details table on the last page.

\*\* See Miscellaneous Spores table on the last page.

† Some comments may refer to the following: Most surfaces collect a mix of spores which are normally present in the outdoor environment. At times it is possible to note a skewing of the distribution of spore types, and also to note "marker" genera which may indicate indoor mold growth. Marker genera are those spore types which are present normally in very small numbers, but which multiply indoors when conditions are favorable for growth.

†† Background debris is an indication of the amounts of non biological particulate matter present. This background amorphous material is graded and described as scant, light, moderate, heavy, or very heavy. (Very heavy background debris may obscure visibility.)

Fungal types listed without a growth rating or data entry were not detected during the course of the analysis for the respective sample.

Interpretation is left to the company and/or persons who conducted the field work.

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

The limit of detection is < 1+ when mold growth is detected.

Client: M3 Environmental Consulting, LLC.  
 C/O: Mr. Chris Gatward  
 Re: 19314.0 T-3; US Longton, Sunshine Gardens,  
 Watsonville

Date of Sampling: 07-13-2021  
 Date of Receipt: 07-14-2021  
 Date of Report: 07-15-2021

**DIRECT MICROSCOPIC EXAMINATION REPORT**

Location:	S-4: 413 San Luis-back-OSB- exterior	S-5: 421 San Luis-front-OSB- ext	S-6: 102 RoseLane-side-OSB- exterior
Sample type:	Tape sample	Tape sample	Tape sample
Lab ID-Version‡:	12829671-1	12829672-1	12829673-1
Analysis Date:	07/15/2021	07/15/2021	07/15/2021
<b>MOLD/FUNGAL GROWTH*:</b> Molds seen growing with underlying mycelial and/or sporulating structures			
Acremonium			
Alternaria			
Aureobasidium			
Basidiospores			
Chaetomium			
Cladosporium	3+	2+	4+
Colorless spores typical of Penicillium / Aspergillus			
Fusarium			
Other colorless, ID unknown			
Stachybotrys			
Torula			
Ulocladium			
Miscellaneous spores**	Very few	Very few	Very few
Other comments†	None	None	None
Background debris or Description††	Moderate	Moderate	Moderate
General impression	Mold growth	Mold growth	Mold growth

\* See Mold/Fungal Growth Details table on the last page.

\*\* See Miscellaneous Spores table on the last page.

† Some comments may refer to the following: Most surfaces collect a mix of spores which are normally present in the outdoor environment. At times it is possible to note a skewing of the distribution of spore types, and also to note "marker" genera which may indicate indoor mold growth. Marker genera are those spore types which are present normally in very small numbers, but which multiply indoors when conditions are favorable for growth.

†† Background debris is an indication of the amounts of non biological particulate matter present. This background amorphous material is graded and described as scant, light, moderate, heavy, or very heavy. (Very heavy background debris may obscure visibility.)

Fungal types listed without a growth rating or data entry were not detected during the course of the analysis for the respective sample.

Interpretation is left to the company and/or persons who conducted the field work.

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The limit of detection is < 1+ when mold growth is detected.

Client: M3 Environmental Consulting, LLC.  
 C/O: Mr. Chris Gatward  
 Re: 19314.0 T-3; US Longton, Sunshine Gardens,  
 Watsonville

Date of Sampling: 07-13-2021  
 Date of Receipt: 07-14-2021  
 Date of Report: 07-15-2021

**DIRECT MICROSCOPIC EXAMINATION REPORT**

Location:	S-7: 102 Rose Lane-entry-dens glass stain	S-8: 118 Rose Lane-entry-OSB- interior	S-9: 130 Rose Lane-back-OSB- exterior
Sample type:	Tape sample	Tape sample	Tape sample
Lab ID-Version‡:	12829674-1	12829675-1	12829676-1
Analysis Date:	07/15/2021	07/15/2021	07/15/2021
<b>MOLD/FUNGAL GROWTH*:</b> Molds seen growing with underlying mycelial and/or sporulating structures			
Acremonium			
Alternaria			
Aureobasidium			
Basidiospores			
Chaetomium			
Cladosporium	2+	3+	4+
Colorless spores typical of Penicillium / Aspergillus			
Fusarium			
Other colorless, ID unknown			
Stachybotrys			
Torula			
Ulocladium			
Miscellaneous spores**	Very few	Very few	Very few
Other comments†	None	None	None
Background debris or Description††	Moderate	Moderate	Moderate
General impression	Mold growth	Mold growth	Mold growth

\* See Mold/Fungal Growth Details table on the last page.

\*\* See Miscellaneous Spores table on the last page.

† Some comments may refer to the following: Most surfaces collect a mix of spores which are normally present in the outdoor environment. At times it is possible to note a skewing of the distribution of spore types, and also to note "marker" genera which may indicate indoor mold growth. Marker genera are those spore types which are present normally in very small numbers, but which multiply indoors when conditions are favorable for growth.

†† Background debris is an indication of the amounts of non biological particulate matter present. This background amorphous material is graded and described as scant, light, moderate, heavy, or very heavy. (Very heavy background debris may obscure visibility.)

Fungal types listed without a growth rating or data entry were not detected during the course of the analysis for the respective sample.

Interpretation is left to the company and/or persons who conducted the field work.

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

The limit of detection is < 1+ when mold growth is detected.

Client: M3 Environmental Consulting, LLC.  
 C/O: Mr. Chris Gatward  
 Re: 19314.0 T-3; US Longton, Sunshine Gardens,  
 Watsonville

Date of Sampling: 07-13-2021  
 Date of Receipt: 07-14-2021  
 Date of Report: 07-15-2021

**DIRECT MICROSCOPIC EXAMINATION REPORT**

Location:	S-10: 130 Rose Lane-garage- OSB-interior	S-11: 134 Rose Lane-back-OSB- exterior	S-12: 121 Lily Lane-2nd floor- OSB-interior
Sample type:	Tape sample	Tape sample	Tape sample
Lab ID-Version‡:	12829677-1	12829678-1	12829679-1
Analysis Date:	07/15/2021	07/15/2021	07/15/2021
<b>MOLD/FUNGAL GROWTH*:</b> Molds seen growing with underlying mycelial and/or sporulating structures			
Acremonium			
Alternaria			
Aureobasidium			
Basidiospores			
Chaetomium			
Cladosporium	4+	4+	4+
Colorless spores typical of Penicillium / Aspergillus			
Fusarium			
Other colorless, ID unknown			
Stachybotrys			
Torula			
Ulocladium			
Miscellaneous spores**	Very few	Very few	Very few
Other comments†	None	None	None
Background debris or Description††	Moderate	Moderate	Moderate
General impression	Mold growth	Mold growth	Mold growth

\* See Mold/Fungal Growth Details table on the last page.

\*\* See Miscellaneous Spores table on the last page.

† Some comments may refer to the following: Most surfaces collect a mix of spores which are normally present in the outdoor environment. At times it is possible to note a skewing of the distribution of spore types, and also to note "marker" genera which may indicate indoor mold growth. Marker genera are those spore types which are present normally in very small numbers, but which multiply indoors when conditions are favorable for growth.

†† Background debris is an indication of the amounts of non biological particulate matter present. This background amorphous material is graded and described as scant, light, moderate, heavy, or very heavy. (Very heavy background debris may obscure visibility.)

Fungal types listed without a growth rating or data entry were not detected during the course of the analysis for the respective sample.

Interpretation is left to the company and/or persons who conducted the field work.

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

The limit of detection is < 1+ when mold growth is detected.

Client: M3 Environmental Consulting, LLC.  
 C/O: Mr. Chris Gatward  
 Re: 19314.0 T-3; US Longton, Sunshine Gardens,  
 Watsonville

Date of Sampling: 07-13-2021  
 Date of Receipt: 07-14-2021  
 Date of Report: 07-15-2021

**Mold/Fungal Growth Rating Details**

Growth Rating	Quantities of molds indicating growth are listed in the MOLD/FUNGAL GROWTH section. Judgement is used in determining the amount of growth present in the sample. For example, if only one portion of the sample has evidence of heavy growth, then it will receive a rating of heavy growth even though, strictly speaking, on a percentage basis of the entire sample, the amount of growth is low.	
	Swab/Tape/Dust/Wipe sample	Bulk Sample
< 1+ (Very Light Growth)	Evidence of very light growth observed on the sample as indicated by spores of one type seen with underlying mycelial and/or with their sporulating structures found in less than 10% of the microscopic fields examined.	Areas of very light growth detected by the presence of spores of one type seen with underlying mycelial and/or with their sporulating structures in the bulk sample.
1+ (Light Growth)	Evidence of light growth observed on the sample as indicated by spores of one type seen with underlying mycelial and/or with their sporulating structures found in 10 to 25% of the microscopic fields examined.	Areas of light growth detected by the presence of spores of one type seen with underlying mycelial and/or with their sporulating structures in the bulk sample.
2+ (Moderate Growth)	Evidence of moderate growth observed on the sample as indicated by spores of one type seen with underlying mycelial and/or with their sporulating structures found in 26 to 50% of the microscopic fields examined.	Areas of moderate growth detected by the presence of spores of one type seen with underlying mycelial and/or with their sporulating structures in the bulk sample.
3+ (Heavy Growth)	Evidence of heavy growth observed on the sample as indicated by spores of one type seen with underlying mycelial and/or with their sporulating structures found in 51 to 75% of the microscopic fields examined.	Areas of heavy growth detected by the presence of spores of one type seen with underlying mycelial and/or with their sporulating structures in the bulk sample.
4+ (Very Heavy Growth)	Evidence of very heavy growth observed on the sample as indicated by spores of one type seen with underlying mycelial and/or with their sporulating structures found to be nearly confluent in the majority of the microscopic fields examined.	Areas of very heavy growth detected by the presence of spores of one type seen with underlying mycelial and/or with their sporulating structures in the bulk sample.

**Miscellaneous Spores**

Slides/specimens are examined for the presence of mold spores and pollen, noting the quantities and distribution of spore types found. A designation of 'normal trapping' is made when a mix of spore types is present with the same general distribution as is usually found outdoors. In other words, the biological component of the sample surface is like that found everywhere. Types of spores present would include basidiospores (mushroom spores), myxomycetes (slime molds), plant pathogens such as ascospores, rusts and smuts, and a mix of saprophytic genera with no particular spore type predominating. Many of these spore types would not be found growing indoors on building materials since many plant pathogens require living plants for growth, and mushrooms require compost, leaf duff of various types, or associations with roots of certain trees, etc. Due to these factors, when a mix of spores seen include these types as well as pollen, the rational source is the outside air, rather than indoor mold growth. The numbers of miscellaneous spores seen are graded and described as shown below as none, very few, few, variety, and wide variety.

None	Very Few	Few	Variety	Wide Variety
No spores detected	Very few spores detected	A few spores detected	Many spores containing a variety of different genera detected	Many spores containing a wide variety of different genera detected

Cherry Hill, NJ: 1936 Olney Avenue, Cherry Hill, NJ 08003 \* (866) 871-1984  
 Phoenix, AZ: 1501 West Knudsen Drive, Phoenix, AZ 85027 \* (800) 651-4802  
 San Bruno, CA: 1150 Bayhill Drive, #100, San Bruno, CA 94066 \* (866) 888-6653



WEATHER		Fog	Rain	Snow	Wind	Clear
LEVEL	None					
	Light					
	Moderate					
	Heavy					

REQUESTED SERVICES			
Non-Culturable		Culturable	
Spore Trap	Tape Swab Bulk	BioCassette™ Andersen, SAS, Swab, Water, Bulk, Dust, Soil, Contact Plate	Other Requests

**CONTACT INFORMATION**

Company: M<sup>3</sup> Environmental Consulting Address: 9821 Blue Lakesway Ln, #100 Monterey  
 Contact: Chris Gatward Special Instructions: e-mail chris@m3environmental.com  
 Phone: 831.649.4623

**PROJECT INFORMATION**

Project ID: 19314-0 T-3  
 Project Desc.: US Longton, Sunshine Gardens Watsonville  
 Project: Sampling  
 Zip Code: Date & Time: 7/13/21  
 PO Number:

**TURN AROUND TIME CODES - (TAT)**

STD - Standard (DEFAULT)  
 ND - Next Business Day  
 SD - Same Business Day Rush  
 WH - Weekend/Holiday

Rushes received after 2pm or on weekends, will be considered received the next business day. Please alert us in advance of weekend analysis needs.

Sample ID	Description	Sample Type (Below)	TAT (Above)	Total Volume/Area (as applicable)	NOTES (Time of day, Temp, RH, etc.)
S-1	409 San Luis - front	T	ND	1 cm <sup>2</sup>	OSB - exterior
S-2	" " " - front				OSB - sprayed
S-3	413 San Luis - Back				OSB - exterior
S-4	413 San Luis - Back				OSB - sprayed
S-5	421 San Luis - front				OSB - exterior
S-6	102 Rose Lane - side				OSB - exterior
S-7	102 Rose Lane - entry				OSB - exterior
S-8	118 Rose Lane - entry				Densglass stain
S-9	130 Rose Lane - back				OSB - interior
S-10	130 Rose Lane - garage				OSB - exterior
S-11	134 Ros Lane - back				OSB - interior
S-12	121 Lily Lane - 2 <sup>nd</sup> floor				OSB - exterior

Fungi - Spore Trap Analysis	Spore Trap Analysis - Other particles	Direct Microscopic Exam (Qualitative)	Quantitative Spore Count Direct Exam	1-Media Surface Fungi (Genus ID + Asp. spp.)	2-Media Surface Fungi (Genus ID + Asp. spp.)	3-Media Surface Fungi (Genus ID + Asp. spp.)	Culturable Air Fungi (Genus ID + Asp. spp.)	Gram Stain and Counts (Culturable Air and Surface Bacteria)	Legionella culture	Total Coliform, E.coli (Presence/Absence)	Membrane Filtration (Please specify organism)	MPN Bacteria (Please specify organism)	Quantitray - Sewage Screen	Asbestos Analysis - PCM Airborne Fiber Count (NIOSH 7400)	Asbestos Analysis - PLM (EPA method 600/R-93-116)	PCR (please specify test)
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**SAMPLE TYPE CODES**

BC - BioCassette™	ST - Spore Trap: Zefon, Allergenco, Burkard...	T - Tape	D - Dust
A1S - Andersen		SW - Swab	SO - Soil
SAS - Surface Air Sampler	P - Potable Water	B - Bulk	
CP - Contact Plate	NP - Non-Potable Water	O - Other	

**RELINQUISHED BY**  
  
**DATE & TIME**  
7/13/21

**RECEIVED BY**  
  
**DATE & TIME**  
7/14/21 9:00

By submitting this Chain of Custody, you agree to be bound by the terms and conditions set forth at <http://www.emlab.com/s/main/serviceterms.html>  
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***Appendix B***  
***Photographs***



**Typical building weathered condition**



**Fiberlock Instant Mold Stain Remover**



**409 San Luis - Section of OSB sprayed with Fiberlock Instant Mold Stain Remover prior to sampling (location of sample S-1).**



**409 San Luis – sampling sprayed area (sample S-1)**



413 San Luis - Section of OSB lightly sprayed with Fiberlock Instant Mold Stain Remover prior to sampling (location of sample S-3).



409 San Luis – sampling non - sprayed area (sample S-2)



**102 Rose Lane – Sampling stained DensGlass® (Sample S-7)**



**118 Rose Lane – stained OSB in entry (Location of sample S-8)**



121 Lily Lane, 2<sup>nd</sup> floor – stained OSB (Location of sample S-12)



134 Rose Lane – stained Vera-Lam® floor joists



ENVIRONMENTAL  
CONSULTING LLC

June 25, 2019

Mr. Ji Li  
US Longton Inc.  
12803 Schabarum Avenue  
Irwindale, California 91706  
323.337.2017 (c)

via e-mail only  
[hector.uslongton@gmail.com](mailto:hector.uslongton@gmail.com)

Subject: Initial Microbial Inspection of the Sunshine Garden Housing Complex Located at 1773 San Luis Avenue in Watsonville, California.  
M<sup>3</sup> Project Number: 19314.0 Task 1

Dear Mr. Li:

At your request, M<sup>3</sup> Environmental Consulting (M<sup>3</sup>) conducted an initial microbial inspection and assessment of the new construction site (Sunshine Garden Housing Complex) located at 1773 San Luis Avenue in Watsonville, California.

This report presents the results of visual inspections, moisture mapping, air and surface sampling for total mold spore concentrations conducted on from June 3 to 6, 2019 by Mr. Chris Gatward, Council-certified Microbial Consultant (CMC), and Principal of M<sup>3</sup> and Mr. Alex Superko, Environmental Technician.

### Observations

On the days of the investigation the weather was sunny. It had not rained for several weeks. The outdoor temperature was 62-71 degrees Fahrenheit (°F) with a relative humidity of 50-67% as measured with a Fluke® 971 Temperature Humidity Meter.

The site consisted of eight residential buildings divided into 26 units. The buildings were currently under construction and all were in similar condition. It is to M<sup>3</sup>'s understanding that construction was halted by the City of Watsonville due to code violations approximately 18 months earlier. The buildings have been impacted by water intrusion during recent storms as many did not have roofs or windows. Construction supplies were stored both in buildings and outside of buildings exposed to the elements. Most exposed OSB flooring had an elevated moisture content. Please note that building designations do not reflect lot numbers or onsite notation.

M<sup>3</sup> made the following observations:

#### *Building 1 - 437 & 441 San Luis Avenue*

The structure was a three story, wood framed duplex on a concrete slab foundation. The exterior was oriented strand board (OSB) with a roof covered with a roofing membrane only. There were no windows. Suspect mold growth/discoloration and water staining was noted on many surfaces throughout the building. Wallboard (WB) was noted on the party wall and had a moisture content of 0.6 – 0.7 %. Normal MC for wallboard is 0.4%. Mold growth was noted on stockpiled WB and lumber. Bird feces were noted on the third floor.

#### *Building 2 - 429 & 433 San Luis Avenue*

The structure was a three story, wood framed duplex on a concrete slab foundation. The exterior was OSB with a roof and a roofing membrane only. There were no windows. Suspect mold growth/discoloration and water staining was noted on many surfaces throughout the building. WB and some batted insulation was noted along the party wall. Bird feces was noted in the third floor.

*Building 3 - 102, 106, 110, 114 Rose Lane*

The structure was a three story, wood framed quadplex on a concrete slab foundation. The exterior was OSB, there was no roof or windows. Suspect mold growth/discoloration and water staining was noted on many surfaces throughout the building. The walls were mostly open and incomplete. WB, OSB, and other construction supplies had been stored in the building and had been impacted by water intrusion.

*Building 4 - 118, 122, 126 Rose Lane*

The structure was a three story, wood framed triplex on a concrete slab foundation. The exterior was OSB with a roof and a roofing membrane only. There were no windows. Suspect mold growth/discoloration and water staining was noted on many surfaces throughout the building. WB/JC was noted at some party walls and appeared moldy. Bird feces were noted on the third floor.

*Building 5 - 130, 134, 138, 142 Rose Lane*

The structure was a three story, wood framed quadplex on a concrete slab foundation. There was no access to the third floor. The exterior was OSB, there was no roof or windows. Suspect mold growth/discoloration and water staining was noted on many surfaces throughout the building. There were companion walls between the units. Windows and pipes were stored on the first floor.

*Building 6 - 129, 133, 137, 141 Lily Lane.*

The structure was a three story, wood framed quadplex on a concrete slab foundation. The exterior was OSB with a roof and a roofing membrane only. There were no windows. Suspect mold growth/discoloration and water staining was noted on many surfaces throughout the building. Companion walls were present between the units. Some companion walls had WB/JC as well as batted insulation. Bird feces were noted on the third floor. Rebar, pipes, and lumber were stored in the building.

*Building 7 - 117, 121, 125 Lily Lane*

The structure was a three story, wood framed triplex on a concrete slab foundation. The exterior was OSB with a roof and a roofing membrane. There were no windows. Suspect mold growth/discoloration and water staining was noted on many surfaces throughout the building. Companion walls were present between the units. WB was noted on some companion walls. WB was stored in the building and had been impacted by weather.

*Building 8 - 101, 105, 109, 113 Lily Lane*

The structure was a two story, wood framed quadplex on a concrete slab foundation. The exterior was OSB, there was no roof or windows. Suspect mold growth/discoloration and water staining was noted on many surfaces throughout the building. The building was mostly bare framing. The third floor had not been fully constructed.

M<sup>3</sup> utilized a Tramex<sup>®</sup> Moisture Encounter Plus pad moisture meter and a Delmhorst<sup>®</sup> BD2100 pin moisture meter to map moisture levels throughout the buildings.

Sampling

***Non-Viable Mold Air Sampling***

A total of 46 bioaerosol air samples were collected to be analyzed for total (non-viable) mold spores using Zefon Air-O-Cell<sup>®</sup> microbial spore trap cassettes.

Samples were collected throughout the buildings as well as outdoors (ambient) for comparison.

Air was drawn through the cassettes at a flow rate of approximately 15 liters per minute (lpm) for five minutes using a Bio-Pump<sup>®</sup> with a flow rate measured with a calibrated rotameter. Results are reported in spores per cubic meter (spores/m<sup>3</sup>) of air.



### **Mold Surface Sampling**

M<sup>3</sup> collected 63 surface samples to be analyzed for mold growth and density. Samples were collected from a variety of surfaces throughout the interior and exteriors of the buildings such as OSB, framing, and WB/JC. The samples were collected on Bio-Tape Slides, sterile Venturi Transystem© Transport swabs, and bulk samples. Results are reported as relative density of mold (from <1+ to 4+).

The samples were submitted to EMLab P&K in South San Francisco, California for analysis.

### Results

#### **Non-Viable Mold Air Sampling**

Total non-viable spore concentrations found inside the buildings were similar to outdoor total non-viable spore concentrations, with dissimilar relative concentrations of mold species dominating many of the samples.

In a well-maintained building, indoor airborne fungal concentrations will be lower than outdoor concentrations and the type and relative concentrations of fungi will be similar, indicating that indoor fungal reservoirs and/or amplification (growth) sites are not present.

#### **Mold Surface Sampling**

Varying states and concentrations of mold growth were noted on most surfaces sampled throughout the buildings. A large variety of mold species were represented by the laboratory results as follows:

<b>Sample</b>	<b>Unit</b>	<b>Location</b>	<b>Mold growth and density</b>
441S-1	441 San Luis	Bottom of TJI in garage	None
441S-2		Stud in garage	4+ <i>Graphium</i> species
441S-3		OSB exterior	4+ <i>Cladosporium</i> species
441S-4		2 <sup>nd</sup> floor - balcony	None
441S-5		2 <sup>nd</sup> floor - stud by stairs	4+ <i>Graphium</i> species
441S-6		3 <sup>rd</sup> floor - wallboard	4+ <i>Stachybotrys</i> 1+ <i>Alternaria</i>
437S-1	437 San Luis	3 <sup>rd</sup> floor - wallboard	4+ <i>Cladosporium</i>
437S-2		2 <sup>nd</sup> floor OSB	4+ <i>Stachybotrys</i>
437S-3		Garage entry – OSB edge	4+ <i>Cladosporium</i>
433S-1	433 San Luis	Garage framing	3+ <i>Ceratocystis/Ophiostoma</i> 2+ <i>Cladosporium</i> 2+ <i>Graphium</i>
433S-2		OSB wall at stairs	None
433S-3		2 <sup>nd</sup> floor OSB floor	1+ <i>Alternaria</i>
433S-4		OSB edge at stairs	None



Sample	Unit	Location	Mold growth and density
433S-5		3 <sup>rd</sup> floor wallboard party wall	4+ <i>Cladosporium</i> 1+ <i>Alternaria</i>
429S-1	429 San Luis	Garage framing	4+ <i>Graphium</i>
429S-2		2 <sup>nd</sup> floor – OSB floor	4+ <i>Ulocladium</i>
429S-3		2 <sup>nd</sup> floor wallboard debris	None
429S-4		3 <sup>rd</sup> floor OSB floor	1+ <i>Penicillium/Aspergillus</i>
102R-1	102 Rose	OSB exterior	4+ <i>Cladosporium</i>
102R-2		Wallboard stack	4+ <i>Stachybotrys</i> 2+ <i>Acremonium</i> 2+ <i>Penicillium/Aspergillus</i>
102R-7		TJI end	4+ <i>Cladosporium</i>
110R-3	110 Rose	2 <sup>nd</sup> floor TJI	4+ <i>Cladosporium</i>
110R-6		Lumber pile	1+ <i>Ulocladium</i>
114R-4	114 Rose	2 <sup>nd</sup> floor OSB floor	1+ <i>Cladosporium</i>
114R-5		OSB edge - stairs	None
130R-1	130 Rose	1 <sup>st</sup> floor framing	4+ <i>Ceratocystis/Ophiostoma</i>
130R-2		1 <sup>st</sup> floor TJI	2+ <i>Cladosporium</i>
130R-3		OSB exterior	4+ <i>Cladosporium</i>
130R-4		1 <sup>st</sup> floor OSB wall by stair	1+ <i>Ulocladium</i>
130R-5		1 <sup>st</sup> floor OSB ceiling	1+ <i>Cladosporium</i>
139R-6	138 Rose	2 <sup>nd</sup> floor framing	1+ <i>Cladosporium</i>
139R-7		1 <sup>st</sup> floor wallboard stack	3+ <i>Cladosporium</i> 2+ <i>Penicillium/Aspergillus</i> 1+ <i>Ulocladium</i>
142R-8	142 Rose	2 <sup>nd</sup> floor OSB	4+ <i>Trichoderma</i>
142R-9		2 <sup>nd</sup> floor OSB wall	4+ <i>Aureobasidium</i>
118R-1	118 Rose	OSB exterior	4+ <i>Cladosporium</i>
118R-3		1 <sup>st</sup> floor TJI	4+ <i>Cladosporium</i>
118R-4		1 <sup>st</sup> floor framing	None
122R-2	122 Rose	1 <sup>st</sup> floor stored lumber	2+ Brown hyphae
122R-5		1 <sup>st</sup> floor framing	3+ <i>Graphium</i>
122R-6		3 <sup>rd</sup> floor wallboard	4+ <i>Cladosporium</i>
126R-7	126 Rose	Framing	4+ <i>Graphium</i>



Sample	Unit	Location	Mold growth and density
126R-8		OSB wall by stairs	4+ <i>Ulocladium</i> 1+ <i>Graphium</i>
113L-1	113 Lily	1 <sup>st</sup> floor TJI	3+ <i>Cladosporium</i>
113L-2		2 <sup>nd</sup> floor OSB edge	2+ <i>Cladosporium</i>
109L-3	109 Lily	OSB stairs	2+ <i>Ulocladium</i> 1+ <i>Cladosporium</i>
105L-4	105 Lily	1 <sup>st</sup> floor stained TJI	1+ <i>Cladosporium</i>
101L-5	101 Lily	2 <sup>nd</sup> floor TJI	3+ <i>Cladosporium</i> 1+ <i>Ulocladium</i>
101L-6		Exterior OSB	3+ <i>Cladosporium</i>
125L-1	125 Lily	1 <sup>st</sup> floor framing	3+ <i>Cladosporium</i> 1+ <i>Alternaria</i>
125L-2		Exterior OSB	4+ <i>Cladosporium</i>
121L-3	121 Lily	2 <sup>nd</sup> floor wallboard	2+ <i>Cladosporium</i> 1+ <i>Alternaria</i>
121L-4		2 <sup>nd</sup> floor OSB	2+ <i>Ulocladium</i> 1+ <i>Penicillium/Aspergillus</i>
121L-5		1 <sup>st</sup> floor TJI	4+ <i>Cladosporium</i>
117L-6	117 Lily	1 <sup>st</sup> floor framing	1+ <i>Penicillium/Aspergillus</i>
117L-7		3 <sup>rd</sup> floor wallboard stack	2+ <i>Cladosporium</i> 1+ <i>Penicillium/Aspergillus</i>
141L-1	141 Lily	2 <sup>nd</sup> floor TJI	3+ <i>Cladosporium</i> 1+ <i>Alternaria</i>
141L-2		1 <sup>st</sup> floor TJI	4+ <i>Cladosporium</i>
141L-3		3 <sup>rd</sup> floor framing	2+ <i>Cladosporium</i>
137L-4	137 Lily	2 <sup>nd</sup> floor OSB by stair	1+ <i>Cladosporium</i> 1+ <i>Penicillium/Aspergillus</i>
137L-5		3 <sup>rd</sup> floor wallboard	2+ <i>Cladosporium</i>
129L-6	129 Lily	1 <sup>st</sup> floor framing	1+ <i>Graphium</i>
129L-7		3 <sup>rd</sup> floor wallboard	3+ <i>Alternaria</i> 2+ <i>Cladosporium</i>
129L-8		Exterior OSB	4+ <i>Cladosporium</i>

Laboratory results are presented in Appendix A. Photographs are presented in Appendix B.

### Conclusions

Analytical results of the surface sampling conducted during this evaluation, as well as visual inspection does suggest there to be a fungal reservoir or amplification (growth) site present throughout the buildings. While some of the mold present was determined to be “lumber yard” type mold (such as *Ceratocystis/Ophiostoma* group) it is impossible to distinguish by visual inspection from the other mold types present and thus all visible mold/discoloration is considered a contaminant. While the air samples appeared relatively normal, the open nature of the partially constructed buildings provided enough air flow to dilute the effects of mold growth in the buildings. The following recommendations apply.



## Recommendations

- Most installed and/or stockpiled wallboard and batted insulation throughout the buildings should be removed. Wallboard that can be inspected on both sides and is observed to be mold and water damage free may remain. Any wallboard that is to remain must have a moisture content of 0.4 % or less.
- Any water damaged construction materials such as extensively weathered OSB flooring should be replaced.
- All mold impacted/stained/discolored OSB sheathing/flooring and framing members including studs, beams and engineered joints (TJIs) and structural supports should be cleaned by methods such as dry-ice blasting or scrubbing/sanding. Specifically, this includes all exterior siding and other exterior wood materials on all buildings, as well as many select locations throughout the interior of the units where water intrusion has caused visible mold growth/staining and discoloration.
- Restoration must be completed to a clean wood surface.
- All wood framing/OSB sheathing must be dried to <16% moisture content prior to applying any finishes.
- Stockpiled framing lumber, beams, TJIs, etc. must be cleaned as above or discarded.
- Construction defects must be repaired and approved by building inspectors.
- Improperly stored construction supplies should be inspected for quality control.
- All work should be performed by an experienced mold remediation contractor using appropriate engineering controls such polyethylene containments and high efficiency particulate air (HEPA) – filtered equipment.
- Prior to removing structural components (such as wall systems or shear panels) a structural engineer and architect should be consulted.
- Following completion of remediation activities, a visual inspection and/or air sampling/surface sampling should be performed by M<sup>3</sup> or another qualified third-party microbial consulting professional to determined remediation effectiveness.

## Limitations

M<sup>3</sup> provided these services consistent with the level and skill ordinarily exercised by members of the profession currently practicing under similar conditions. This report is intended for the sole use of US Longton and their partners. The scope of services performed in execution of this evaluation may not be appropriate to satisfy the needs of other users, and use or re-use of this document, the findings, conclusions, or recommendations is at the risk of said user. The intent of the report is to aid the building owner, architect, construction manager, general contractors, and potential demolition and abatement contractors in locating fungi growth (mold). This report is not intended to serve as a bidding document nor as a project specification document and actual site conditions and quantities should be field-verified. Although a reasonable attempt has been made to identify suspect microbial contamination in the areas identified, the inspection techniques used are inherently limited in the sense that only full demolition procedures will reveal all building materials of a structure and therefore all areas of contamination.

Additionally, the passage of time may result in a change in the environmental characteristics at this site. This report does not warrant against future operations or conditions that could affect the recommendations made. The results, findings, conclusions, and recommendations expressed in this report are based only on conditions that were observed at the time of M<sup>3</sup>'s inspection of the site.



Thank you for the opportunity to perform these services for you. Please call our office at 831.649.4623 with any questions.

Sincerely,  
M<sup>3</sup> Environmental Consulting LLC



Alex Superko  
Environmental Technician

Appendix A – Laboratory Results and Chain of Custody  
Appendix B – Photographs



Chris G. Gatward, CMC  
Principal



***Appendix A***  
***Laboratory Results***  
***and***  
***Chain of Custody***

Report for:

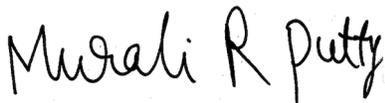
**Mr. Chris Gatward**  
**M3 Environmental Consulting, LLC.**  
9821 Blue Larkspur Lane, Ste 100  
Monterey, CA 93940

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Regarding: Project: 193140 T-1; US Longton-Watsonville  
EML ID: 2179164

Approved by:

Dates of Analysis:  
Spore trap analysis: 06-12-2019



Technical Manager  
Murali Putty

Service SOPs: Spore trap analysis (EM-MY-S-1038)  
AIHA-LAP, LLC accredited service, Lab ID #102856

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All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank correction of results is not applied. The results relate only to the samples as received. Sample air volume is supplied by the client.

EMLab P&K ("the Company") shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

EMLab P&K's LabServe® reporting system includes automated fail-safes to ensure that all AIHA-LAP, LLC quality requirements are met and notifications are added to reports when any quality steps remain pending.

Client: M3 Environmental Consulting, LLC.  
C/O: Mr. Chris Gatward  
Re: 193140 T-1; US Longton-Watsonville

Date of Sampling: 06-06-2019  
Date of Receipt: 06-10-2019  
Date of Report: 06-12-2019

**SPORE TRAP REPORT: NON-VIABLE METHODOLOGY**

Location:	28490019: Outdoors-road		28490026: Unit 4375-1st floor		28490016: Unit 4415-1st floor		28490083: Unit 4415-2nd floor	
Comments (see below)	None		None		None		None	
Lab ID-Version‡:	10347171-1		10347172-1		10347173-1		10347174-1	
Analysis Date:	06/12/2019		06/12/2019		06/12/2019		06/12/2019	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria	1	13	1	13				
Ascospores	2	110	3	160	1	53	4	210
Basidiospores	15	800	2	110	13	690	3	160
Bipolaris/Drechslera group								
Botrytis					1	13		
Chaetomium								
Cladosporium	23	1,200	4	210	6	320		
Epicoccum							3	40
Oidium								
Other brown								
Other colorless								
Penicillium/Aspergillus types†	1	53					1	53
Pithomyces								
Rusts	2	27					3	40
Smuts, Periconia, Myxomycetes								
Stachybotrys								
Stemphylium	1	13					1	13
Torula								
Ulocladium								
Zygomycetes								
Background debris (1-4+)††	2+		3+		3+		3+	
Hyphal fragments/m3	53		< 13		13		27	
Pollen/m3	67		170		< 13		190	
Skin cells (1-4+)	< 1+		< 1+		< 1+		< 1+	
Sample volume (liters)	75		75		75		75	
<b>§ TOTAL SPORES/m3</b>		<b>2,200</b>		<b>490</b>		<b>1,100</b>		<b>520</b>

**Comments:**

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample, indicating a raw count of <1 spore.

† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.

†† Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher than reported. It is important to account for samples volumes when evaluating dust levels.

The analytical sensitivity is the spores/m<sup>3</sup> divided by the raw count, expressed in spores/m<sup>3</sup>. The limit of detection is the analytical sensitivity (in spores/m<sup>3</sup>) multiplied by the sample volume (in liters) divided by 1000 liters.

For more information regarding analytical sensitivity, please contact QA by calling the laboratory.

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

§ Total Spores/m<sup>3</sup> has been rounded to two significant figures to reflect analytical precision.

Client: M3 Environmental Consulting, LLC.  
C/O: Mr. Chris Gatward  
Re: 193140 T-1; US Longton-Watsonville

Date of Sampling: 06-06-2019  
Date of Receipt: 06-10-2019  
Date of Report: 06-12-2019

**SPORE TRAP REPORT: NON-VIABLE METHODOLOGY**

Location:	28490029: Unit 4375-2nd floor		28490021: Unit 4375-3rd floor		28490125: Unit 4415-3rd floor		28490047: Unit 4335-1st floor	
Comments (see below)	None		None		None		None	
Lab ID-Version‡:	10347175-1		10347176-1		10347177-1		10347178-1	
Analysis Date:	06/12/2019		06/12/2019		06/12/2019		06/12/2019	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria	1	13	2	27	3	40	1	13
Ascospores			1	53				
Basidiospores	4	210	8	430	1	53	2	110
Bipolaris/Drechslera group								
Botrytis	2	27						
Chaetomium					1	13		
Cladosporium	4	210	2	110	16	850	7	370
Epicoccum			1	13				
Oidium								
Other brown								
Other colorless								
Penicillium/Aspergillus types†					2	110		
Pithomyces								
Rusts			2	27			4	53
Smuts, Periconia, Myxomycetes	4	53	3	40				
Stachybotrys								
Stemphylium			1	13				
Torula								
Ulocladium								
Zygomycetes								
Background debris (1-4+)††	3+		3+		3+		3+	
Hyphal fragments/m3	13		< 13		< 13		13	
Pollen/m3	27		< 13		40		53	
Skin cells (1-4+)	< 1+		< 1+		< 1+		< 1+	
Sample volume (liters)	75		75		75		75	
<b>§ TOTAL SPORES/m3</b>		<b>520</b>		<b>710</b>		<b>1,100</b>		<b>550</b>

**Comments:**

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample, indicating a raw count of <1 spore.

† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.

†† Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher than reported. It is important to account for samples volumes when evaluating dust levels.

The analytical sensitivity is the spores/m<sup>3</sup> divided by the raw count, expressed in spores/m<sup>3</sup>. The limit of detection is the analytical sensitivity (in spores/m<sup>3</sup>) multiplied by the sample volume (in liters) divided by 1000 liters.

For more information regarding analytical sensitivity, please contact QA by calling the laboratory.

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

§ Total Spores/m<sup>3</sup> has been rounded to two significant figures to reflect analytical precision.

Client: M3 Environmental Consulting, LLC.  
C/O: Mr. Chris Gatward  
Re: 193140 T-1; US Longton-Watsonville

Date of Sampling: 06-06-2019  
Date of Receipt: 06-10-2019  
Date of Report: 06-12-2019

**SPORE TRAP REPORT: NON-VIABLE METHODOLOGY**

Location:	28499995: Unit 4335-2nd floor		28490033: Unit 4335-3rd floor		28490056: Unit 4295-1st floor		28490036: Unit 4335-2nd floor	
Comments (see below)	None		None		None		None	
Lab ID-Version‡:	10347179-1		10347180-1		10347181-1		10347182-1	
Analysis Date:	06/12/2019		06/12/2019		06/12/2019		06/12/2019	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria					1	13	1	13
Ascospores					2	110	2	110
Basidiospores	2	110	11	590	5	270	7	370
Bipolaris/Drechslera group								
Botrytis								
Chaetomium								
Cladosporium	16	850	6	320	9	480	13	690
Epicoccum			1	13			1	53
Oidium			3	40				
Other brown								
Other colorless								
Penicillium/Aspergillus types†	2	110						
Pithomyces								
Rusts	2	27			2	27		
Smuts, Periconia, Myxomycetes			2	27	1	13	2	110
Stachybotrys								
Stemphylium								
Torula			1	13			1	13
Ulocladium								
Zygomycetes								
Background debris (1-4+)††	3+		3+		3+		3+	
Hyphal fragments/m3	13		27		13		< 13	
Pollen/m3	530		40		13		53	
Skin cells (1-4+)	< 1+		< 1+		< 1+		< 1+	
Sample volume (liters)	75		75		75		75	
<b>§ TOTAL SPORES/m3</b>		<b>1,100</b>		<b>1,000</b>		<b>910</b>		<b>1,400</b>

**Comments:**

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample, indicating a raw count of <1 spore.

† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.

†† Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher than reported. It is important to account for samples volumes when evaluating dust levels.

The analytical sensitivity is the spores/m<sup>3</sup> divided by the raw count, expressed in spores/m<sup>3</sup>. The limit of detection is the analytical sensitivity (in spores/m<sup>3</sup>) multiplied by the sample volume (in liters) divided by 1000 liters.

For more information regarding analytical sensitivity, please contact QA by calling the laboratory.

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§ Total Spores/m<sup>3</sup> has been rounded to two significant figures to reflect analytical precision.

Client: M3 Environmental Consulting, LLC.  
C/O: Mr. Chris Gatward  
Re: 193140 T-1; US Longton-Watsonville

Date of Sampling: 06-06-2019  
Date of Receipt: 06-10-2019  
Date of Report: 06-12-2019

**SPORE TRAP REPORT: NON-VIABLE METHODOLOGY**

Location:	28490099: Unit 4335-3rd floor		28490058: Unit 102R-1st floor		28490045: Unit 102R-2nd floor		28490075: Unit 110R-1st floor	
Comments (see below)	None		None		None		None	
Lab ID-Version‡:	10347183-1		10347184-1		10347185-1		10347186-1	
Analysis Date:	06/12/2019		06/12/2019		06/12/2019		06/12/2019	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria	1	13	1	13			4	53
Ascospores	1	53					1	53
Basidiospores	1	53	2	110	1	53	4	210
Bipolaris/Drechslera group							1	13
Botrytis	2	27						
Chaetomium	1	13	2	27			1	13
Cladosporium	23	1,200	7	370	9	480	15	800
Epicoccum								
Oidium								
Other brown			2	27				
Other colorless								
Penicillium/Aspergillus types†								
Pithomyces								
Rusts	7	93	3	40	1	13	1	13
Smuts, Periconia, Myxomycetes	2	27						
Stachybotrys								
Stemphylium	1	13					2	27
Torula	4	53			1	13	1	13
Ulocladium	1	13						
Zygomycetes								
Background debris (1-4+)††	3+		3+		3+		3+	
Hyphal fragments/m3	< 13		< 13		27		13	
Pollen/m3	67		13		53		27	
Skin cells (1-4+)	< 1+		< 1+		< 1+		< 1+	
Sample volume (liters)	75		75		75		75	
<b>§ TOTAL SPORES/m3</b>		<b>1,600</b>		<b>590</b>		<b>560</b>		<b>1,200</b>

**Comments:**

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample, indicating a raw count of <1 spore.

† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.

†† Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher than reported. It is important to account for samples volumes when evaluating dust levels.

The analytical sensitivity is the spores/m<sup>3</sup> divided by the raw count, expressed in spores/m<sup>3</sup>. The limit of detection is the analytical sensitivity (in spores/m<sup>3</sup>) multiplied by the sample volume (in liters) divided by 1000 liters.

For more information regarding analytical sensitivity, please contact QA by calling the laboratory.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

§ Total Spores/m<sup>3</sup> has been rounded to two significant figures to reflect analytical precision.

Client: M3 Environmental Consulting, LLC.  
C/O: Mr. Chris Gatward  
Re: 193140 T-1; US Longton-Watsonville

Date of Sampling: 06-06-2019  
Date of Receipt: 06-10-2019  
Date of Report: 06-12-2019

**SPORE TRAP REPORT: NON-VIABLE METHODOLOGY**

Location:	28490037: Unit 110R-2nd floor		28490067: Unit 118R-1st floor		28490011: Unit 118R-2nd floor		28490015: Unit 118R-3rd floor	
Comments (see below)	None		None		None		None	
Lab ID-Version‡:	10347187-1		10347188-1		10347189-1		10347190-1	
Analysis Date:	06/12/2019		06/12/2019		06/12/2019		06/12/2019	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria	1	13	2	27	6	80	5	67
Ascospores			9	480				
Basidiospores	2	110	4	210			4	210
Bipolaris/Drechslera group								
Botrytis			3	40				
Chaetomium								
Cladosporium	10	530	14	750	22	1,200	35	1,900
Epicoccum								
Oidium								
Other brown								
Other colorless								
Penicillium/Aspergillus types†								
Pithomyces								
Rusts			6	80	3	40	1	13
Smuts, Periconia, Myxomycetes			4	53	8	110	2	27
Stachybotrys								
Stemphylium			1	13	1	13		
Torula	1	13						
Ulocladium								
Zygomycetes								
Background debris (1-4+)††	3+		3+		3+		3+	
Hyphal fragments/m3	13		13		53		53	
Pollen/m3	53		67		120		53	
Skin cells (1-4+)	1+		< 1+		< 1+		< 1+	
Sample volume (liters)	75		75		75		75	
<b>§ TOTAL SPORES/m3</b>		<b>670</b>		<b>1,700</b>		<b>1,400</b>		<b>2,200</b>

**Comments:**

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample, indicating a raw count of <1 spore.

† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.

†† Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher than reported. It is important to account for samples volumes when evaluating dust levels.

The analytical sensitivity is the spores/m<sup>3</sup> divided by the raw count, expressed in spores/m<sup>3</sup>. The limit of detection is the analytical sensitivity (in spores/m<sup>3</sup>) multiplied by the sample volume (in liters) divided by 1000 liters.

For more information regarding analytical sensitivity, please contact QA by calling the laboratory.

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

§ Total Spores/m<sup>3</sup> has been rounded to two significant figures to reflect analytical precision.

Client: M3 Environmental Consulting, LLC.  
C/O: Mr. Chris Gatward  
Re: 193140 T-1; US Longton-Watsonville

Date of Sampling: 06-06-2019  
Date of Receipt: 06-10-2019  
Date of Report: 06-12-2019

**SPORE TRAP REPORT: NON-VIABLE METHODOLOGY**

Location:	28490014: Unit 122R-1st floor		28490066: Unit 126R-2nd floor		28490085: Unit 126R-1st floor		28490104: Unit 130R-1st floor	
Comments (see below)	None		None		None		None	
Lab ID-Version‡:	10347191-1		10347192-1		10347193-1		10347194-1	
Analysis Date:	06/12/2019		06/12/2019		06/12/2019		06/12/2019	
	raw ct.	spores/m3						
Alternaria	1	13	8	110	4	53	2	27
Ascospores							11	590
Basidiospores	2	110	3	160	3	160	9	480
Bipolaris/Drechslera group								
Botrytis	2	27	5	67	1	13		
Chaetomium	1	13			1	13		
Cladosporium			94	5,000	31	1,700	32	1,700
Epicoccum							1	13
Oidium								
Other brown								
Other colorless								
Penicillium/Aspergillus types†	1	53					1	53
Pithomyces							3	40
Rusts	2	27	19	250	21	280	6	80
Smuts, Periconia, Myxomycetes	2	27	6	80	9	120	10	130
Stachybotrys								
Stemphylium	1	13						
Torula					1	13		
Ulocladium								
Zygomycetes								
Background debris (1-4+)††	3+		3+		3+		3+	
Hyphal fragments/m3	27		13		53		27	
Pollen/m3	13		< 13		53		93	
Skin cells (1-4+)	< 1+		< 1+		< 1+		< 1+	
Sample volume (liters)	75		75		75		75	
<b>§ TOTAL SPORES/m3</b>		280		5,700		2,300		3,100

**Comments:**

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample, indicating a raw count of <1 spore.

† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.

†† Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher than reported. It is important to account for samples volumes when evaluating dust levels.

The analytical sensitivity is the spores/m<sup>3</sup> divided by the raw count, expressed in spores/m<sup>3</sup>. The limit of detection is the analytical sensitivity (in spores/m<sup>3</sup>) multiplied by the sample volume (in liters) divided by 1000 liters.

For more information regarding analytical sensitivity, please contact QA by calling the laboratory.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

§ Total Spores/m<sup>3</sup> has been rounded to two significant figures to reflect analytical precision.

Client: M3 Environmental Consulting, LLC.  
C/O: Mr. Chris Gatward  
Re: 193140 T-1; US Longton-Watsonville

Date of Sampling: 06-06-2019  
Date of Receipt: 06-10-2019  
Date of Report: 06-12-2019

**SPORE TRAP REPORT: NON-VIABLE METHODOLOGY**

Location:	28490095: Unit 130R-2nd floor		28490100: Unit 138R-1st floor		28490127: Unit 142R-2nd floor		28490060: Outdoors by unit 142	
Comments (see below)	None		None		None		None	
Lab ID-Version‡:	10347195-1		10347196-1		10347197-1		10347198-1	
Analysis Date:	06/12/2019		06/12/2019		06/12/2019		06/12/2019	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria	15	200	21	280	11	150	4	53
Ascospores	4	210			2	110	4	210
Basidiospores	13	690	3	160	2	110	15	800
Bipolaris/Drechslera group								
Botrytis					1	13		
Chaetomium								
Cladosporium	47	2,500	54	2,900	33	1,800	32	1,700
Epicoccum								
Oidium	1	13					1	13
Other brown								
Penicillium/Aspergillus types†	6	320						
Pithomyces								
Rusts	13	170	7	93	1	13	2	27
Smuts, Periconia, Myxomycetes	1	13	6	80	2	27	5	67
Stachybotrys								
Stemphylium								
Torula								
Ulocladium								
Zygomycetes								
Background debris (1-4+)††	3+		3+		3+		2+	
Hyphal fragments/m3	40		40		40		< 13	
Pollen/m3	40		53		67		< 13	
Skin cells (1-4+)	< 1+		< 1+		< 1+		< 1+	
Sample volume (liters)	75		75		75		75	
<b>§ TOTAL SPORES/m3</b>		<b>4,100</b>		<b>3,500</b>		<b>2,200</b>		<b>2,900</b>

**Comments:**

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample, indicating a raw count of <1 spore.

† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.

†† Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher than reported. It is important to account for samples volumes when evaluating dust levels.

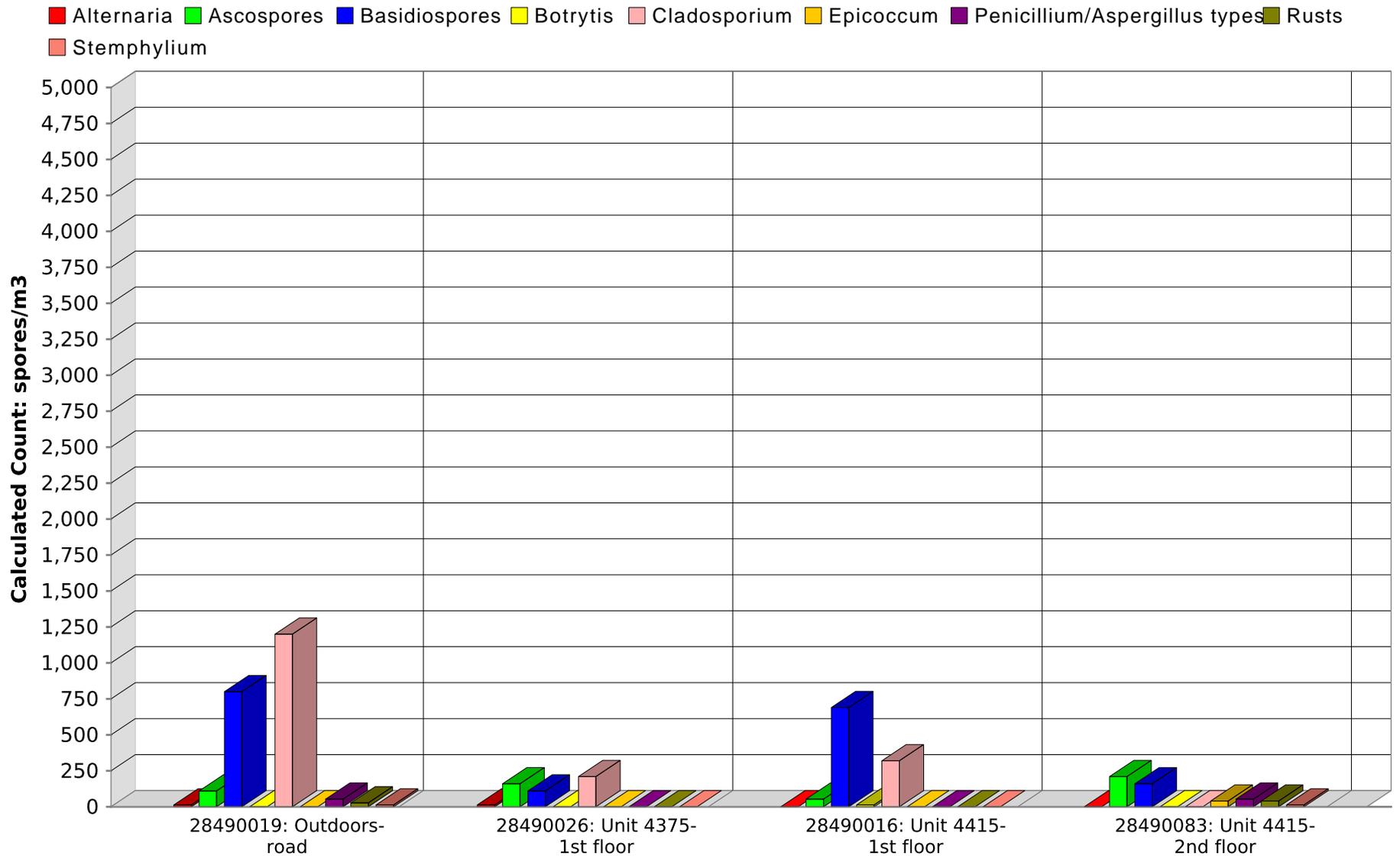
The analytical sensitivity is the spores/m<sup>3</sup> divided by the raw count, expressed in spores/m<sup>3</sup>. The limit of detection is the analytical sensitivity (in spores/m<sup>3</sup>) multiplied by the sample volume (in liters) divided by 1000 liters.

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§ Total Spores/m<sup>3</sup> has been rounded to two significant figures to reflect analytical precision.

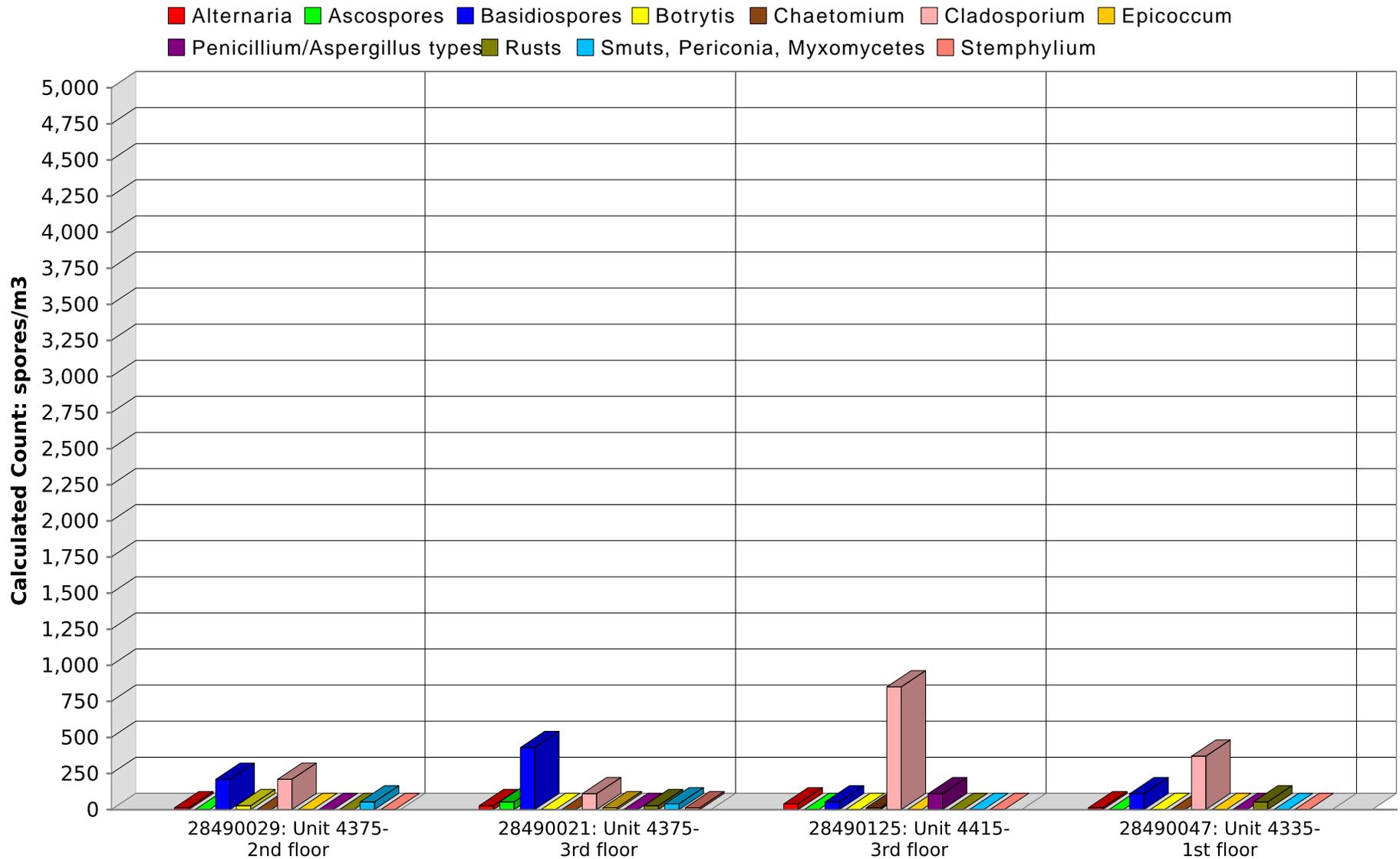
**SPORE TRAP REPORT: NON-VIABLE METHODOLOGY**



**Comments:**

Note: Graphical output may understate the importance of certain "marker" genera.  
 EMLab P&K, LLC

### SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

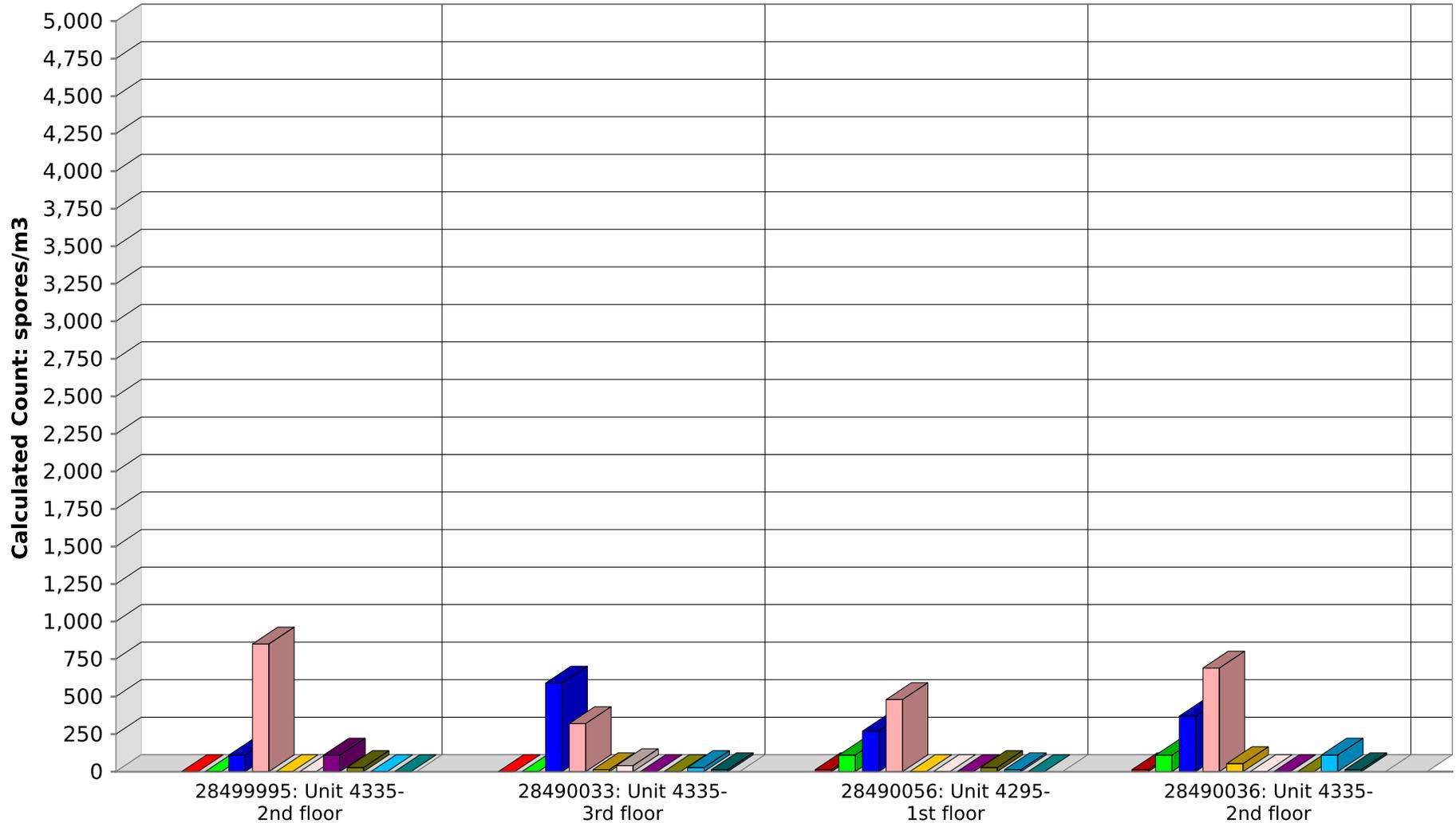


**Comments:**

Note: Graphical output may understate the importance of certain "marker" genera.  
 EMLab P&K, LLC

### SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

- Alternaria
- Ascospores
- Basidiospores
- Cladosporium
- Epicoccum
- Oidium
- Penicillium/Aspergillus types
- Rusts
- Smuts, Periconia, Myxomycetes
- Torula

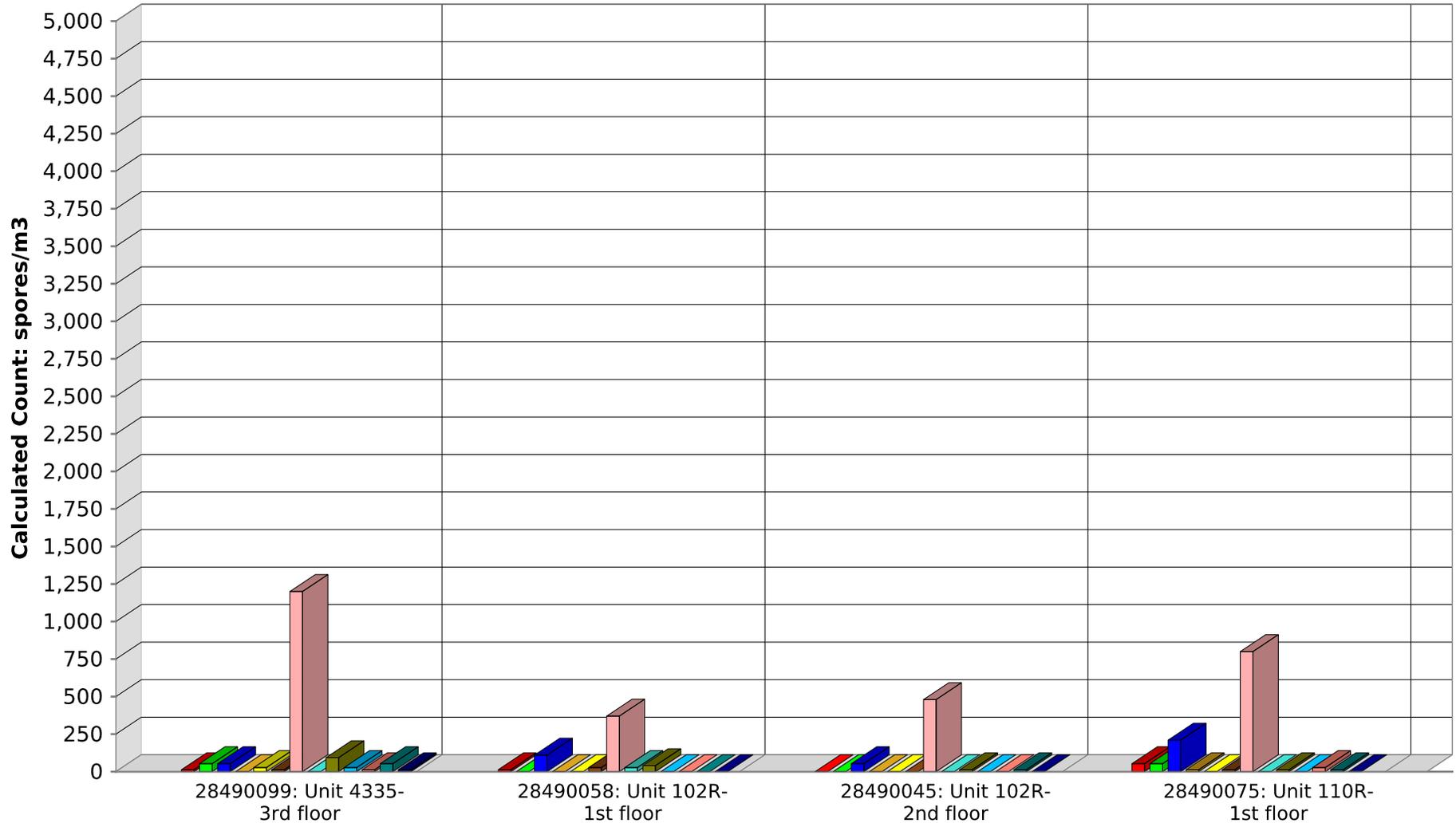


**Comments:**

Note: Graphical output may understate the importance of certain "marker" genera.  
EMLab P&K, LLC

### SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

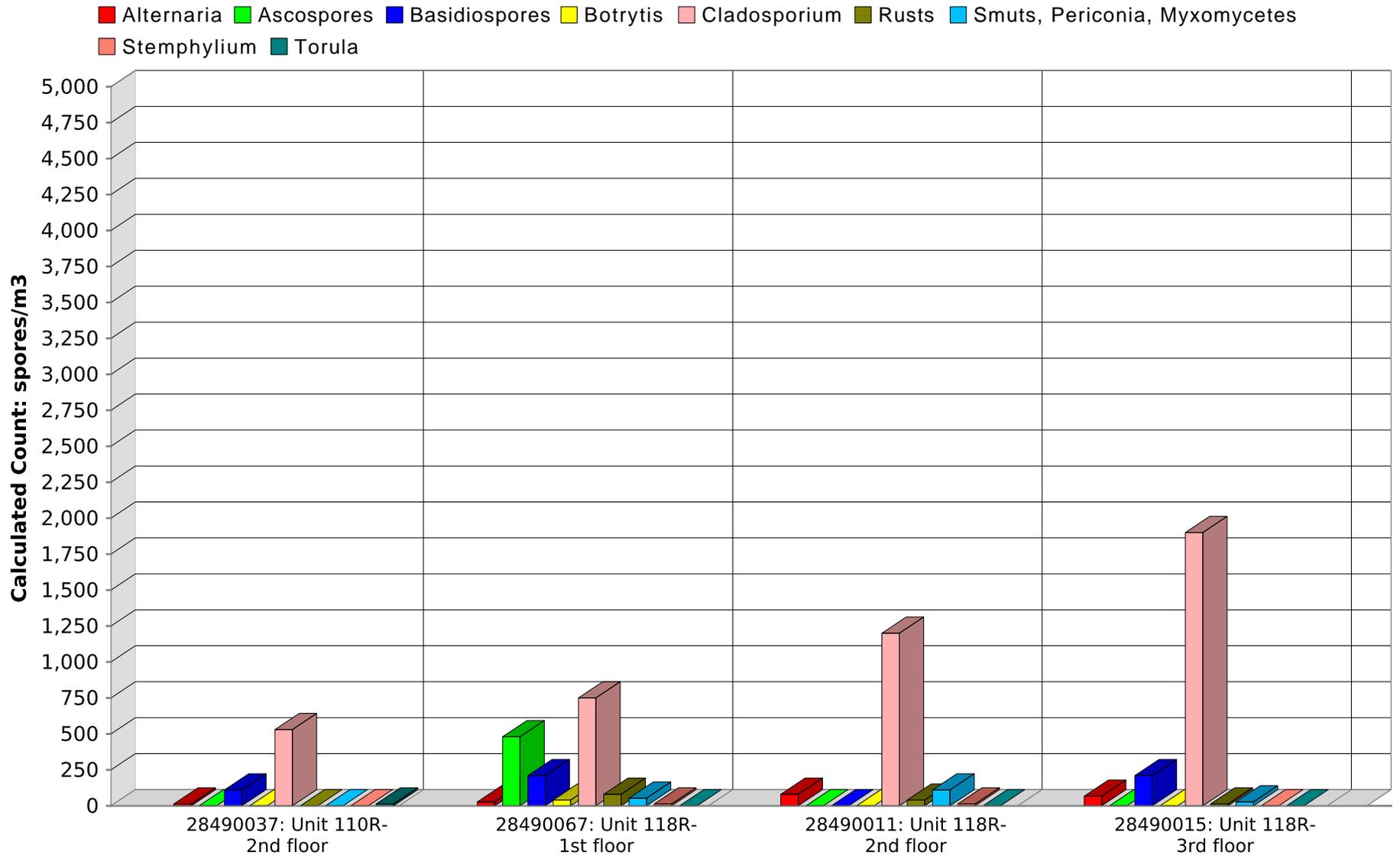
- Alternaria
- Ascospores
- Basidiospores
- Bipolaris/Drechslera group
- Botrytis
- Chaetomium
- Cladosporium
- Other brown
- Rusts
- Smuts, Periconia, Myxomycetes
- Stemphylium
- Torula
- Ulocladium



**Comments:**

Note: Graphical output may understate the importance of certain "marker" genera.  
EMLab P&K, LLC

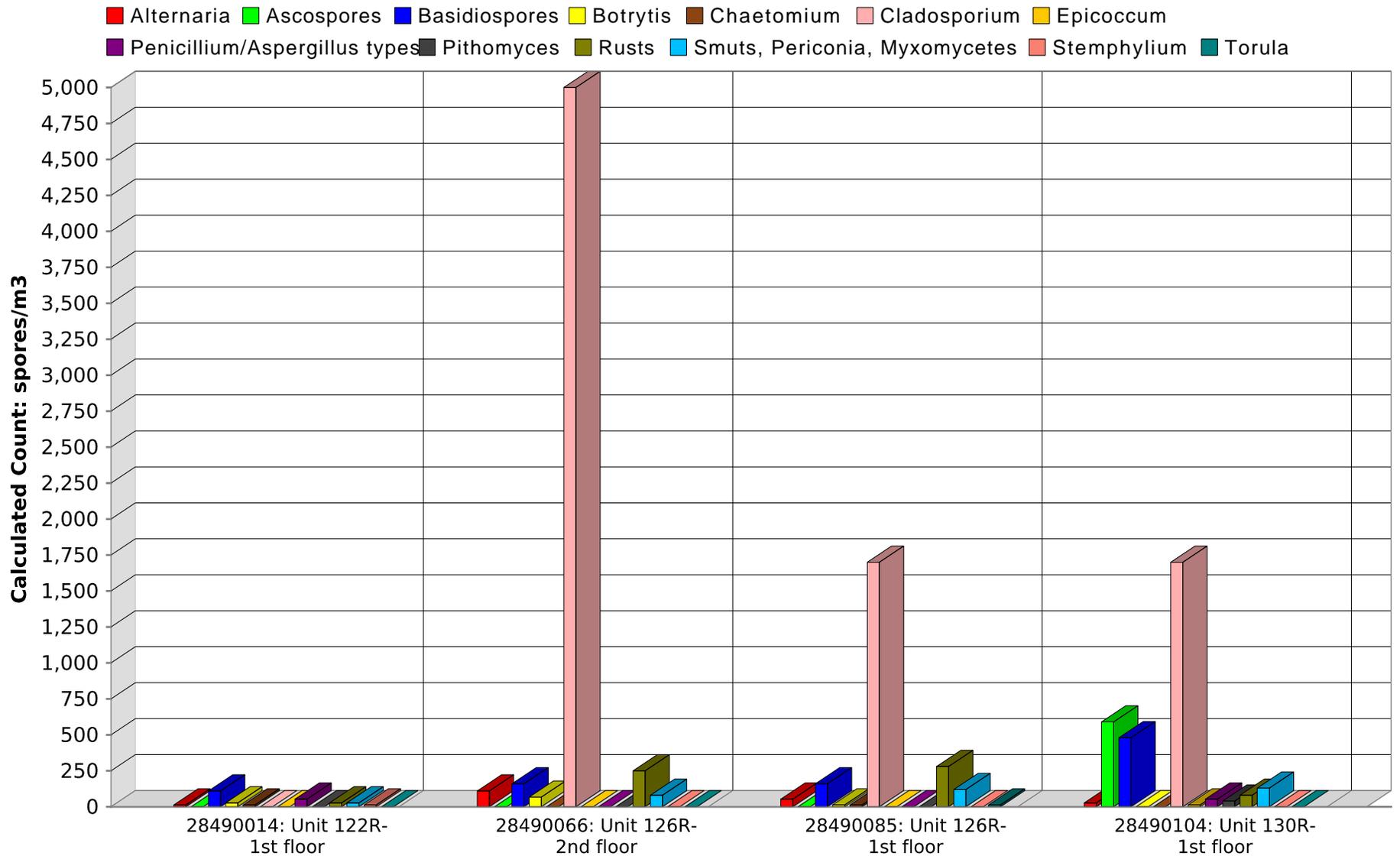
### SPORE TRAP REPORT: NON-VIABLE METHODOLOGY



**Comments:**

Note: Graphical output may understate the importance of certain "marker" genera.  
 EMLab P&K, LLC

### SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

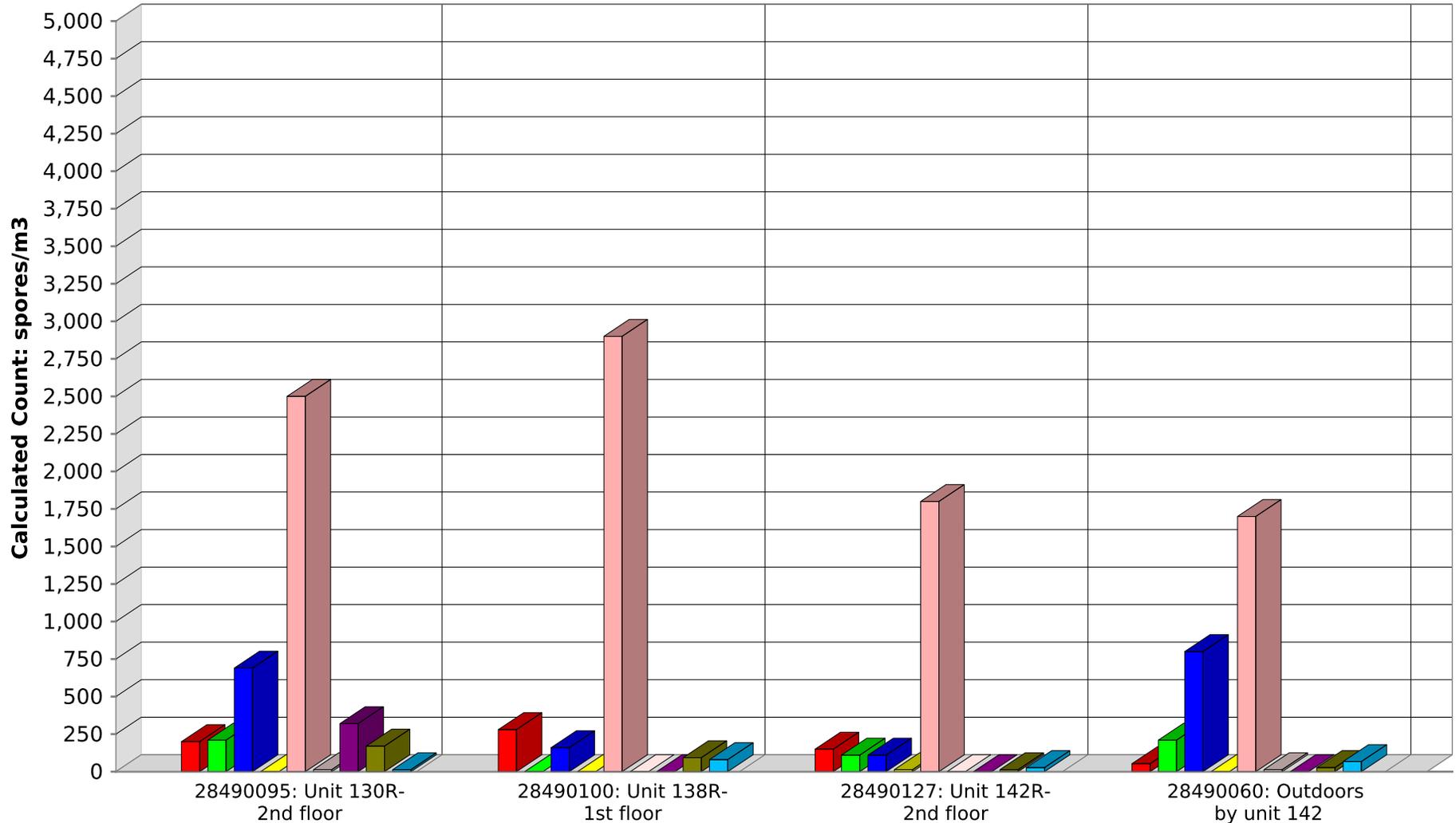


**Comments:**

Note: Graphical output may understate the importance of certain "marker" genera.  
 EMLab P&K, LLC

### SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

- Alternaria
- Ascospores
- Basidiospores
- Botrytis
- Cladosporium
- Oidium
- Penicillium/Aspergillus types
- Rusts
- Smuts, Periconia, Myxomycetes



**Comments:**

Note: Graphical output may understate the importance of certain "marker" genera.  
 EMLab P&K, LLC



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SSF, CA: 6000 Shoreline Court, Suite 205, South San Francisco, CA 94090 • (866) 888-6653

1/8/22/2c

Weather	Fog	Rain	Snow	Wind	Clear
None	<input type="checkbox"/>				
Light	<input type="checkbox"/>				
Moderate	<input type="checkbox"/>				
Heavy	<input type="checkbox"/>				

**REQUESTED SERVICE**  
(Use checkboxes below)

002179164



**CONTACT INFORMATION**

Company: M3 Environmental Consult  
Contact: Chris Gatward  
Phone: 831.649.4623  
Address: 9821 Blue larkspur Ln., Monterey CVA 93940  
Special Instructions: email chris@m3environmental.com

**PROJECT INFORMATION**

Project ID: 19314-D T-1  
Project Description: US Longton - Watsonville  
Project Zip Code: 95076  
Sampling Date & Time: 6/6/19  
Sampled By: Chris G  
Turn Around Time Codes (TAT): STD - Standard (DEFAULT), ND - Next Business Day, SD - Same Business Day Rush, WH - Weekend / Holiday

Notes: Rushes received after 2 pm or on weekends, will be considered received the next business day. Please alert us in advance of weekend analysis needs.

Sample ID	Description	Sample Type (Below)	TAT (Above)	Total Volume / Area (as applicable)	Notes (Time of day, Temp, RH, etc.)
0036	Unit 4295-2nd Fl	ST	STD	75	105/66%/a.i.
0099	Unit 4295-3rd Fl				1115
0058	Unit 102R-1st Fl				1140
0045	Unit 102R-2nd Fl				1147/66/60
0025	Unit 110R-1st Fl				1151
0037	Unit 110R-2nd Fl				1220/66/58
0063	Unit 118R-1st Fl				1350/31/49
0011	Unit 118R-2nd Fl				1400/68/55
0015	Unit 118R-3rd Fl				1410
0014	Unit 122R-1st Fl				1416/68/56
0066	Unit 126R-2nd Fl				1441/69/55

**SAMPLE TYPE CODES**

BC - BioCassette™	ST - Spore Trap, Zefon, Allergenco, Burkard ...	T - Tape	D - Dust
A1S - Anderson	P - Potable Water <td>SW - Swab <td>SO - Soil </td></td>	SW - Swab <td>SO - Soil </td>	SO - Soil
SAS - Surface Air Sampler	NP - Non-Potable Water <td>B - Bulk</td> <td></td>	B - Bulk	
CP - Contact Plate		O - Other:	

**RELINQUISHED BY**

*[Signature]*

**DATE & TIME**

6/7/19

**RECEIVED BY**

*[Signature]*

**DATE & TIME**

6/10/19 905

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SF, CA: 6000 Shoreline Court, Suite 205, South San Francisco, CA 94080 • (866) 888-6653

150134/138/142

Weather	Fog	Rain	Snow	Wind	Clear
None	<input type="checkbox"/>				
Light	<input type="checkbox"/>				
Moderate	<input type="checkbox"/>				
Heavy	<input type="checkbox"/>				

REQUESTED SERVI  
(Use checkboxes below)

002179164



CONTACT INFORMATION

Company: M3 Environmental Consult Address: 9821 Blue Jar Spur Ln., Monterey CVA 93940  
Contact: Chris Gatward Special Instructions:  
Phone: 831.649.4623 email chris@m3environmental.com

PROJECT INFORMATION

Project ID: 19314.0 T-1  
Project Description: US Longton - Watsonville  
Project Zip Code: 95076  
PO Number:  
Sampling Date & Time: 4/8/19  
Sampled By: CHRIS G

TURN AROUND TIME CODES (TAT)

STD - Standard (DEFAULT)  
ND - Next Business Day  
SD - Same Business Day Rush  
WH - Weekend / Holiday

2849

Sample ID	Description	Sample Type (Below)	TAT (Above)	Total Volume / Area (as applicable)	Note (Time of day, Temp, RH, etc.)
0085	Unit 126R 1st Fl.	ST	STD	75	1500
0104	Unit 130R 1st Fl.				
0095	Unit 130R 2nd Fl.				
0100	Unit 138R 1st Fl.				1380/30/149%
0137	Unit 142R 2nd Fl.				1350/30/158%
0060	Outdoors by Unit 142				1405/30/158% 1411/30/150%

SAMPLE TYPE CODES

BC - BioCassette™	ST - Spore Trap, Zefon, Allergenco, Burkard ...	T - Tape	D - Dust
A1S - Anderson		SW - Swab	SO - Soil
SAS - Surface Air Sampler	P - Potable Water	B - Bulk	
CP - Contact Plate	NP - Non-Potable Water	O - Other:	

RELINQUISHED BY

*Chris Gatward*

DATE & TIME

4/7/19

RECEIVED BY

*Colin A. Gots*

DATE & TIME

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(3)



Report for:

**Mr. Chris Gatward**  
**M3 Environmental Consulting, LLC.**  
9821 Blue Larkspur Lane, Ste 100  
Monterey, CA 93940

---

Regarding: Project: 193140 T-1; US Longton-Watsonville  
EML ID: 2179168

Approved by:

Dates of Analysis:  
Spore trap analysis: 06-12-2019

Technical Manager  
Murali Putty

Service SOPs: Spore trap analysis (EM-MY-S-1038)  
AIHA-LAP, LLC accredited service, Lab ID #102856

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All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank correction of results is not applied. The results relate only to the samples as received. Sample air volume is supplied by the client.

EMLab P&K ("the Company") shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

EMLab P&K's LabServe® reporting system includes automated fail-safes to ensure that all AIHA-LAP, LLC quality requirements are met and notifications are added to reports when any quality steps remain pending.

Client: M3 Environmental Consulting, LLC.  
C/O: Mr. Chris Gatward  
Re: 193140 T-1; US Longton-Watsonville

Date of Sampling: 06-07-2019  
Date of Receipt: 06-10-2019  
Date of Report: 06-12-2019

**SPORE TRAP REPORT: NON-VIABLE METHODOLOGY**

Location:	28490126: Outdoors-137 Lily		28490096: Unit 137L-1st floor		28490098: Unit 137L-2nd floor		28497675: Unit 137L-3rd floor	
Comments (see below)	None		None		None		None	
Lab ID-Version‡:	10346974-1		10346975-1		10346976-1		10346977-1	
Analysis Date:	06/12/2019		06/12/2019		06/12/2019		06/12/2019	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria	1	13			1	13		
Ascospores	11	590	11	590	17	910	11	590
Basidiospores	14	750	7	370	21	1,100	4	210
Bipolaris/Drechslera group								
Botrytis	2	27	1	13				
Chaetomium	1	13			2	27		
Cladosporium	13	690	7	370	17	910	16	850
Epicoccum			1	13				
Oidium								
Other brown	2	27					2	27
Other colorless								
Penicillium/Aspergillus types†	11	590	7	370	13	690	15	800
Pithomyces								
Rusts			1	13	2	27		
Smuts, Periconia, Myxomycetes					2	27		
Stachybotrys								
Stemphylium					2	27	2	27
Torula								
Ulocladium					1	13	1	13
Zygomycetes								
Background debris (1-4+)††	3+		3+		3+		3+	
Hyphal fragments/m3	27		27		110		67	
Pollen/m3	27		80		130		150	
Skin cells (1-4+)	< 1+		1+		< 1+		1+	
Sample volume (liters)	75		75		75		75	
<b>§ TOTAL SPORES/m3</b>		<b>2,700</b>		<b>1,700</b>		<b>3,800</b>		<b>2,500</b>

**Comments:**

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample, indicating a raw count of <1 spore.

† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.

†† Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher than reported. It is important to account for samples volumes when evaluating dust levels.

The analytical sensitivity is the spores/m<sup>3</sup> divided by the raw count, expressed in spores/m<sup>3</sup>. The limit of detection is the analytical sensitivity (in spores/m<sup>3</sup>) multiplied by the sample volume (in liters) divided by 1000 liters.

For more information regarding analytical sensitivity, please contact QA by calling the laboratory.

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

§ Total Spores/m<sup>3</sup> has been rounded to two significant figures to reflect analytical precision.

Client: M3 Environmental Consulting, LLC.  
C/O: Mr. Chris Gatward  
Re: 193140 T-1; US Longton-Watsonville

Date of Sampling: 06-07-2019  
Date of Receipt: 06-10-2019  
Date of Report: 06-12-2019

**SPORE TRAP REPORT: NON-VIABLE METHODOLOGY**

Location:	28490089: Unit 129L-1st floor		28490114: Unit 129L-2nd floor		28490115: Unit 129L-3rd floor		28490101: Unit 125L-1st floor	
Comments (see below)	None		None		None		None	
Lab ID-Version‡:	10346978-1		10346979-1		10346980-1		10346981-1	
Analysis Date:	06/12/2019		06/12/2019		06/12/2019		06/12/2019	
	raw ct.	spores/m3						
Alternaria								
Ascospores	9	480	23	1,200	20	1,100	9	480
Basidiospores	6	320	17	910	14	750	11	590
Bipolaris/Drechslera group			1	13				
Botrytis	2	27						
Chaetomium								
Cladosporium	11	590	61	3,300	26	1,400	20	1,100
Epicoccum								
Oidium			3	40				
Other brown			4	53	2	27	2	27
Other colorless								
Penicillium/Aspergillus types†	12	640	39	2,100	26	1,400	16	850
Pithomyces								
Rusts			6	80				
Smuts, Periconia, Myxomycetes	1	13			2	27		
Stachybotrys								
Stemphylium					1	13		
Torula								
Ulocladium								
Zygomycetes								
Background debris (1-4+)††	3+		3+		3+		3+	
Hyphal fragments/m3	93		160		40		40	
Pollen/m3	67		1,500		80		40	
Skin cells (1-4+)	1+		< 1+		< 1+		< 1+	
Sample volume (liters)	75		75		75		75	
<b>§ TOTAL SPORES/m3</b>		<b>2,100</b>		<b>7,700</b>		<b>4,700</b>		<b>3,000</b>

**Comments:**

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample, indicating a raw count of <1 spore.

† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.

†† Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher than reported. It is important to account for samples volumes when evaluating dust levels.

The analytical sensitivity is the spores/m<sup>3</sup> divided by the raw count, expressed in spores/m<sup>3</sup>. The limit of detection is the analytical sensitivity (in spores/m<sup>3</sup>) multiplied by the sample volume (in liters) divided by 1000 liters.

For more information regarding analytical sensitivity, please contact QA by calling the laboratory.

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

§ Total Spores/m<sup>3</sup> has been rounded to two significant figures to reflect analytical precision.

Client: M3 Environmental Consulting, LLC.  
C/O: Mr. Chris Gatward  
Re: 193140 T-1; US Longton-Watsonville

Date of Sampling: 06-07-2019  
Date of Receipt: 06-10-2019  
Date of Report: 06-12-2019

**SPORE TRAP REPORT: NON-VIABLE METHODOLOGY**

Location:	28490116: Unit 125L-2nd floor		28496677: Unit 125L-3rd floor		28490123: Unit 117-1st floor		28490121: Unit 117L-2nd floor	
Comments (see below)	None		None		None		None	
Lab ID-Version‡:	10346982-1		10346983-1		10346984-1		10346985-1	
Analysis Date:	06/12/2019		06/12/2019		06/12/2019		06/12/2019	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria			4	53			1	13
Ascospores	13	690	13	690	6	320	16	850
Basidiospores	9	480	8	430	6	320	8	430
Bipolaris/Drechslera group								
Botrytis					1	13	1	13
Chaetomium			1	13				
Cladosporium	22	1,200	27	1,400	5	270	17	910
Epicoccum								
Oidium								
Other brown								
Other colorless								
Penicillium/Aspergillus types†	11	590	16	850	5	270	15	800
Pithomyces								
Rusts			1	13	3	40	2	27
Smuts, Periconia, Myxomycetes			4	53	1	13	3	40
Stachybotrys								
Stemphylium							1	13
Torula					1	13		
Ulocladium								
Zygomycetes								
Background debris (1-4+)††	3+		3+		3+		3+	
Hyphal fragments/m3	13		93		67		27	
Pollen/m3	27		53		< 13		13	
Skin cells (1-4+)	1+		< 1+		< 1+		< 1+	
Sample volume (liters)	75		75		75		75	
<b>§ TOTAL SPORES/m3</b>		<b>2,900</b>		<b>3,500</b>		<b>1,300</b>		<b>3,100</b>

**Comments:**

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample, indicating a raw count of <1 spore.

† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.

†† Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher than reported. It is important to account for samples volumes when evaluating dust levels.

The analytical sensitivity is the spores/m<sup>3</sup> divided by the raw count, expressed in spores/m<sup>3</sup>. The limit of detection is the analytical sensitivity (in spores/m<sup>3</sup>) multiplied by the sample volume (in liters) divided by 1000 liters.

For more information regarding analytical sensitivity, please contact QA by calling the laboratory.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

§ Total Spores/m<sup>3</sup> has been rounded to two significant figures to reflect analytical precision.

Client: M3 Environmental Consulting, LLC.  
C/O: Mr. Chris Gatward  
Re: 193140 T-1; US Longton-Watsonville

Date of Sampling: 06-07-2019  
Date of Receipt: 06-10-2019  
Date of Report: 06-12-2019

**SPORE TRAP REPORT: NON-VIABLE METHODOLOGY**

Location:	28490118: Unit 117L-3rd floor		28490082: Unit 113L-1st floor		28490084: Unit 105-2nd floor		28490069: Unit 105-1st floor	
Comments (see below)	None		None		None		None	
Lab ID-Version‡:	10346986-1		10346987-1		10346988-1		10346989-1	
Analysis Date:	06/12/2019		06/12/2019		06/12/2019		06/12/2019	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria	1	13					2	27
Ascospores	24	1,300	29	1,500	14	750	31	1,700
Basidiospores	10	530	18	960	7	370	14	750
Bipolaris/Drechslera group								
Botrytis	1	13					1	13
Chaetomium								
Cladosporium	22	1,200	39	2,100	33	1,800	32	1,700
Epicoccum								
Oidium			1	13			1	13
Other brown					1	13		
Other colorless	1	13						
Penicillium/Aspergillus types†	28	1,500	20	1,100	37	2,000	33	1,800
Pithomyces								
Rusts	1	13	5	67			2	27
Smuts, Periconia, Myxomycetes	4	53	1	13			1	13
Stachybotrys								
Stemphylium	2	27					1	13
Torula								
Ulocladium								
Zygomycetes								
Background debris (1-4+)††	3+		3+		3+		3+	
Hyphal fragments/m3	53		27		< 13		27	
Pollen/m3	27		53		< 13		27	
Skin cells (1-4+)	< 1+		1+		< 1+		< 1+	
Sample volume (liters)	75		75		75		75	
<b>§ TOTAL SPORES/m3</b>		<b>4,600</b>		<b>5,700</b>		<b>4,900</b>		<b>6,000</b>

**Comments:**

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample, indicating a raw count of <1 spore.

† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.

†† Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher than reported. It is important to account for samples volumes when evaluating dust levels.

The analytical sensitivity is the spores/m<sup>3</sup> divided by the raw count, expressed in spores/m<sup>3</sup>. The limit of detection is the analytical sensitivity (in spores/m<sup>3</sup>) multiplied by the sample volume (in liters) divided by 1000 liters.

For more information regarding analytical sensitivity, please contact QA by calling the laboratory.

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

§ Total Spores/m<sup>3</sup> has been rounded to two significant figures to reflect analytical precision.

Client: M3 Environmental Consulting, LLC.  
C/O: Mr. Chris Gatward  
Re: 193140 T-1; US Longton-Watsonville

Date of Sampling: 06-07-2019  
Date of Receipt: 06-10-2019  
Date of Report: 06-12-2019

**SPORE TRAP REPORT: NON-VIABLE METHODOLOGY**

Location:	28490049: Unit 105-2nd floor		28490106: Outdoors-101L	
Comments (see below)	A		None	
Lab ID-Version‡:	10346990-1		10346991-1	
Analysis Date:	06/12/2019		06/12/2019	
	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria	1	13		
Ascospores	12	640	25	1,300
Basidiospores	1	53	35	1,900
Bipolaris/Drechslera group				
Botrytis				
Chaetomium				
Cladosporium	15	800	23	1,200
Epicoccum				
Oidium			1	13
Other brown	1	13		
Other colorless				
Penicillium/Aspergillus types†	26	830	22	1,200
Pithomyces				
Rusts				
Smuts, Periconia, Myxomycetes	1	13		
Stachybotrys				
Stemphylium				
Torula	1	13		
Ulocladium				
Zygomycetes				
Background debris (1-4+)††	3+		3+	
Hyphal fragments/m3	67		13	
Pollen/m3	93		< 13	
Skin cells (1-4+)	< 1+		< 1+	
Sample volume (liters)	75		75	
<b>§ TOTAL SPORES/m3</b>		<b>2,400</b>		<b>5,600</b>

**Comments:** A) 14 of the raw count *Penicillium/Aspergillus* type spores were present as a single clump.

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample, indicating a raw count of <1 spore.

† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.

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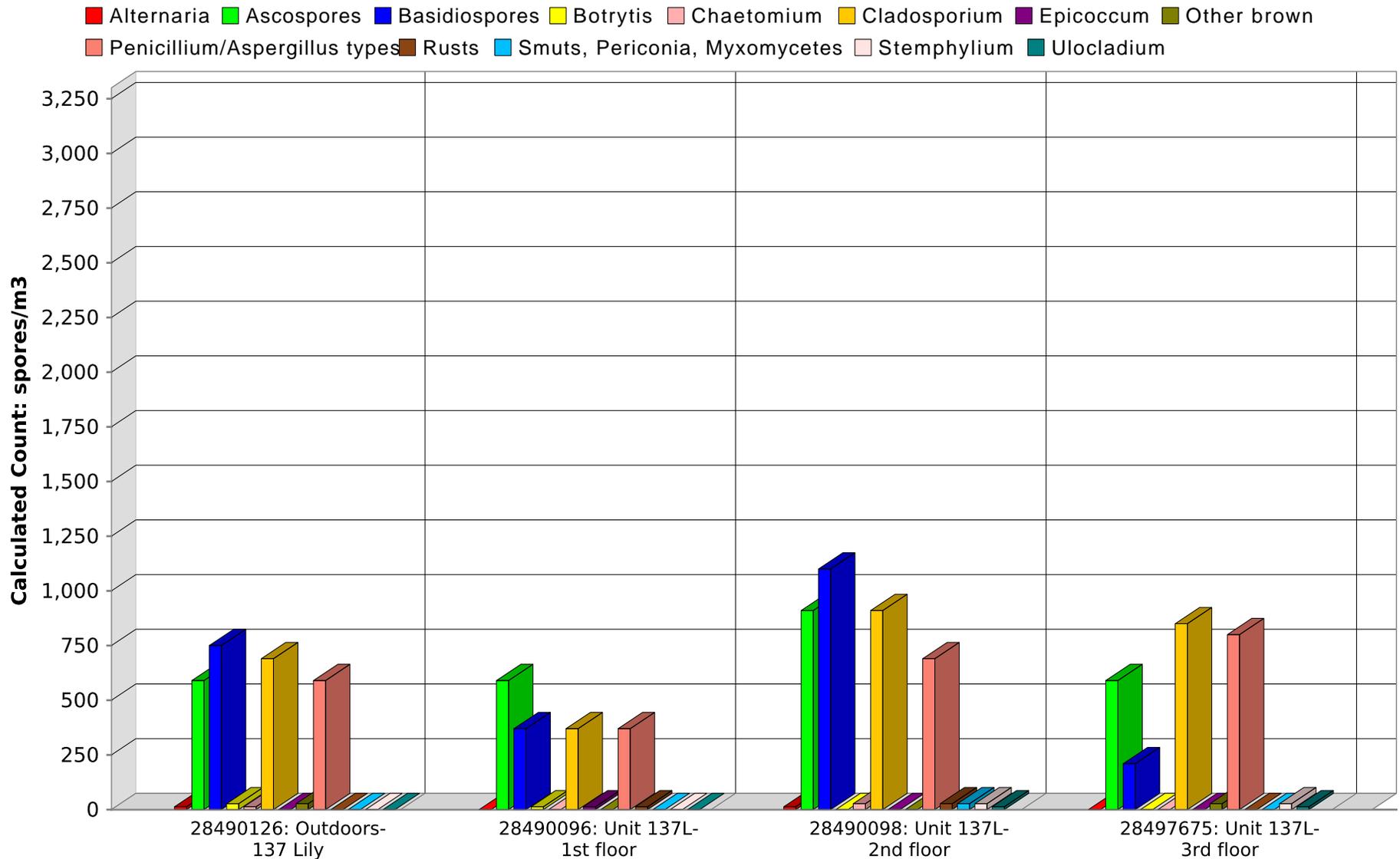
The analytical sensitivity is the spores/m<sup>3</sup> divided by the raw count, expressed in spores/m<sup>3</sup>. The limit of detection is the analytical sensitivity (in spores/m<sup>3</sup>) multiplied by the sample volume (in liters) divided by 1000 liters.

For more information regarding analytical sensitivity, please contact QA by calling the laboratory.

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§ Total Spores/m<sup>3</sup> has been rounded to two significant figures to reflect analytical precision.

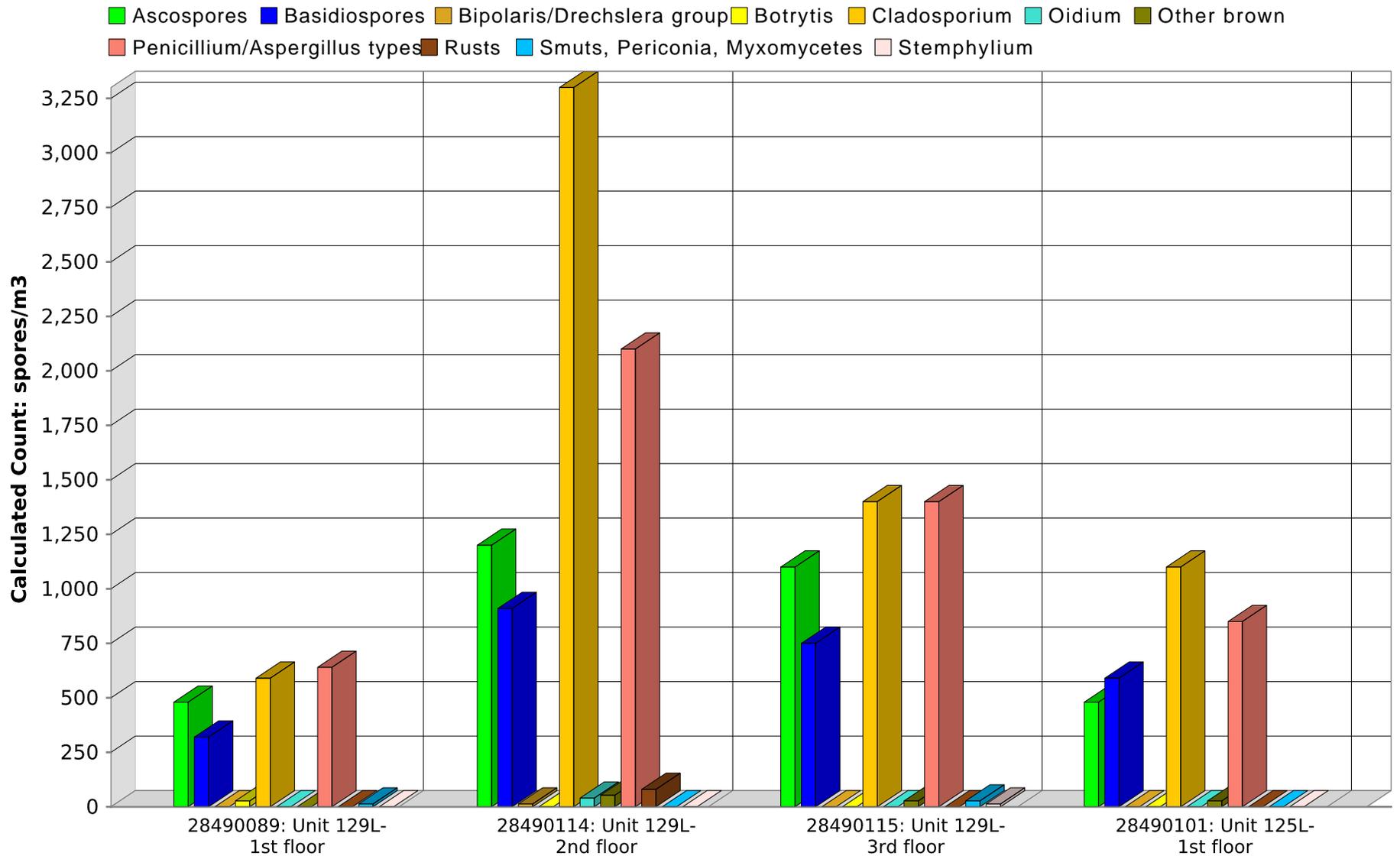
### SPORE TRAP REPORT: NON-VIABLE METHODOLOGY



**Comments:**

Note: Graphical output may understate the importance of certain "marker" genera.  
 EMLab P&K, LLC

### SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

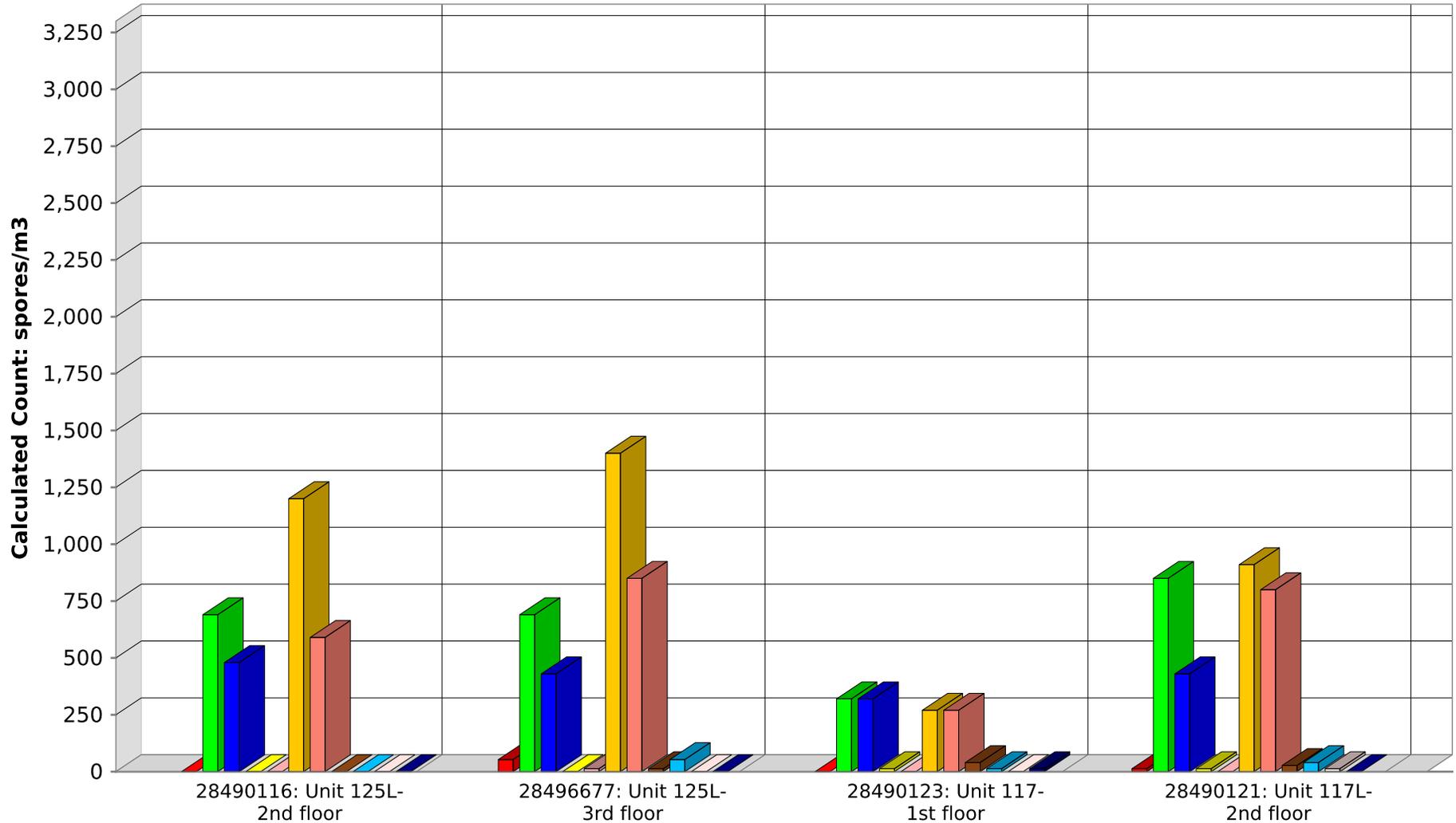


**Comments:**

Note: Graphical output may understate the importance of certain "marker" genera.  
 EMLab P&K, LLC

**SPORE TRAP REPORT: NON-VIABLE METHODOLOGY**

■ Alternaria ■ Ascospores ■ Basidiospores ■ Botrytis ■ Chaetomium ■ Cladosporium ■ Penicillium/Aspergillus types ■ Rusts  
■ Smuts, Periconia, Myxomycetes ■ Stemphylium ■ Torula

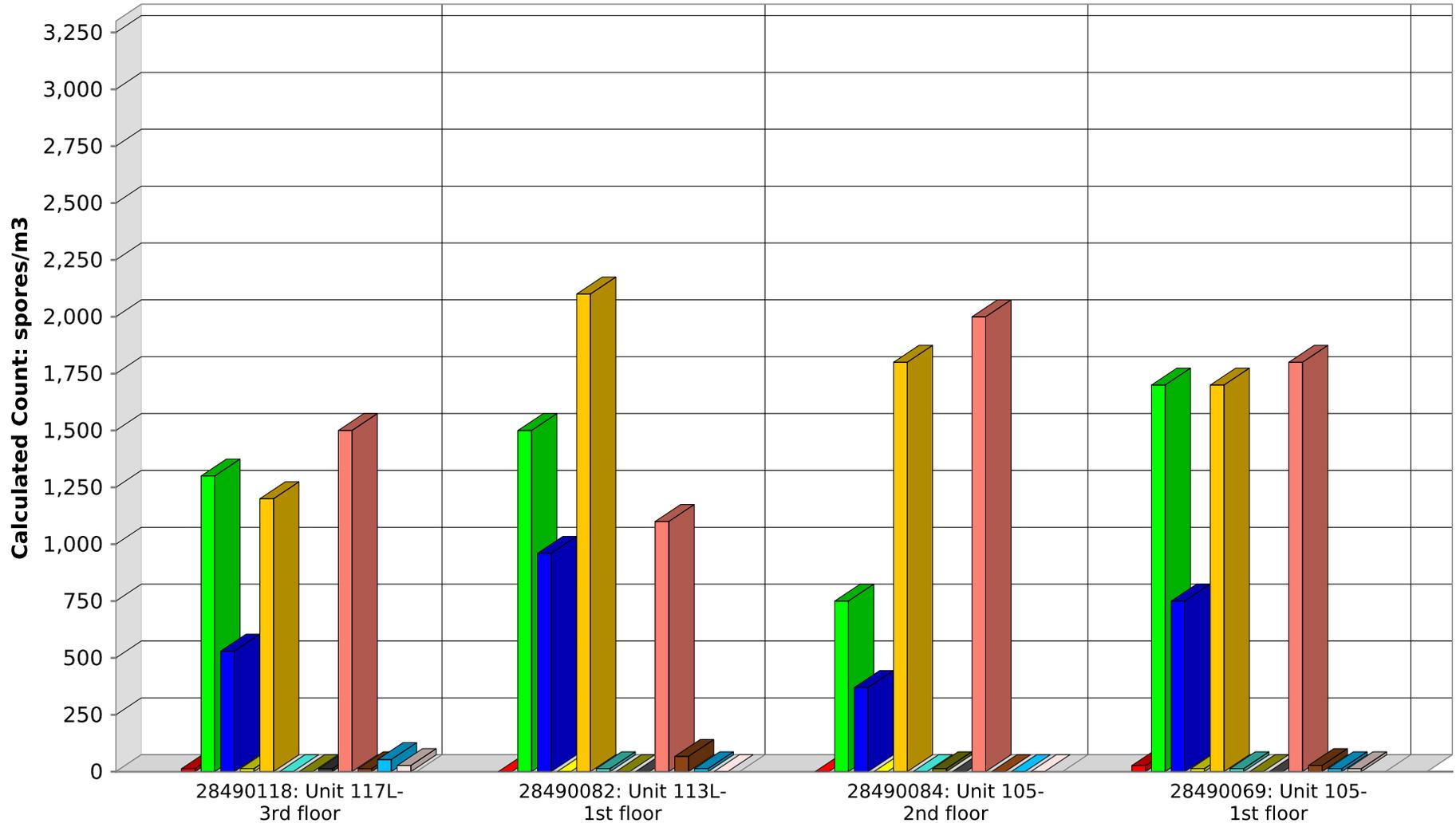


**Comments:**

Note: Graphical output may understate the importance of certain "marker" genera.  
 EMLab P&K, LLC

### SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

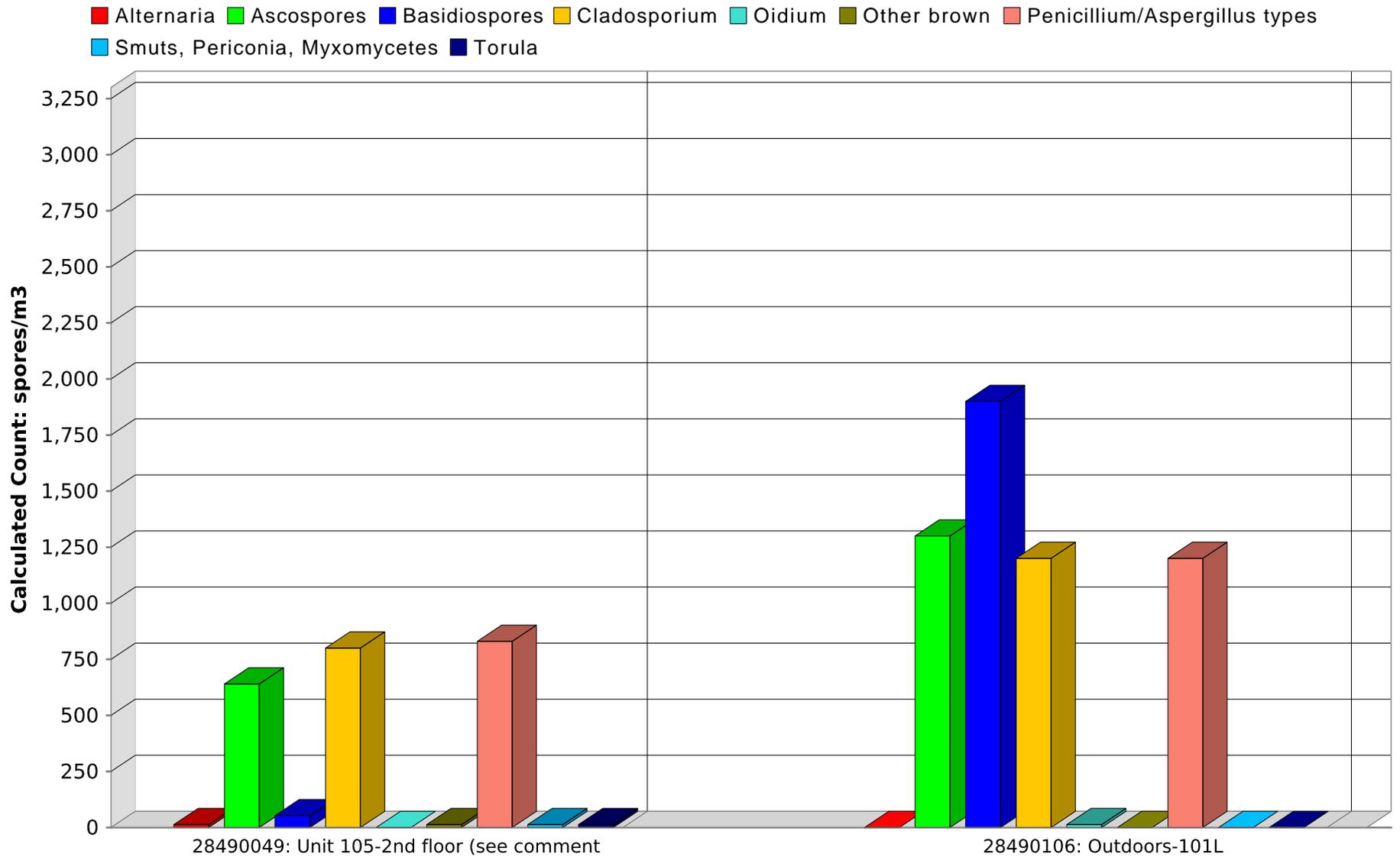
■ Alternaria  
 ■ Ascospores  
 ■ Basidiospores  
 ■ Botrytis  
 ■ Cladosporium  
 ■ Oidium  
 ■ Other brown  
 ■ Other colorless  
■ Penicillium/Aspergillus types  
 ■ Rusts  
 ■ Smuts, Periconia, Myxomycetes  
 ■ Stemphylium



**Comments:**

Note: Graphical output may understate the importance of certain "marker" genera.  
 EMLab P&K, LLC

### SPORE TRAP REPORT: NON-VIABLE METHODOLOGY



Comments: A) 14 of the raw count *Penicillium/Aspergillus* type spores were present as a single clump.

Note: Graphical output may understate the importance of certain "marker" genera.  
 EMLab P&K, LLC

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SF, CA: 6000 Shoreline Court, Suite 205, South San Francisco, CA 94080 \* (666) 888-6553

11/21/12

7/13/13

o/c AM -> Sun  
light breeze

Weather	Fog	Rain	Snow	Wind	Clear
None	<input type="checkbox"/>				
Light	<input type="checkbox"/>				
Moderate	<input type="checkbox"/>				
Heavy	<input type="checkbox"/>				

**REQUESTED SERVICES**  
(Use checkboxes below)

002179168



**CONTACT INFORMATION**

Company: M3 Environmental Consult  
Contact: Chris Gatward  
Phone: 831.649.4623  
Address: 9821 Blue Jarvispur Ln., Monterey CVA 93940  
Special Instructions:  
email chris@m3environmental.com

**PROJECT INFORMATION**

Project ID: 19314-D T-1  
Project Description: US Loughton - Watsonville  
Project Zip Code: 95076  
Sampling Date & Time: 6/7/19  
Sampled By: Chris G  
Samp. Date & Time: 6/7/19

**TURN AROUND TIME CODES (TAT)**

STD - Standard (DEFAULT)  
ND - Next Business Day  
SD - Same Business Day Rush  
WH - Weekend / Holiday

Rushes received after 2 pm or on weekends, will be considered received the next business day. Please alert us in advance of weekend analysis needs.

Sample ID	Description	Sample Type (below)	TAT (above)	Total Volume / Area (as applicable)	Note (Time of day, Temp, RH, etc.)
0126	Outdoors - 137 L/19	ST	STD	75	
0096	Unit 137L 2nd FL				0915/58/59%
0098	Unit 137L 2nd FL				0916/61/55%
0095	Unit 137L 3rd FL				0935/
0089	Unit 129L 1st FL				0942/
0114	Unit 129L 2nd FL				0950/64/50%
0115	Unit 129L 3rd FL				0952/61/54%
0101	Unit 125L 1st FL				1015/59/60%
0116	Unit 125L 2nd FL				1020/54/60%
0123	Unit 125L 3rd FL				1022/60/60%
	Unit 117 1st FL				1035/4/61%

SAMPLE TYPE CODES		RELINQUISHED BY		DATE & TIME
BC - BioCassette™	ST - Spore Trap, Zelon, Allergenco, Burkard ...	T - Tape	D - Dust	
A1S - Andron	P - Portable Water	SW - Swab	SO - Soil	
SAS - Surface Air Sampler	NP - Non-Portable Water	B - Bulk	O - Other:	
CP - Contact Plate				

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RECEIVED BY

6/10/19 905

DATE & TIME

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SF, CA: 6000 Shoreline Court, Suite 205, South San Francisco, CA 94090 • (666) 888-6653

10/105/109/113

Weather	Fog	Rain	Snow	Wind	Clear
None	<input type="checkbox"/>				
Light	<input type="checkbox"/>				
Moderate	<input type="checkbox"/>				
Heavy	<input type="checkbox"/>				

**REQUESTED SERVICES**  
(Use checkboxes below)

002179168

**CONTACT INFORMATION**

Company: M3 Environmental Consult      Address: 9821 Blue Larkspur Ln., Monterey CVA 93940

Contact: Chris Gatward      Special Instructions: email chris@m3environmental.com

Phone: 831.649.4623

**PROJECT INFORMATION**

**TURN AROUND TIME CODES (TAT)**

Project ID: 19314-D T-1

Project Description: US Longton - Watsonville

Project Zip Code: 95076

PO Number:

Sampling Date & Time: 6/7/19

Sampled By: CHS G

Sample ID: 0121

Rushes received after 2 pm or on weekends, will be considered received the next business day. Please alert us in advance of weekend analysis needs.

Sample ID	Description	Sample Type (below)	TAT (Above)	Total Volume / Area (as applicable)	Notes (Time of day, Temp, RH, etc.)
0121	Unit 112L 2nd Fl	ST	STD	75	1032 / 60/63
0118	Unit 117L 3rd Fl	ST	STD	75	1042
0082	Unit 113L 1st Fl	ST	STD	75	1106 / 61/64
0084	Unit 113L 2nd Fl	ST	STD	75	1102
0069	Unit 103 1st Fl	ST	STD	75	1112 / 61/63
0049	Unit 101 2nd Fl	ST	STD	75	1123 / 62/64
0106	Outdoors - 101L	ST	STD	75	1125 / 66/52

Non-Culturable	Spore Trap	Type Swab Bulk	Culturable										Other Requests				
			Biocassette™, Andersen, SAS, Swab, Water, Bulk, Dust, Soil, Contact Plates										Asbestos Analysis - PCM Airborne Fiber Count (NIOSH 7400)	Asbestos Analysis - PLM (EPA method 600/R-93-116)	PCR (specify test):		
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
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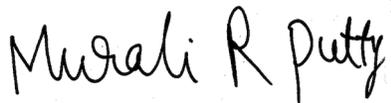
Report for:

**Mr. Chris Gatward**  
**M3 Environmental Consulting, LLC.**  
9821 Blue Larkspur Lane, Ste 100  
Monterey, CA 93940

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Regarding: Project: 193140 T-1; US Longton- Watsonville  
EML ID: 2179171

Approved by:



Technical Manager  
Murali Putty

Dates of Analysis:

Direct microscopic exam (Qualitative): 06-12-2019

Service SOPs: Direct microscopic exam (Qualitative) (EM-MY-S-1039)  
AIHA-LAP, LLC accredited service, Lab ID #102856

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All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank correction of results is not applied. The results relate only to the samples as received.

EMLab P&K ("the Company") shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

EMLab P&K's LabServe® reporting system includes automated fail-safes to ensure that all AIHA-LAP, LLC quality requirements are met and notifications are added to reports when any quality steps remain pending.

Client: M3 Environmental Consulting, LLC.  
 C/O: Mr. Chris Gatward  
 Re: 193140 T-1; US Longton- Watsonville

Date of Submittal: 06-07-2019  
 Date of Receipt: 06-10-2019  
 Date of Report: 06-12-2019

**DIRECT MICROSCOPIC EXAMINATION REPORT**

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 10347224-1, Analysis Date: 06/12/2019: Bulk sample 441S-6: 3rd Floor- WB/JC				
Drywall paper	Very few	4+ <i>Stachybotrys</i> species 1+ <i>Alternaria</i> species	None	Mold growth
Lab ID-Version: 10347225-1, Analysis Date: 06/12/2019: Bulk sample 4375-1: 3rd Floor- WB/JC				
Drywall paper	Very few	4+ <i>Cladosporium</i> species	None	Mold growth
Lab ID-Version: 10347226-1, Analysis Date: 06/12/2019: Bulk sample 130R-4: OSB Wall By Stairs- 1st				
Wood	Very few	1+ <i>Ulocladium</i> species	None	Mold growth
Lab ID-Version: 10347227-1, Analysis Date: 06/12/2019: Bulk sample 142R-8: OSB- 2nd				
Debris	Very few	4+ <i>Trichoderma</i> species	None	Mold growth
Lab ID-Version: 10347228-1, Analysis Date: 06/12/2019: Bulk sample 142R-9: OSB Wall 2nd				
Wood	Very few	4+ <i>Aureobasidium</i> species	None	Mold growth
Lab ID-Version: 10347229-1, Analysis Date: 06/12/2019: Bulk sample 122R-2: Stored Lumber 1st				
Wood	Very few	2+ Brown hyphae with no associated spores, ID unknown.	None	Mold growth
Lab ID-Version: 10347230-1, Analysis Date: 06/12/2019: Bulk sample 125L-2: Exterior OSB				
Wood	Very few	4+ <i>Cladosporium</i> species	None	Mold growth
Lab ID-Version: 10347231-1, Analysis Date: 06/12/2019: Bulk sample 129L-8: Exterior OSB				
Wood	Very few	4+ <i>Cladosporium</i> species	None	Mold growth
Lab ID-Version: 10347232-1, Analysis Date: 06/12/2019: Swab sample 130R-2: TGI 1st Floor				
Moderate	Very few	2+ <i>Cladosporium</i> species	None	Mold growth
Lab ID-Version: 10347233-1, Analysis Date: 06/12/2019: Swab sample 130R-3: Exterior OSB				
Moderate	Very few	4+ <i>Cladosporium</i> species	None	Mold growth
Lab ID-Version: 10347234-1, Analysis Date: 06/12/2019: Swab sample 130R-5: OSB Ceiling 1st				
Light	Very few	1+ <i>Cladosporium</i> species	None	Mold growth

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 10347235-1, Analysis Date: 06/12/2019: Swab sample 130R-6: Framing 2nd				
Light	Very few	1+ <i>Cladosporium</i> species	None	Mold growth
Lab ID-Version: 10347236-1, Analysis Date: 06/12/2019: Swab sample 130R-7: WB/JC Pile- 1st				
Light	Very few	3+ <i>Cladosporium</i> species 2+ <i>Penicillium/Aspergillus</i> group 1+ <i>Ulocladium</i> species	None	Mold growth
Lab ID-Version: 10347237-1, Analysis Date: 06/12/2019: Swab sample 113L-1: TGI- 1st				
Light	Very few	3+ <i>Cladosporium</i> species	None	Mold growth
Lab ID-Version: 10347238-1, Analysis Date: 06/12/2019: Swab sample 113L-2: Edge Of OSB 2nd				
Light	Very few	2+ <i>Cladosporium</i> species	None	Mold growth
Lab ID-Version: 10347239-1, Analysis Date: 06/12/2019: Swab sample 109L-3: OSB Stairs				
Light	Very few	2+ <i>Ulocladium</i> species 1+ <i>Cladosporium</i> species	None	Mold growth
Lab ID-Version: 10347240-1, Analysis Date: 06/12/2019: Swab sample 105L-4: Stained TGI 1st				
Light	Very few	1+ <i>Cladosporium</i> species	None	Mold growth
Lab ID-Version: 10347241-1, Analysis Date: 06/12/2019: Swab sample 101L-5: TGI- 2nd				
Moderate	Very few	3+ <i>Cladosporium</i> species 1+ <i>Ulocladium</i> species	None	Mold growth
Lab ID-Version: 10347242-1, Analysis Date: 06/12/2019: Swab sample 101L-6: Exterior OSB				
Light	Very few	3+ <i>Cladosporium</i> species	None	Mold growth
Lab ID-Version: 10347243-1, Analysis Date: 06/12/2019: Swab sample 125L-1: Framing 1st				
Moderate	None	3+ <i>Cladosporium</i> species 2+ <i>Penicillium/Aspergillus</i> group	None	Mold growth
Lab ID-Version: 10347244-1, Analysis Date: 06/12/2019: Swab sample 121L-3: WB/JC Debris- 2nd				
Moderate	Very few	2+ <i>Cladosporium</i> species 1+ <i>Alternaria</i> species	None	Mold growth
Lab ID-Version: 10347245-1, Analysis Date: 06/12/2019: Swab sample 121L-4: OSB Floor 2nd				
Light	Very few	2+ <i>Ulocladium</i> species 1+ <i>Penicillium/Aspergillus</i> group	None	Mold growth
Lab ID-Version: 10347246-1, Analysis Date: 06/12/2019: Swab sample 121L-5: TGI- 1st				
Light	Very few	4+ <i>Cladosporium</i> species	None	Mold growth
Lab ID-Version: 10347247-1, Analysis Date: 06/12/2019: Swab sample 117L-6: Framing- 1st				
Light	Very few	1+ <i>Penicillium/Aspergillus</i> group	None	Mold growth

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 10347248-1, Analysis Date: 06/12/2019: Swab sample 117L-7: Stored WB/JC- 3rd				
Moderate	Very few	2+ <i>Cladosporium</i> species 1+ <i>Penicillium/Aspergillus</i> group	None	Mold growth
Lab ID-Version: 10347249-1, Analysis Date: 06/12/2019: Swab sample 141L-2: TGI- 1st				
Moderate	Very few	4+ <i>Cladosporium</i> species	None	Mold growth
Lab ID-Version: 10347250-1, Analysis Date: 06/12/2019: Swab sample 141L-1: TGI- 2nd				
Light	Very few	3+ <i>Cladosporium</i> species 1+ <i>Alternaria</i> species	None	Mold growth
Lab ID-Version: 10347251-1, Analysis Date: 06/12/2019: Swab sample 141L-3: Framing- 3rd				
Light	Very few	2+ <i>Cladosporium</i> species	None	Mold growth
Lab ID-Version: 10347252-1, Analysis Date: 06/12/2019: Swab sample 137L-4: OSB By Stairs- 2nd				
Light	Very few	1+ <i>Cladosporium</i> species 1+ <i>Penicillium/Aspergillus</i> group	None	Mold growth
Lab ID-Version: 10347253-1, Analysis Date: 06/12/2019: Swab sample 137L-5: WB/JC- 3rd				
Moderate	Very few	1+ <i>Cladosporium</i> species	None	Mold growth
Lab ID-Version: 10347254-1, Analysis Date: 06/12/2019: Swab sample 129L-6: Framing- 1st				
Light	Very few	1+ <i>Graphium</i> species	None	Mold growth
Lab ID-Version: 10347255-1, Analysis Date: 06/12/2019: Swab sample 129L-7: WB/JC- 3rd				
Light	Very few	3+ <i>Alternaria</i> species 2+ <i>Cladosporium</i> species	None	Mold growth
Lab ID-Version: 10347256-1, Analysis Date: 06/12/2019: Tape sample 441S-1: TGI-Bottom-Garage				
Heavy	Very few	None	None	Normal trapping
Lab ID-Version: 10347257-1, Analysis Date: 06/12/2019: Tape sample 441S-2: 2 And 4-Stud-Garage				
Heavy	Very few	4+ <i>Graphium</i> species	None	Mold growth
Lab ID-Version: 10347258-1, Analysis Date: 06/12/2019: Tape sample 441S-3: OSB- Exterior				
Moderate	Very few	4+ <i>Cladosporium</i> species	None	Mold growth
Lab ID-Version: 10347259-1, Analysis Date: 06/12/2019: Tape sample 441S-4: 2nd Floor Balcony				
Very Heavy	Variety	None	None	Normal trapping
Lab ID-Version: 10347260-1, Analysis Date: 06/12/2019: Tape sample 441S-5: 2nd Floor- Stud By Stairs				
Heavy	Very few	4+ <i>Graphium</i> species	None	Mold growth

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 10347261-1, Analysis Date: 06/12/2019: Tape sample 437S-2: OSB Floor- 2nd Floor				
Moderate	Very few	4+ <i>Stachybotrys</i> species	None	Mold growth
Lab ID-Version: 10347474-1, Analysis Date: 06/12/2019: Tape sample 437S-3: OSB Edge- Garage Entry				
Heavy	Very few	4+ <i>Cladosporium</i> species	None	Mold growth
Lab ID-Version: 10347475-1, Analysis Date: 06/12/2019: Tape sample 433S-1: Framing- Garage				
Heavy	Very few	3+ <i>Ceratocystis / Ophiostoma</i> group 2+ <i>Cladosporium</i> species 2+ <i>Graphium</i> species	None	Mold growth
Lab ID-Version: 10347476-1, Analysis Date: 06/12/2019: Tape sample 433S-3: OSB Floor- 2nd Story				
Heavy	Very few	1+ <i>Alternaria</i> species	None	Mold growth
Lab ID-Version: 10347477-1, Analysis Date: 06/12/2019: Tape sample 433S-2: OSB Wall At Stairs				
Very Heavy	Very few	None	None	Normal trapping
Lab ID-Version: 10347478-1, Analysis Date: 06/12/2019: Tape sample 433S-4: Moldy OSB Edge Stairs				
Heavy	Very few	None	None	Normal trapping
Lab ID-Version: 10347479-1, Analysis Date: 06/12/2019: Tape sample 433S-5: WB/JC Parly Wall- 3rd Floor				
Heavy	Very few	4+ <i>Cladosporium</i> species 1+ <i>Alternaria</i> species	None	Mold growth
Lab ID-Version: 10347480-1, Analysis Date: 06/12/2019: Tape sample 129S-1: Framing At Garage				
Heavy	Very few	4+ <i>Graphium</i> species	None	Mold growth
Lab ID-Version: 10347481-1, Analysis Date: 06/12/2019: Tape sample 429S-2: OSB Floor 3rd				
Moderate	Very few	4+ <i>Ulocladium</i> species	None	Mold growth
Lab ID-Version: 10347482-1, Analysis Date: 06/12/2019: Tape sample 429S-3: WB/JC Debris- 2nd				
Heavy	Very few	None	None	Normal trapping
Lab ID-Version: 10347483-1, Analysis Date: 06/12/2019: Tape sample 429S-4: OSB Floor 3rd				
Heavy	Very few	1+ <i>Penicillium/Aspergillus</i> group	None	Mold growth
Lab ID-Version: 10347484-1, Analysis Date: 06/12/2019: Tape sample 102R1-1: OSB Exterior				
Heavy	Very few	4+ <i>Cladosporium</i> species	None	Mold growth
Lab ID-Version: 10347485-1, Analysis Date: 06/12/2019: Tape sample 102R-2: WB/JC Stack				
Moderate	Very few	4+ <i>Stachybotrys</i> species 2+ <i>Acremonium</i> species 2+ <i>Penicillium/Aspergillus</i> group	None	Mold growth

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 10347486-1, Analysis Date: 06/12/2019: Tape sample 110R-3: TJI 2nd Floor Moderate	Very few	4+ <i>Cladosporium</i> species	None	Mold growth
Lab ID-Version: 10347487-1, Analysis Date: 06/12/2019: Tape sample 114R-4: OSB Floor- 2nd Heavy	Very few	1+ <i>Cladosporium</i> species	None	Mold growth
Lab ID-Version: 10347488-1, Analysis Date: 06/12/2019: Tape sample 114R-5: OSO Edges- Stairs Very Heavy	Very few	None	None	Normal trapping
Lab ID-Version: 10347489-1, Analysis Date: 06/12/2019: Tape sample 110R-6: Pile Of Headers Heavy	Very few	1+ <i>Ulocladium</i> species	None	Mold growth
Lab ID-Version: 10347490-1, Analysis Date: 06/12/2019: Tape sample 102-7: TJI End Moderate	Very few	4+ <i>Cladosporium</i> species	None	Mold growth
Lab ID-Version: 10347491-1, Analysis Date: 06/12/2019: Tape sample 130R-1: 1st Floor Framing Moderate	Very few	4+ <i>Ceratocystis / Ophiostoma</i> group	None	Mold growth
Lab ID-Version: 10347492-1, Analysis Date: 06/12/2019: Tape sample 118R-1: Exterior OSB Moderate	Very few	4+ <i>Cladosporium</i> species	None	Mold growth
Lab ID-Version: 10347493-1, Analysis Date: 06/12/2019: Tape sample 118R-3: TJI 1st Moderate	Very few	4+ <i>Cladosporium</i> species	None	Mold growth
Lab ID-Version: 10347494-1, Analysis Date: 06/12/2019: Tape sample 118R-4: Framing 1st Heavy	Very few	None	None	Normal trapping
Lab ID-Version: 10347495-1, Analysis Date: 06/12/2019: Tape sample 122R-5: Framing 1st Heavy	Very few	3+ <i>Graphium</i> species	None	Mold growth
Lab ID-Version: 10347496-1, Analysis Date: 06/12/2019: Tape sample 122R-6: WB/JC- 3rd Heavy	Very few	4+ <i>Cladosporium</i> species	None	Mold growth
Lab ID-Version: 10347497-1, Analysis Date: 06/12/2019: Tape sample 126R-7: Framing Heavy	Very few	4+ <i>Graphium</i> species	None	Mold growth

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 10347511-1, Analysis Date: 06/12/2019: Tape sample 126R-8: OSB Wall By Steps				
Moderate	Very few	4+ <i>Ulocladium</i> species 1+ <i>Graphium</i> species	None	Mold growth

\* Indicative of normal conditions, i.e. seen on surfaces everywhere. Includes basidiospores (mushroom spores), myxomycetes, plant pathogens such as ascospores, rusts and smuts, and a mix of saprophytic genera with no particular spore type predominating. Distribution of spore types seen mirrors that usually seen outdoors.

† Quantities of molds seen growing are listed in the MOLD GROWTH column and are graded <1+ to 4+, with 4+ denoting the highest numbers.

†† Some comments may refer to the following: Most surfaces collect a mix of spores which are normally present in the outdoor environment. At times it is possible to note a skewing of the distribution of spore types, and also to note "marker" genera which may indicate indoor mold growth. Marker genera are those spore types which are present normally in very small numbers, but which multiply indoors when conditions are favorable for growth.

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".  
The limit of detection is < 1+ when mold growth is detected.

Client: M3 Environmental Consulting, LLC.  
 C/O: Mr. Chris Gatward  
 Re: 193140 T-1; US Longton- Watsonville

Date of Submittal: 06-07-2019  
 Date of Receipt: 06-10-2019  
 Date of Report: 06-12-2019

**Mold/Fungal Growth Rating Details**

Growth Rating	Quantities of molds indicating growth are listed in the MOLD/FUNGAL GROWTH section. Judgement is used in determining the amount of growth present in the sample. For example, if only one portion of the sample has evidence of heavy growth, then it will receive a rating of heavy growth even though, strictly speaking, on a percentage basis of the entire sample, the amount of growth is low.	
	Swab/Tape/Dust/Wipe sample	Bulk Sample
< 1+ (Very Light Growth)	Evidence of very light growth observed on the sample as indicated by spores of one type seen with underlying mycelial and/or with their sporulating structures found in less than 10% of the microscopic fields examined.	Areas of very light growth detected by the presence of spores of one type seen with underlying mycelial and/or with their sporulating structures in the bulk sample.
1+ (Light Growth)	Evidence of light growth observed on the sample as indicated by spores of one type seen with underlying mycelial and/or with their sporulating structures found in 10 to 25% of the microscopic fields examined.	Areas of light growth detected by the presence of spores of one type seen with underlying mycelial and/or with their sporulating structures in the bulk sample.
2+ (Moderate Growth)	Evidence of moderate growth observed on the sample as indicated by spores of one type seen with underlying mycelial and/or with their sporulating structures found in 26 to 50% of the microscopic fields examined.	Areas of moderate growth detected by the presence of spores of one type seen with underlying mycelial and/or with their sporulating structures in the bulk sample.
3+ (Heavy Growth)	Evidence of heavy growth observed on the sample as indicated by spores of one type seen with underlying mycelial and/or with their sporulating structures found in 51 to 75% of the microscopic fields examined.	Areas of heavy growth detected by the presence of spores of one type seen with underlying mycelial and/or with their sporulating structures in the bulk sample.
4+ (Very Heavy Growth)	Evidence of very heavy growth observed on the sample as indicated by spores of one type seen with underlying mycelial and/or with their sporulating structures found to be nearly confluent in the majority of the microscopic fields examined.	Areas of very heavy growth detected by the presence of spores of one type seen with underlying mycelial and/or with their sporulating structures in the bulk sample.

**Miscellaneous Spores**

Slides/specimens are examined for the presence of mold spores and pollen, noting the quantities and distribution of spore types found. A designation of 'normal trapping' is made when a mix of spore types is present with the same general distribution as is usually found outdoors. In other words, the biological component of the sample surface is like that found everywhere. Types of spores present would include basidiospores (mushroom spores), myxomycetes (slime molds), plant pathogens such as ascospores, rusts and smuts, and a mix of saprophytic genera with no particular spore type predominating. Many of these spore types would not be found growing indoors on building materials since many plant pathogens require living plants for growth, and mushrooms require compost, leaf duff of various types, or associations with roots of certain trees, etc. Due to these factors, when a mix of spores seen include these types as well as pollen, the rational source is the outside air, rather than indoor mold growth. The numbers of miscellaneous spores seen are graded and described as shown below as none, very few, few, variety, and wide variety.

None	Very Few	Few	Variety	Wide Variety
No spores detected	Very few spores detected	A few spores detected	Many spores containing a variety of different genera detected	Many spores containing a wide variety of different genera detected



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Weather	Fog	Rain	Snow	Wind	Clear
None	<input type="checkbox"/>				
Light	<input type="checkbox"/>				
Moderate	<input type="checkbox"/>				
Heavy	<input type="checkbox"/>				

**REQUESTED SERVICE**  
(Use checkboxes below)

002179171

**CONTACT INFORMATION**  
Company: M3 Environmental Consult  
Contact: Chris Gatward  
Phone: 831.649.4623  
Address: 9821 Blue Larkspur Ln., Monterey CVA 93940  
Special Instructions: email chris@m3environmental.com

**PROJECT INFORMATION**  
Project ID:  
Project Description:  
Project Zip Code:  
PO Number:  
Sample ID

**TURN AROUND TIME CODES (TAT)**  
STD - Standard (DEFAULT)  
ND - Next Business Day  
SD - Same Business Day Rush  
WH - Weekend / Holiday

Sample ID	Description	Sample Type (Below)	TAT (Above)	Total Volume / Area (as applicable)	Notes (Time of day, Temp, RH, etc.)
4338-2	OSB Wall @ Stairs	T	STD		
4335-4	Moldy OSB edge Stairs				
4335-5	WPLT poly wall - 3rd floor				
4295-1	Framing @ garage				
4295-2	OSB Floor - 2nd story				
4295-3	WRLTs deck - 2nd				
4295-4	OSB Floor 3rd				
4295-5	OSB Floor 3rd				
4295-6	OSB Floor 3rd				
4295-7	OSB Floor 3rd				
4295-8	OSB Floor 3rd				
4295-9	OSB Floor 3rd				
4295-10	OSB Floor 3rd				
4295-11	OSB Floor 3rd				
4295-12	OSB Floor 3rd				
4295-13	OSB Floor 3rd				
4295-14	OSB Floor 3rd				
4295-15	OSB Floor 3rd				
4295-16	OSB Floor 3rd				
4295-17	OSB Floor 3rd				
4295-18	OSB Floor 3rd				
4295-19	OSB Floor 3rd				
4295-20	OSB Floor 3rd				
4295-21	OSB Floor 3rd				
4295-22	OSB Floor 3rd				
4295-23	OSB Floor 3rd				
4295-24	OSB Floor 3rd				
4295-25	OSB Floor 3rd				
4295-26	OSB Floor 3rd				
4295-27	OSB Floor 3rd				
4295-28	OSB Floor 3rd				
4295-29	OSB Floor 3rd				
4295-30	OSB Floor 3rd				
4295-31	OSB Floor 3rd				
4295-32	OSB Floor 3rd				
4295-33	OSB Floor 3rd				
4295-34	OSB Floor 3rd				
4295-35	OSB Floor 3rd				
4295-36	OSB Floor 3rd				
4295-37	OSB Floor 3rd				
4295-38	OSB Floor 3rd				
4295-39	OSB Floor 3rd				
4295-40	OSB Floor 3rd				
4295-41	OSB Floor 3rd				
4295-42	OSB Floor 3rd				
4295-43	OSB Floor 3rd				
4295-44	OSB Floor 3rd				
4295-45	OSB Floor 3rd				
4295-46	OSB Floor 3rd				
4295-47	OSB Floor 3rd				
4295-48	OSB Floor 3rd				
4295-49	OSB Floor 3rd				
4295-50	OSB Floor 3rd				
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4295-81	OSB Floor 3rd				
4295-82	OSB Floor 3rd				
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4295-89	OSB Floor 3rd				
4295-90	OSB Floor 3rd				
4295-91	OSB Floor 3rd				
4295-92	OSB Floor 3rd				
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4295-97	OSB Floor 3rd				
4295-98	OSB Floor 3rd				
4295-99	OSB Floor 3rd				
4295-100	OSB Floor 3rd				

**SAMPLE TYPE CODES**  
BC - Biocassette™  
A1S - Anderson  
SAS - Surface Air Sampler  
CP - Contact Plate  
ST - Spore Trap; Zefon, Allergenco, Burkard ...  
P - Portable Water  
NP - Non-Portable Water  
T - Tape  
SW - Swab  
B - Bulk  
O - Other  
D - Dust  
SO - Soil

**RELINQUISHED BY** \_\_\_\_\_ **DATE & TIME** \_\_\_\_\_

**RECEIVED BY** *[Signature]* **DATE & TIME** \_\_\_\_\_

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 SF, CA: 8000 Shoreline Court, Suite 205, South San Francisco, CA 94080 • (866) 888-6633

Weather	Fog	Rain	Snow	Wind	Clear
None	<input type="checkbox"/>				
Light	<input type="checkbox"/>				
Moderate	<input type="checkbox"/>				
Heavy	<input type="checkbox"/>				

**CONTACT INFORMATION**

Company: **M3 Environmental Consult** Address: 9821 Blue Lakespur Ln., Monterey CVA 93940  
 Contact: **Chris Gatward** Special Instructions:  
 Phone: 831.649.4623 email [chris@m3environmental.com](mailto:chris@m3environmental.com)

**PROJECT INFORMATION**

Project ID: 19314.0 T-1  
 Project Description: US Longfellow - Watsonville  
 Project Zip Code: 95076  
 PO Number:  
 Sampled By: CHRS G

**TURN AROUND TIME CODES (TAT)**

STD - Standard (DEFAULT)  
 ND - Next Business Day  
 SD - Same Business Day Rush  
 WH - Weekend / Holiday

Rushes received after 2 pm on weekends, will be considered received the next business day. Please alert us in advance of weekend analysis needs.

Sample ID	Description	Sample Type (Below)	TAT (Above)	Total Volume / Area (as applicable)	Notes (Time of day, Temp, RH, etc.)
114R-5	650 edges - stairs	T	STD		
102-7	Pile of headers	T			
130R-1	TJI end				
130R-2	Floor framing	↓			
130R-3	T&I 1st floor				
130R-4	Exterior OSB	SW ↓		40 cm x 2	
130R-5	OSB Wall of stairs - 1st	B			
130R-6	OSB ceiling 1st	B			
139R-7	framing 2nd	SW ↓		40 cm x 2	
142R-8	WB/TC Pile - 1st	B			
	OSB - 2nd	B			

BC - BioCassette™	SAMPLE TYPE CODES				REINQUISHED BY	DATE & TIME	RECEIVED BY	DATE & TIME
	ST - Spore Trap, Zefon, Allergenco, Burkard ...	T - Tape	D - Dust	SO - Soil				
A1S - Anderson								
SAS - Surface Air Sampler	P - Potable Water	B - Bulk						
CP - Contact Plate	NP - Non-Potable Water	O - Other:						

**REQUESTED SER**  
(Use checkboxes by)

002179171



Non-Culturable	Culturable	Other Requests
Spore Trap	BioCassette™, Anderson, SAS, Swab, Water, Bulk, Dust, Soil, Contact Plates	
Tape Swab		
Bulk		
	1-Media Surface Fungi (Genus ID + Asp. spp.)	
	2-Media Surface Fungi (Genus ID + Asp. spp.)	
	3-Media Surface Fungi (Genus ID + Asp. spp.)	
	Culturable Air Fungi (Genus ID + Asp. spp.)	
	Gram Stain & Counts (Culturable Air & Surface Bacteria)	
	Legionella culture	
	Total Coliform, E. coli (Presence/Absence)	
	Membrane Filtration (specify organism):	
	MPN Bacteria (specify organism):	
	QuantTray - Sewage Screen	
	Asbestos Analysis - PCM Airborne Fiber Count (NIOSH 7400)	
	Asbestos Analysis - PLM (EPA method 600/R-93-116)	
	PCR (specify test):	

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San Bruno, CA: 1150 Bayhill Drive, #100, San Bruno, CA 94066 • (866) 888-6633

Weather	Fog	Rain	Snow	Wind	Clear
None	<input type="checkbox"/>				
Light	<input type="checkbox"/>				
Moderate	<input type="checkbox"/>				
Heavy	<input type="checkbox"/>				

REQUESTED SERVICES 002179171  
(Use checkboxes below)



CONTACT INFORMATION

Company: M3 Environmental Consulting  
 Contact: Alex Superko  
 Phone: 831.917.0797 1st, 831.649-4623, 2nd  
 Address: 9821 Blue Larkspur Ln., Monterey CA  
 Special Instructions: Please e-mail results to Alex@M3Environmental.com

PROJECT INFORMATION

Project ID: 19314.0 - T1  
 Project Description: US Longlton - Watsonville  
 Project Zip Code: [blank]  
 PO Number: [blank]  
 Sampling Date & Time: [blank]  
 Sampled By: [blank]

TURN AROUND TIME CODES (TAT)

STD - Standard (DEFAULT)  
 ND - Next Business Day  
 SD - Same Business Day Rush  
 WH - Weekend / Holiday

Sample ID	Description	Sample Type (Below)	TAT (Above)	Total Volume / Area (as applicable)	Notes (Time of day, Temp, RH, etc.)
142-R9	OSB Wall 2nd	B	STD		
118-R-1	Extender OSB	T			
122-R-2	Stored lumber 2nd	B			
168-R-3	TJI 1st	T			
118-R-4	framing 1st	T			
122-R-5	framing 1st	T			
122-R-6	WBITE ~ 3rd	T			
126-R-7	framing	T			
126-R-8	OSB wall 4 steps	T			
113L-1	T&F - 1st	Swg		40 cm <sup>2</sup>	
113L-2	Edge of OSB 2nd	Swg			

Non-Culturable	Culturable		Other Requests
	Spore Trap	Tape Swab Bulk	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Fungi - Spore Trap Analysis
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Spore Trap Analysis - Other particles
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Direct Microscopic Exam (Qualitative)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Quantitative Spore Count Direct Exam
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1-Media Surface Fungi (Genus ID + Asp. spp.)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2-Media Surface Fungi (Genus ID + Asp. spp.)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3-Media Surface Fungi (Genus ID + Asp. spp.)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Culturable Air Fungi (Genus ID + Asp. spp.)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Gram Stain & Counts (Culturable Air & Surface Bacteria)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Legionella culture
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Total Coliform, E. coli (Presence/Absence)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Membrane Filtration (specify organism):
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	MPN Bacteria (specify organism):
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	QuantTray - Sewage Screen
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asbestos Analysis - PCM Airborne Fiber Count (NIOSH 7400)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asbestos Analysis - PLM (EPA method 600/R-93-116)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	PCR (specify test):

SAMPLE TYPE CODES		RELINQUISHED BY		DATE & TIME
BC - BioCassette™	ST - Spore Trap; Zelen, Allergenco, Burkard ...	T - Tape	D - Dust	
A18 - Anderson		SW - Swab	SO - Soil	
SAS - Surface Air Sampler	P - Potable Water	B - Bulk		
CP - Contact Plate	NP - Non-Potable Water	O - Other:		

RECEIVED BY: *[Signature]* DATE & TIME: *6/10/12*

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**CHAIN OF CUSTODY**  
www.EMLabPK.com



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San Bruno, CA: 1150 Bayhill Drive, #100, San Bruno, CA 94066 • (866) 898-6553

Weather	Fog	Rain	Snow	Wind	Clear
None	<input type="checkbox"/>				
Light	<input type="checkbox"/>				
Moderate	<input type="checkbox"/>				
Heavy	<input type="checkbox"/>				

**CONTACT INFORMATION**

Company: **M3 Environmental Consulting** Address: **9821 Blue Larkspur Ln., Monterey CA**  
 Contact: **Alex Superko** Special Instructions:  
 Phone: **831.917.0797 1st, 831.649-4623, 2nd** Please e-mail results to **Alex@M3Environmental.com**

**PROJECT INFORMATION**

Project ID: **19314.0 - T1**  
 Project Description: **US Longbton - Watsonville**  
 Project Zip Code:  
 PO Number:  
 Sampled By:

**TURN AROUND TIME CODES (TAT)**

STD - Standard (DEFAULT)  
 ND - Next Business Day  
 SD - Same Business Day Rush  
 WH - Weekend / Holiday

Rushes received after 2 pm or on weekends, will be considered received the next business day. Please alert us in advance of weekend analysis needs.

Sample ID	Description	Sample Type (below)	TAT (Above)	Total Volume / Area (as applicable)	Notes (Time of day, Temp, RH, etc.)
1412-2	TGI - 1st	SW	STD	1600m <sup>2</sup>	
1412-1	TGI - 2nd	SW	STD	1600m <sup>2</sup>	
1412-3	Framing - 3rd	SW	STD	1600m <sup>2</sup>	
1374-9	OSBY STRIPS - 2nd	SW	STD	1600m <sup>2</sup>	
1374-5	WB/SC - 3rd	SW	STD	1600m <sup>2</sup>	
1292-6	Framing - 1st	SW	STD	1600m <sup>2</sup>	
1292-7	WB/SC - 3rd	SW	STD	1600m <sup>2</sup>	
1292-8	EXHIBIT OSB	B	STD	1600m <sup>2</sup>	

**SAMPLE TYPE CODES**

BC - BioCassette™	ST - Spore Trap, Zefon, Allergenco, Burkard ...	T - Tape	D - Dust
A1S - Anderson	P - Portable Air Sampler	SW - Swab	SO - Soil
CP - Contact Plate	NP - Non-Portable Water	B - Bulk	O - Other

**RELINQUISHED BY**

**DATE & TIME**

**RECEIVED BY**

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RECEIVED BY: *W. Chuliga*

**REQUESTED SERVICE**  
(Use checkboxes below)

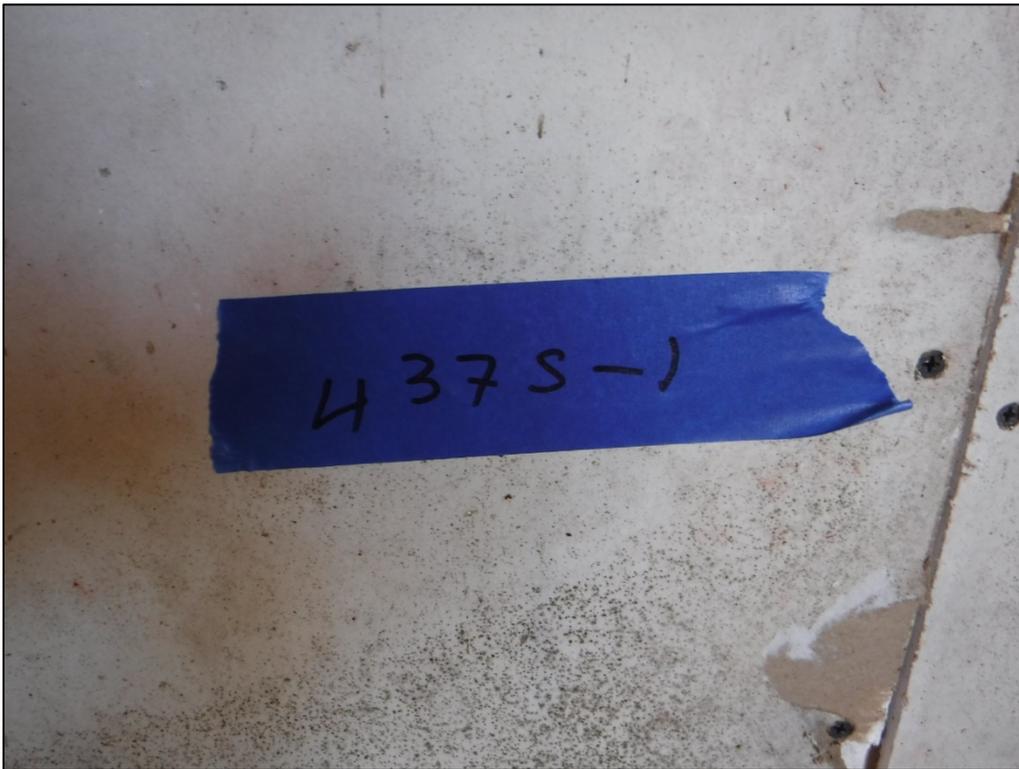
Requested Service	Non-Culturable		Culturable										Other Requests		
	Spore Trap	Bulk	1-Media Surface Fungi (Genus ID + Asp. spp.)	2-Media Surface Fungi (Genus ID + Asp. spp.)	3-Media Surface Fungi (Genus ID + Asp. spp.)	Culturable Air Fungi (Genus ID + Asp. spp.)	Gram Stain & Counts (Culturable Air & Surface Bacteria)	Legionella culture	Total Coliform, E. coli (Presence/Absence)	Membrane Filtration (specify organism):	MPN Bacteria (specify organism):	QuantTray - Sewage Screen	Asbestos Analysis - PCM Airborne Fiber Count (NIOSH 7400)	Asbestos Analysis - PLM (EPA method 600/R-93-116)	PCR (specify test):
Fungi - Spore Trap Analysis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Spore Trap Analysis - Other particles	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Direct Microscopic Exam (Qualitative)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Quantitative Spore Count Direct Exam	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1-Media Surface Fungi (Genus ID + Asp. spp.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2-Media Surface Fungi (Genus ID + Asp. spp.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3-Media Surface Fungi (Genus ID + Asp. spp.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Culturable Air Fungi (Genus ID + Asp. spp.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gram Stain & Counts (Culturable Air & Surface Bacteria)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Legionella culture	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Total Coliform, E. coli (Presence/Absence)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Membrane Filtration (specify organism):	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MPN Bacteria (specify organism):	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
QuantTray - Sewage Screen	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Asbestos Analysis - PCM Airborne Fiber Count (NIOSH 7400)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Asbestos Analysis - PLM (EPA method 600/R-93-116)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PCR (specify test):	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



***Appendix B***  
***Photographs***



**Building 1**



**Building 1: Mold on WB wall.**



**Building 1: Moldy framing**



**Building 2**



**Building 2: Mold WB party wall.**



**Building 2: Air sampling conducted in building 2.**



**Building 3**



**Building 3: Air sampling conducted in building 3.**



**Building 3: Moldy WB stored in building 3.**



**Building 4.**



**Building 4: Sampling conducted in building 4.**



**Building 4: Mold growth on stored lumber (possible Poria).**



**Building 5.**



**Building 5: Water staining and mold growth.**



**Building 5: Mold growth on OSB flooring.**



**Building 6.**



**Building 6: Moldy joist.**



**Building 6: Moldy WB party wall**



**Building 7: Moldy WB & bird feces**



**Building 7: Moldy beam**



**Building 7: moldy lumber.**



**Building 8**



**Building 8: Stained framing.**



**Building 8: Stained edge of OSB.**



**Construction supplies stored outside.**



**Construction supplies stored outside.**