



November 24, 2025

E-mail: BQueen@calstatela.edu

Ms. Barbara L. Queen
Planning, Design, & Construction
California State University, Los Angeles (CSULA)
5151 State University Dr.
Los Angeles, CA 90032

Re: Microbiological Ambient Air Sampling – Monitoring
Biological Sciences Building
1st Floor – 3rd Floor – Unaffected Offices Within the Enclosed Areas
5151 State University Dr.
Los Angeles, CA 90032

GETC Project No. E225-281

Dear Ms. Queen:

Global Environmental Training & Consulting, Inc. (GETC) was retained at the request of the California State University, Los Angeles (CSULA) to perform Microbiological Ambient Air Sampling of the above referenced property. The Following is the Summary of the air sampling results and recommendations for this project.

Thank you for choosing GETC as the consultant for this project. If you have any questions, or if we can be of service again in the future, please do not hesitate to contact our office at (626) 962-4436.

Respectfully submitted,
Global Environmental Training & Consulting, Inc.



Mario Virgen, Certified Mold Assessor

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1.0 EXECUTIVE SUMMARY

1.1 GENERAL INFORMATION

Global Environmental Training & Consulting, Inc. (GETC) was retained by the California State University, Los Angeles (CSULA) to conduct Microbiological Ambient Air Sampling at the Biological Sciences Building – 1st Floor – 3rd Floor located at 5151 State University Dr., in Los Angeles, California.

1.2 TASKS & SAMPLING TABLES

GETC performed Microbiological Ambient Air Sampling that included the following tasks:

- 1) Air Sampling & Analysis of Microbiological / Fungal Spores

AIR SAMPLING TABLE

SAMPLE №	SPORES / m ³										TOTAL NUMBERS SPORES/m ³
	ALTERNARIA	ASCOSPORES	BASIDIOSPORES	BOTRYTIS	CLADOSPORIUM	EPICOCOCCUM	PENICILLIUM/ASPERGILLUS TYPES	SMUTS, MYXOMYCETES	TORULA	PYRICULARIA	
A-31 1 st Floor Corridor Next to Room 129	7	-	7	-	33	-	-	7	-	-	<u>54</u>
A-32 1 st Floor Room 111	-	-	13	-	27	-	-	-	-	-	<u>40</u>
A-33 2 nd Floor Corridor Next to Room 231	-	-	13	-	13	-	-	7	-	-	<u>33</u>
A-34 2 nd Floor Room 212	-	-	7	-	20	-	-	-	-	-	<u>27</u>
A-35 3 rd Floor Corridor Next to Room 310	-	-	7	-	13	-	-	-	-	-	<u>20</u>
A-36 3 rd Floor Room 310A	-	-	-	-	13	-	-	-	-	-	<u>13</u>
A-37 Outside (Background)	27	20	207	7	247	13	60	33	7	7	<u>628</u>

2.0 INTRODUCTION

This report presents the findings of the Microbiological Air Sampling performed for the Biological Sciences Building – 1st Floor – 3rd Floor located at 5151 State University Dr., in Los Angeles, California.

2.1 Authorization

Authorization to perform the Microbiological Ambient Air Sampling was given by the California State University, Los Angeles (CSULA) representative Ms. Barbara L. Queen.

2.2 Purpose

The purpose of the Microbiological Ambient Air Sampling was to identify any suspect Microbiological / Fungal Spores throughout the unaffected offices of the enclosed areas of the 1st Floor through the 3rd Floor.

2.3 Scope of Services

GETC's services for this Microbiological Ambient Air Sampling were comprised of the following task:

1. Air Sampling

Details on the methods used for the tasks listed in the scope of work are given in the Section 3.0 Methodology.

3.0 METHODOLOGY

This section includes the description of the methodologies used to perform the Microbiological Ambient Air Sampling. These methodologies include Air Sampling and Analysis.

3.1 Microbiological Ambient Air Sampling

- Collect and submit for analysis Air samples for Microbiological/Fungal Spores within the Biological Sciences Building – 1st Floor – 3rd Floor.

3.2 Sampling Procedures and Analysis

Sampling Procedure

The inspector collected Seven (7) Air samples for Microbiological spores. Sampling was limited to the Biological Sciences Building – 1st Floor – 3rd Floor located at 5151 State University Dr., in Los Angeles, California.

EPA guidelines were used to determine the sampling protocol. Sampling locations were chosen to be representative of the unit.

The samples were numbered and shipped to a laboratory accredited under the American Industrial Hygiene Association (AIHA) and Environmental Microbiology Proficiency Analytical Sampling Program (EMPAT).

Chain-of-Custody Procedures

Chain-of-Custody documents possession of the samples from the time they are collected until they have been analyzed and are stored. Custody documentation must be followed whenever materials are received, collected, transferred, stored, analyzed, or destroyed.

The original Chain-of-Custody is to accompany the materials at all times. Custody documentation will begin at the time a sample is collected. Each transferor should retain a copy of the Chain-of-Custody record.

Laboratory Quality Control Program

Pasteur Laboratory maintains an in-house quality control program. This program involves reanalysis of a minimum of ten percent of all samples, precision and accuracy controls, use of standard bulk reference materials, maintenance of national and state accreditation, participation in external and internal proficiency Sampling programs, and confirmation of analyst experience and qualifications in compliance with specific internal training and competency requirements. Additionally, all quality assurance/quality control and operational procedures are documented in manual form and retained on site as reference materials for all analytical staff.

3.3 Report Format

This report has been organized in a manner that represents the data in several forms to best suit the needs of the building owner. The “Executive Summary” provides a description of the facility and analytical results for each suspect material. The “Findings” describe the materials found and provides recommendations. The “Materials Spreadsheets”, Appendix A, contains detailed information on the locations of the areas sampled. The “Analytical Report”, Appendix B, is a listing of samples taken and their mold content.

4.0 FINDINGS AND RECOMMENDATIONS

4.1 General Summary

On November 21, 2025, Global Environmental Training and Consulting, Inc. performed Microbiological Air Sampling at the Biological Sciences Building – 1st Floor – 3rd Floor located at 5151 State University Dr., in Los Angeles, California. Air sampling results concluded that the current levels of spore counts found in all indoor samples are below the outdoors (background) Sample #A-31.

Complete sampling and analysis of suspect mold spores are given in Appendix B.

4.2 Recommendations

Global Environmental Training & Consulting, Inc. (GETC) has reviewed the results of the air samples and has no other recommendations at this time.

5.0 WARRANTY

The field and laboratory results reported herein are considered sufficient in detail and scope to determine the presence of microbiological airborne spores in the Biological Sciences Building – 1st Floor – 3rd Floor. Global Environmental Training & Consulting, Inc. warrants that the findings contained herein have been prepared in general accordance with accepted professional practices at the time of its preparation as applied by similar professionals in the community. Changes in the state of the art or in applicable regulations cannot be anticipated and have not been addressed in this report.

The survey and analytical methods have been used to provide the client with information regarding the presence of airborne fungal spores existing in the Biological Sciences Building – 1st Floor – 3rd Floor at the time of inspection. Test results are valid only for the areas tested. There is a distinct possibility that conditions may exist which could not be identified within the scope of the study or which were not apparent during the site visit.

No other warranties are implied or expressed.

APPENDIX

A

SAMPLING LOG

Chain of Custody / Microbiology Sample Log



Pasteur Laboratory

158 N. Glendora Ave., Suite S (2nd floor)
Glendora, CA 91741
Tel: (626) 963-8686
E-mail: microbiology99@aol.com

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NOTES:



Pasteur Laboratory

158 N. Glendora Ave., Suite S (2nd floor)

Glendora, CA 91741

Tel: (626) 963-8686

E-mail: microbiology99@aol.com

2068

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REQUESTED SERVICES (CHECK BOXES)

Non - Culturable

Spore Trap

Tape Swab Bulk

Anderson, Swab, Water, Bulk, Dust, Soil, Contact Plate

Fungi - Spore Trap Analysis

Fungi & Biological Particles

Fungi - Direct Microscopic Exam

Fungi - Standard Quant. Analysis

E. coli / Coliform Screen (MUG)

Bacteria - Quantitative Analysis

CONTACT INFORMATION

Company: Global Environmental Training & Consulting

Contact: Mario Virgen / Miguel Virgen

Phone: 626-962-4436

Address: 1520 W. Cameron Ave., Suite 103, West Covina, CA

Fax results Y / N

Email results Y / N

Fax & Invoice to: 626-962-4437

staff@globalenvirotraining.com

PROJECT INFORMATION

Project Name: CSULA - BIOLOGICAL SCIENCES BLDG.

Project Number: E225-281

Sampling Date: 11/24/25

TURN AROUND TIME - (TAT)

Rushes received after 2pm or on weekends, will be considered received the next business day.

SD - Same Day (+75%)

WH - Weekend/Holiday (+100%)

Sample ID	Sample Location	Sample Type	TAT (Above)	Flow Rate	Time	Total Volume
A-31	1st Floor Corridor next to Room 129	APV	8:00	15gpm	10min	150L
A-32	1st Floor Room 111					
A-33	2nd Floor Corridor next to Room 231					
A-34	2nd Floor Room 212					
A-35	3rd Floor Corridor next to Room 310					
A-36	3rd Floor Room					
A-37	Outside (Background)					

SAMPLE TYPE CODES	RELINQUISHED BY	DATE	RECEIVED BY	DATE
AP - Andersen Plate				
CP - Contact Plate				
Z - Zefon Air-O-Cell				
All - AllergencoD				
T - Tape				
S - Swab				
BL - Bulk				
M2 - Allegro M2 - Multimold Cassette				

APPENDIX

B

ANALYTICAL REPORT

Spore Trap Fungal Report



Pasteur Laboratory

158 N. Glendora Ave., Suite S

Glendora, CA 91741

Tel: (626) 963-8686

E-mail: microbiology99@aol.com

November 21, 2025

Mario Virgen/Miguel Virgen
Global Environmental Training & Consulting
1520 W. Cameron Ave., Suite 103, West Covina, CA 91790
Tel: 626-962-4436 Fax: 626-962-4437
E-mail: staff@globalenvirotraining.com
Client's Project: CSULA - Biological Sciences Bldg - E225-281

Lab Reference No.: 00028-25-2068
Date Collected: November 21, 2025
Date Received: November 21, 2025
Date Analyzed: November 21, 2025
Sample(s) analyzed: 7

Laboratory Sample ID	20252			20253			20254			20255		
Client Sample ID	A-31			A-32			A-33			A-34		
Location	1st Floor corridor next to Room 129			1st Floor Room 111			2nd Floor corridor next to Room 231			2nd Floor Room 212		
Volume (L)	150			150			150			150		
Background Debris*	Moderate			Moderate			Light			Light		
Sample Description	AllergencoD			AllergencoD			AllergencoD			AllergencoD		
	Raw cts.	Spores/m ³	%	Raw cts.	Spores/m ³	%	Raw cts.	Spores/m ³	%	Raw cts.	Spores/m ³	%
Alternaria	1	7	12.96									
Arthrini												
Ascospores												
Basidiospores	1	7	12.96	2	13	32.50	2	13	39.39	1	7	25.93
Bipolaris/Drechslera group												
Botrytis												
Chaetomium												
Cladosporium	5	33	61.11	4	27	67.50	2	13	39.39	3	20	74.07
Curvularia												
Epicoccum												
Nigrospora												
Penicillium/Aspergillus types												
Rusts												
Smuts, Myxomycetes	1	7	12.96				1	7	21.21			
Stachybotrys												
Stemphylium												
Torula												
Ulocladium												
Zygomycetes												
Other:												
Total numbers / m ³	54			40			33			27		
Comments												
Limit of Detection	7			7			7			7		

*Background debris is an indication of amounts of non-fungal biological and non-biological particulate matter present on the sample and is characterized as *very light*, *light*, *moderate*, *heavy* or *very heavy*. Heavy background debris may obscure spores, reducing spore visibility during analysis. This report may not be reproduced except in full, and only with the written approval of this laboratory. *The laboratory and its personnel shall not be held liable for any misinformation provided to us by the client regarding these samples or for any misuse or interpretation of information supplied by us. This report relates only to samples submitted and analyzed.*

Sample(s) were analyzed by: P. Chakravarty, Ph.D., Environmental Microbiologist
American Soc. Microbiologist Member ID 56341613

P. Chakravarty

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Spore Trap Fungal Report



Pasteur Laboratory

158 N. Glendora Ave., Suite S

Glendora, CA 91741

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E-mail: microbiology99@aol.com

November 21, 2025

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E-mail: staff@globalenvirotraining.com
Client's Project: CSULA - Biological Sciences Bldg - E225-281

Lab Reference No.: 00028-25-2068
Date Collected: November 21, 2025
Date Received: November 21, 2025
Date Analyzed: November 21, 2025
Sample(s) analyzed: 7

Laboratory Sample ID	20256			20257			20258					
Client Sample ID	A-35			A-36			A-37					
Location	3rd Floor corridor next to Room 310			3rd Floor Room			Outside (Background)					
Volume (L)	150			150			150					
Background Debris*	Light			Light			Light					
Sample Description	AllergencoD			AllergencoD			AllergencoD					
	Raw cts.	Spores/m³	%	Raw cts.	Spores/m³	%	Raw cts.	Spores/m³	%			
<i>Alternaria</i>							4	27	4.30			
<i>Arthrrium</i>												
Ascospores							3	20	3.18			
Basidiospores	1	7	35.00				31	207	32.96			
<i>Bipolaris/Drechslera</i> group												
<i>Botrytis</i>							1	7	1.11			
<i>Chaetomium</i>												
<i>Cladosporium</i>	2	13	65.00	2	13	100.00	37	247	39.33			
<i>Curvularia</i>												
<i>Epicoccum</i>							2	13	2.07			
<i>Nigrospora</i>												
<i>Penicillium/Aspergillus</i> types							9	60	9.55			
Rusts												
Smuts,Myxomycetes							5	33	5.25			
<i>Stachybotrys</i>												
<i>Stemphylium</i>												
<i>Torula</i>							1	7	1.11			
<i>Ulocladium</i>												
Zygomycetes												
Other:												
<i>Pyricularia</i>							1	7	1.11			
Total numbers / m³	20			13			628					
Comments												
Limit of Detection	7			7			7					

*Background debris is an indication of amounts of non-fungal biological and non-biological particulate matter present on the sample and is characterized as very light, light, moderate, heavy or very heavy. Heavy background debris may obscure spores, reducing spore visibility during analysis. This report may not be reproduced except in full, and only with the written approval of this laboratory. The laboratory and its personnel shall not be held liable for any misinformation provided to us by the client regarding these samples or for any misuse or interpretation of information supplied by us. This report relates only to samples submitted and analyzed.

Sample(s) were analyzed by: P. Chakravarty, Ph.D., Environmental Microbiologist
American Soc. Microbiologist Member ID 56341613

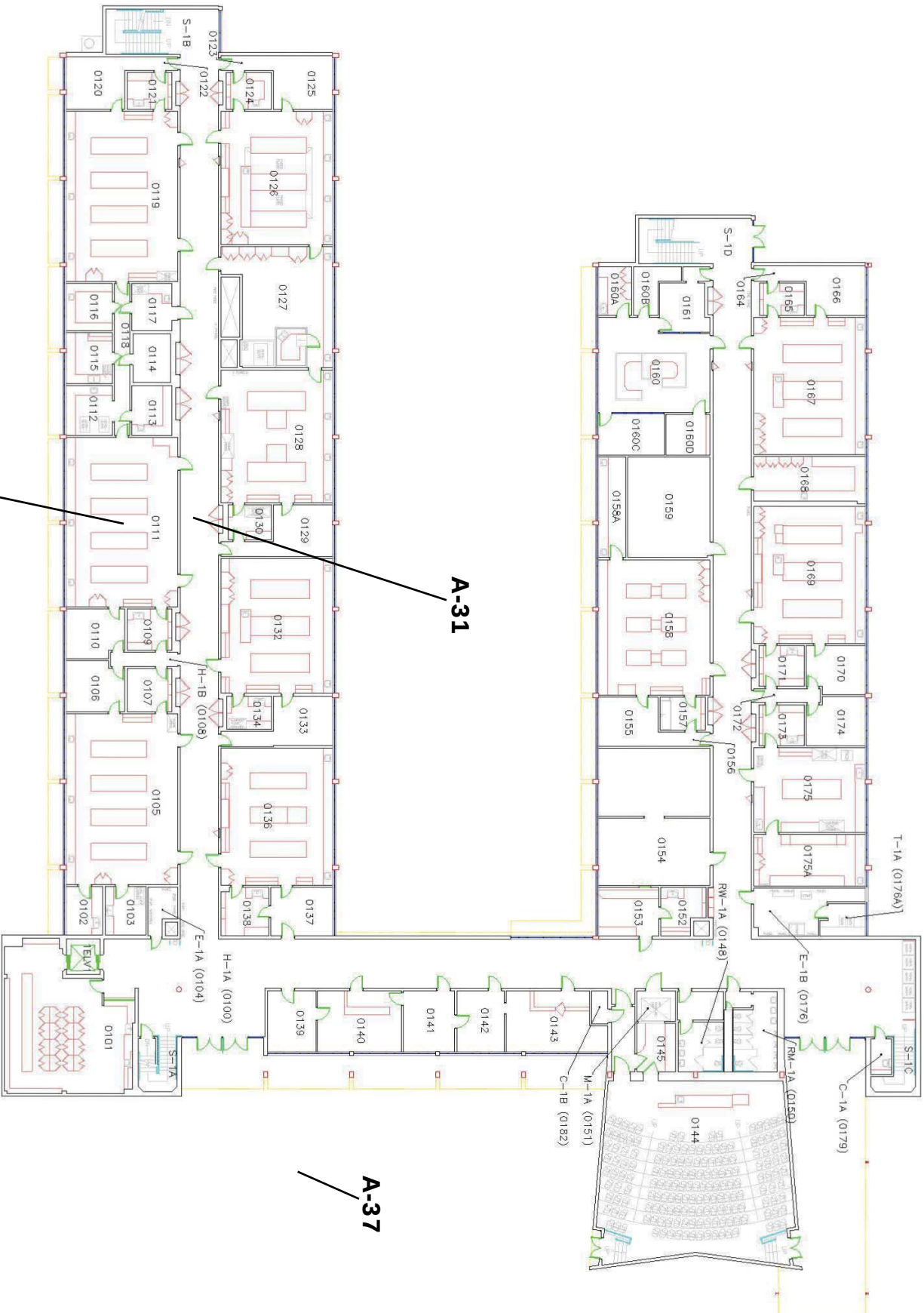
P. Chakravarty

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APPENDIX

C

SCHEMATICS



BIOLOGICAL SCIENCES FIRST FLOOR

LAST UPDATED: 07-14-16



CAL STATE LA

PLANNING, DESIGN & CONSTRUCTION

BLDG
13



BIOLOGICAL SCIENCES SECOND FLOOR

LAST UPDATED: 07-14-16



CAL STATE LA

PLANNING, DESIGN & CONSTRUCTION

BLDG
13



CAL STATE LA

PLANNING, DESIGN & CONSTRUCTION

**BIOLOGICAL SCIENCES
THIRD FLOOR**

LAST UPDATED: 07-06-20

13
BLDG

APPENDIX

D

MOLD CERTIFICATION



Issue Date:

November 5, 2021

Diploma No.: MA-01-2021-01

***Nova Group GBC, Inc.
Environmental Training Center***

Certifies that

Mario Virgen

Has successfully completed an individual training program

Mold Assessor – Level I

Nova Group GBC Environmental Training Center

Charles E. Easley
Course Director

Nova Group GBC – 5320 West 23rd Street, Suite #270 - St. Louis Park, MN 55416
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