



October 29, 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 – Baseline
Biological Sciences Building
Basement – 3rd Floor
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 – Basement – 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 / m³								TOTAL NUMBERS SPORES/m³	
	ALTERNARIA	ASCOSPORES	BASIDIOSPORES	CLADOSPORIUM	EPICOCCUM	PENICILLIUM/ASPERGILLUS TYPES	SMUTS, MYXOMYCETES	TORULA		TRICHOCLADIUM
A-01 Basement Corridor Next to Room 32	-	-	13	33	-	27	-	-	-	<u>73</u>
A-02 Basement Elevator Lobby	7	-	-	20	-	20	7	-	-	<u>54</u>
A-03 1 st Floor South Main Lobby	7	-	20	40	-	33	-	-	-	<u>100</u>
A-04 1 st Floor Corridor Next to Room 123	7	-	47	127	-	3,353	13	-	-	<u>3,547</u>
A-05 1 st Floor North Main Lobby	-	-	13	33	-	40	-	-	-	<u>86</u>
A-06 1 st Floor Corridor Next to Room 169	7	-	20	20	-	27	7	-	-	<u>81</u>
A-07 2nd Floor Corridor Next to Room 241	-	-	7	27	-	33	-	-	-	<u>67</u>
A-08 2nd Floor Corridor Next to Room 220	27	-	87	220	-	6,553	7	-	-	<u>6,894</u>

SAMPLE №	SPORES / m³								TOTAL NUMBERS SPORES/m³	
	ALTERNARIA	ASCOSPORES	BASIDIOSPORES	CLADOSPORIUM	EPICOCCUM	PENICILLIUM/ASPERGILLUS TYPES	SMUTS, MYXOMYCETES	TORULA		TRICHOCLADIUM
A-09 2nd Floor Corridor Next to Room 246	-	-	20	40	-	27	7	-	-	<u>188</u>
A-10 2nd Floor Corridor Next to Room 270	7	-	13	27	-	20	7	-	-	<u>74</u>
A-11 3rd Floor Corridor Next to Room 331	-	-	-	33	-	27	-	-	-	<u>60</u>
A-12 3rd Floor Corridor Next to Room 323	-	-	13	47	-	20	-	-	-	<u>80</u>
A-13 3rd Floor Corridor Next to Room 336	-	-	13	33	-	33	-	-	-	<u>79</u>
A-14 3rd Floor Corridor Next to Room 350	7	-	33	20	-	20	7	-	-	<u>87</u>
A-15 Outdoors (Background)	7	20	193	373	7	53	73	13	27	<u>766</u>

2.0 INTRODUCTION

This report presents the findings of the Microbiological Air Sampling performed for the Biological Sciences Building – Basement – 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 affected areas of the Basement 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 – Basement – 3rd Floor.

3.2 Sampling Procedures and Analysis

Sampling Procedure

The inspector collected Fifteen (15) Air samples for Microbiological spores. Sampling was limited to the Biological Sciences Building – Basement – 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 C, is a listing of samples taken and their mold content.

4.0 FINDINGS AND RECOMMENDATIONS

4.1 General Summary

On October 28, 2025, Global Environmental Training and Consulting, Inc. performed Microbiological Air Sampling at the Biological Sciences Building – Basement – 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 samples #A-04 and #A-08 are above the levels compared to the outdoors (background) sample #A-15. All other samples are below the outdoors (Background) Sample.

The locations of this sample are given in Appendix A to this report. Complete sampling and analysis of suspect mold spores are given in Appendix C.

4.2 Recommendations

Global Environmental Training & Consulting, Inc. (GETC) has reviewed the results of the air samples and recommends the Southwest Stairwell on the 1st and 2nd Floor be off limits to students and faculty until clean-up and clearances are performed.

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 – Basement - 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.

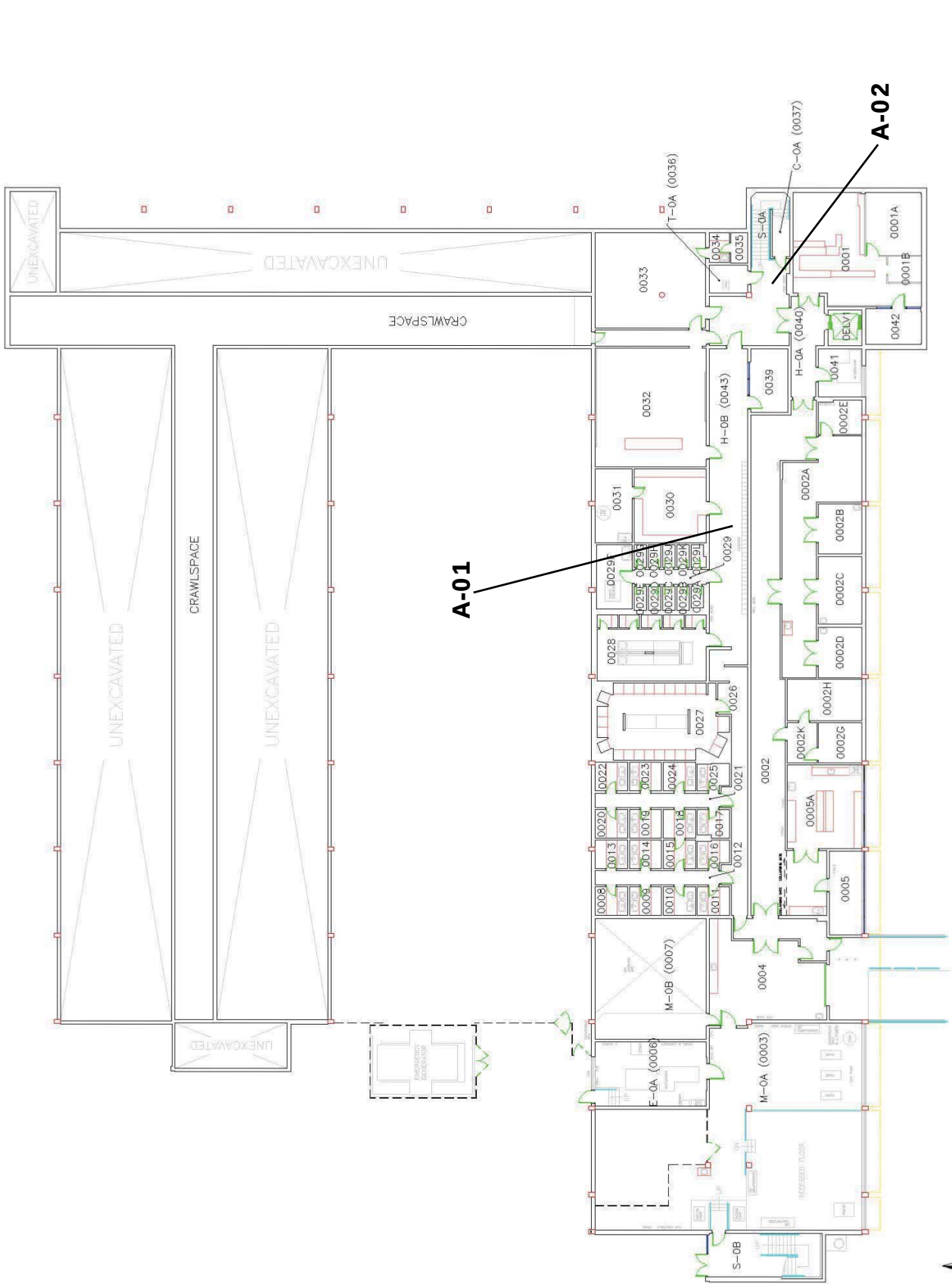
The survey and analytical methods have been used to provide the client with information regarding the presence of airborne fungal spores existing in the Biological Sciences Building – Basement - 3rd Floor at the time of inspection. Test results are valid only for the areas tested. There is a distinct 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.

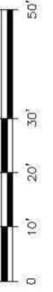
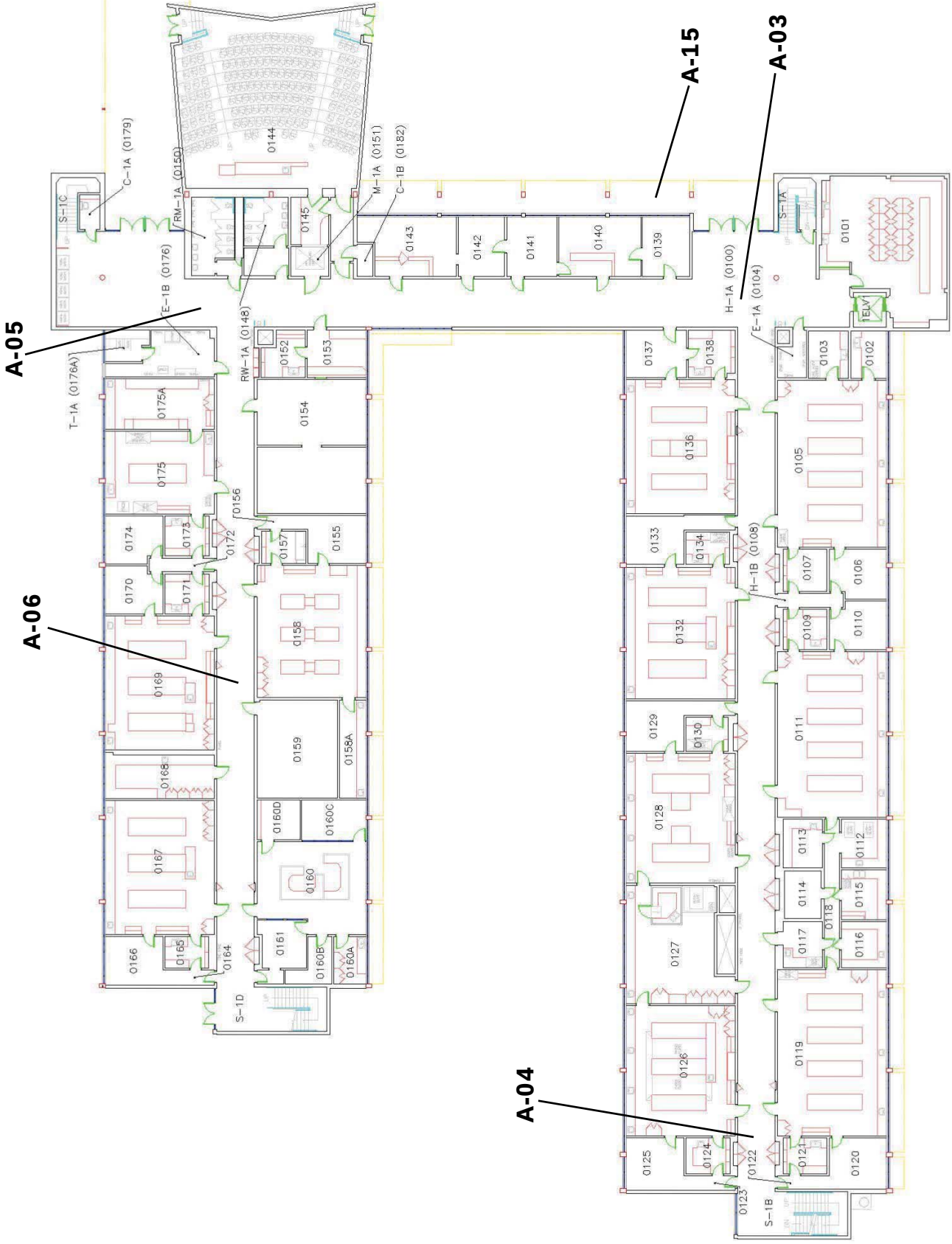
No other warranties are implied or expressed.

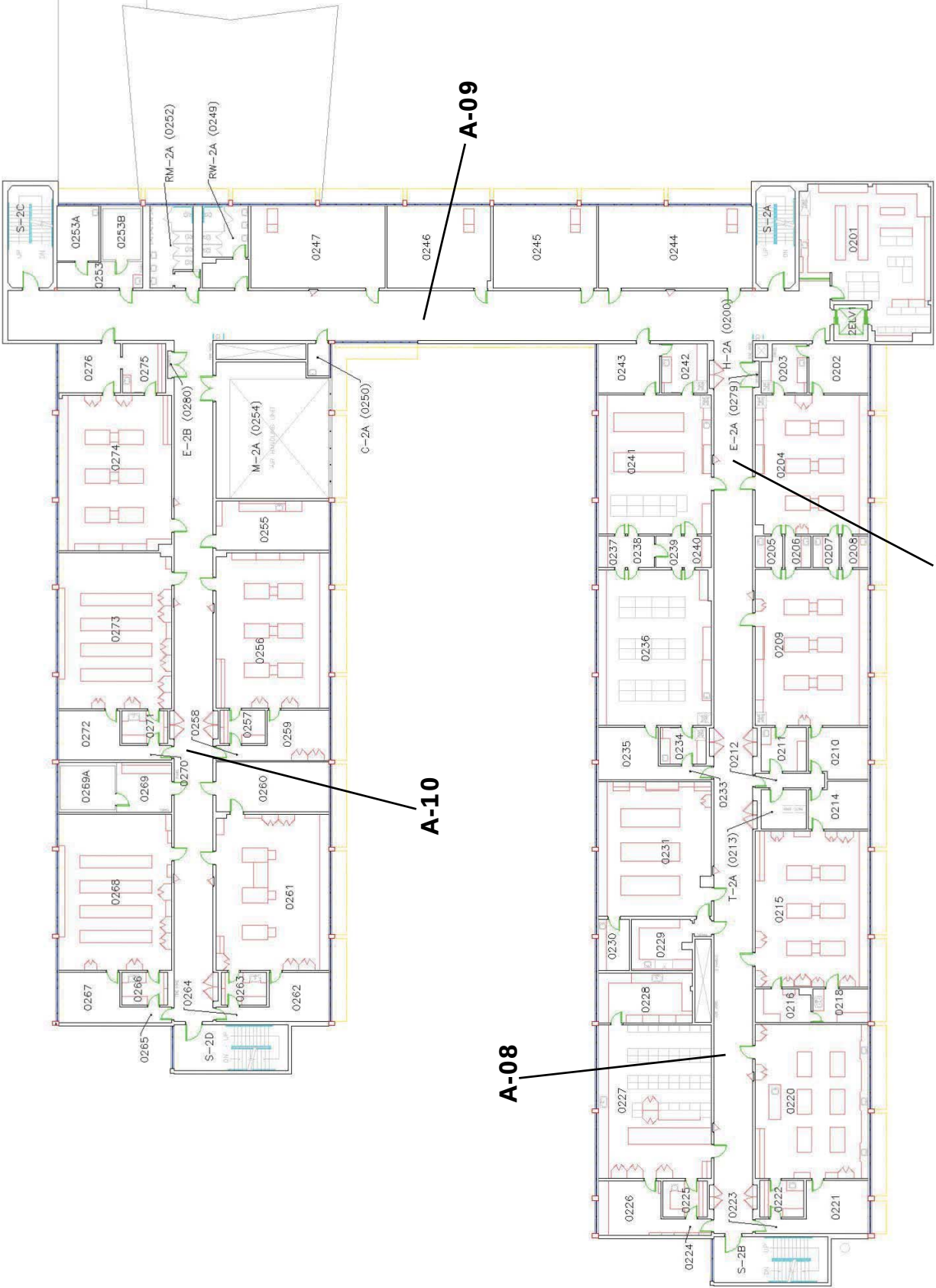
APPENDIX

A

SCHEMATIC





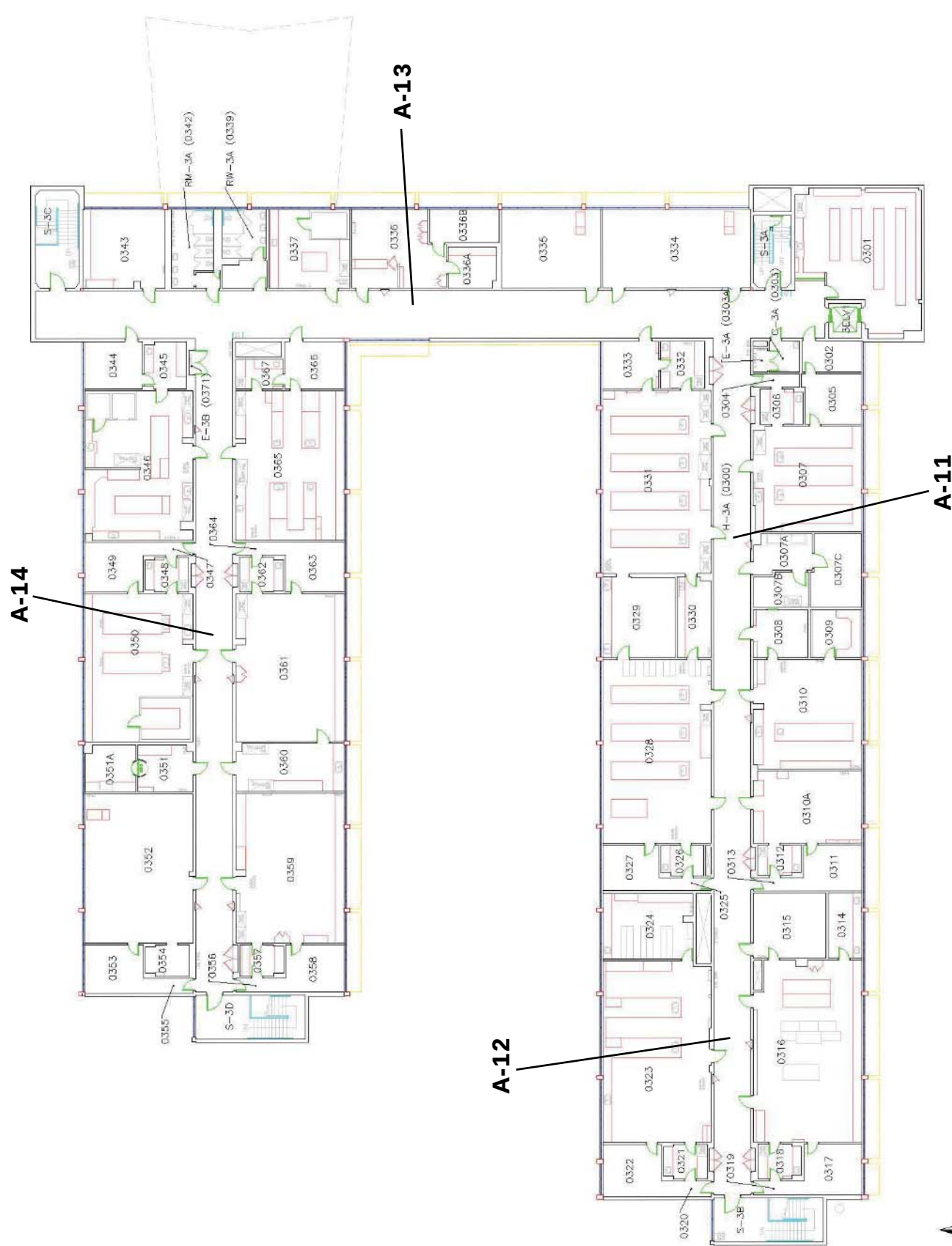


A-09

A-10

A-08

A-07



APPENDIX

B

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

1504

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NOTES:

CONTACT INFORMATION						
Company: Global Environmental Training & Consulting		Address: 1520 W. Cameron Ave., Suite 103, West Covina, CA				
Contact: Mario Virgen / Miguel Virgen		Fax & Invoice to: 626-962-4437				
Phone: 626-962-4436		Email results Y / N staff@globalenvirotraining.com				
PROJECT INFORMATION						
Project Name: CSULA - BIOLOGICAL SCIENCES BLDG.						
Project Number: E225-281						
Sampling Date: 10/28/25						
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-01	Basement Corridor next to Room 32	APV	15h 15 min	1000	1500	1500
A-02	Basement Elevator Lobby					
A-03	1st Floor South Main Lobby					
A-04	1st Floor Corridor next to Room 123					
A-05	1st Floor North Main Lobby					
A-06	1st Floor Corridor next to Room 169					
A-07	2nd Floor Corridor next to Room 241					
A-08	2nd Floor Corridor next to Room 220					
A-09	2nd Floor Corridor next to Room 246					
A-10	2nd Floor Corridor next to Room 270					
REQUESTED SERVICES (CHECK BOXES)						
Non - Culturable		Culturable				
Spore Trap		Tape Swab Bulk		Anderson, Swab, Water, Bulk, Dust, Soil, Contact Plate		
Fungi & Biological Particles		Fungi - Direct Microscopic Exam		Fungi - Standard Quant. Analysis		
Fungi - Spore Trap Analysis		Fungi - Spore Trap Analysis		E. coli / Coliform Screen (MUG)		
Fungi - Spore Trap Analysis		Fungi - Spore Trap Analysis		Bacteria - Quantitative Analysis		
SAMPLE TYPE CODES				RECEIVED BY		
AP - Andersen Plate CP - Contact Plate				DATE		
Z - Zefon Air-O-Cell All - AllergencoD				DATE		
T - Tape S - Swab BL - Bulk				DATE		
M2 - Allegro M2 - Multimold Cassette				DATE		

10-28-25

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

1504

Page 2 of 2

NOTES:

CONTACT INFORMATION						
Company: Global Environmental Training & Consulting		Address: 1520 W. Cameron Ave., Suite 103, West Covina, CA				
Contact: Mario Virgen / Miguel Virgen	Fax results Y / N	Fax & Invoice to: 626-962-4437				
Phone: 626-962-4436	Email results Y / N	staff@globalenvirotraining.com				
PROJECT INFORMATION Project Name: CSULA - BIOLOGICAL SCIENCES BLDG. Project Number: E225-281 Sampling Date: 10/28/21						
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-11	3rd Floor Corridor next to AllergencoD	Room 331	10/28/21	1500	10:00	1500
A-12	3rd Floor Corridor next to AllergencoD	Room 323	10/28/21	1500	10:00	1500
A-13	3rd Floor Corridor next to AllergencoD	Room 336	10/28/21	1500	10:00	1500
A-14	3rd Floor Corridor next to AllergencoD	Room 350	10/28/21	1500	10:00	1500
A-15	Outdoors (Back ground)		10/28/21	1500	10:00	1500
REQUESTED SERVICES (CHECK BOXES) Non - Culturable Spore Trap Tape Swab Bulk						
Fungi - Spore Trap Analysis Fungi & Biological Particles Fungi - Direct Microscopic Exam Fungi - Standard Quant. Analysis E. coli / Coliform Screen (MUG) Bacteria - Quantitative Analysis						
RELINQUISHED BY				DATE		RECEIVED BY
AP - Andersen Plate CP - Contact Plate				10/28/21		
Z - Zefon Air-O-Cell All - AllergencoD						
T - Tape S - Swab BL - Bulk						
M2 - Allegro M2 - Multimold Cassette						10-28-21

APPENDIX

C

ANALYTICAL REPORT

E-mail: microbiology99@aol.com

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. _225-281

Lab Reference No.:	00028-25-1504
Date Collected:	October 28, 2025
Date Received:	October 28, 2025
Date Analyzed:	October 28, 2025
Sample(s) analyzed:	15

*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.*

P. Chakravarty



Pasteur Laboratory

158 N. Glendora Ave., Suite S

Glendora, CA 91741

Tel: (626) 963-8686

E-mail: microbiology99@aol.com

October 28, 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. _225-281

Lab Reference No.: 00028-25-1504

Date Collected: October 28, 2025

Date Received: October 28, 2025

Date Analyzed: October 28, 2025

Sample(s) analyzed: 15

Laboratory Sample ID	18397			18398			18399			18400		
Client Sample ID	A-05			A-06			A-07			A-08		
Location	1st floor North main Lobby			1st floor corridor next to Rm 169			2nd floor corridor next to Rm 241			2nd floor corridor next to Rm 220		
Volume (L)	150			150			150			150		
Background Debris*	Light			Light			Light			Heavy		
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	%
<i>Alternaria</i>				1	7	8.64				4	27	0.39
<i>Arthrinium</i>												
Ascospores												
Basidiospores	2	13	15.12	3	20	24.69	1	7	10.45	13	87	1.26
<i>Bipolaris/Drechslera</i> group												
<i>Botrytis</i>												
<i>Chaetomium</i>												
<i>Cladosporium</i>	5	33	38.37	3	20	24.69	4	27	40.30	33	220	3.19
<i>Curvularia</i>												
<i>Epicoccum</i>												
<i>Nigrospora</i>												
<i>Penicillium/Aspergillus</i> types	6	40	46.51	4	27	33.33	5	33	49.25	983	6553	95.05
Rusts												
Smuts, Myxomycetes				1	7	8.64				1	7	0.10
<i>Stachybotrys</i>												
<i>Stemphylium</i>												
<i>Torula</i>												
<i>Ulocladium</i>												
Zygomycetes												
Other:												
Total numbers / m³	86			81			67			6,894		
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

Page 2 of 4



Pasteur Laboratory

158 N. Glendora Ave., Suite S

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E-mail: microbiology99@aol.com

October 28, 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. _225-281

Lab Reference No.: 00028-25-1504

Date Collected: October 28, 2025

Date Received: October 28, 2025

Date Analyzed: October 28, 2025

Sample(s) analyzed: 15

Laboratory Sample ID	18401			18402			18403			18404		
Client Sample ID	A-09			A-10			A-11			A-12		
Location	2nd floor corridor next to Rm 246			2nd floor corridor next to Rm 270			3rd floor corridor next to Rm 331			3rd floor corridor next to Rm 323		
Volume (L)	150			150			150			150		
Background Debris*	Moderate			Light			Light			Moderate		
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	%
<i>Alternaria</i>				1	7	9.46						
<i>Arthrinium</i>												
Ascospores												
Basidiospores	3	20	21.28	2	13	17.57				2	13	16.25
<i>Bipolaris/Drechslera</i> group												
<i>Botrytis</i>												
<i>Chaetomium</i>												
<i>Cladosporium</i>	6	40	42.55	4	27	36.49	5	33	55.00	7	47	58.75
<i>Curvularia</i>												
<i>Epicoccum</i>												
<i>Nigrospora</i>												
<i>Penicillium/Aspergillus</i> types	4	27	28.72	3	20	27.03	4	27	45.00	3	20	25.00
Rusts												
Smuts, Myxomycetes	1	7	7.45	1	7	9.46						
<i>Stachybotrys</i>												
<i>Stemphylium</i>												
<i>Torula</i>												
<i>Ulocladium</i>												
Zygomycetes												
Other:												
Total numbers / m³	94			74			60			80		
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



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October 28, 2025

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E-mail: staff@globalenvirotraining.com
Client's Project: CSULA - Biological Sciences Bldg. _225-281

Lab Reference No.: 00028-25-1504
Date Collected: October 28, 2025
Date Received: October 28, 2025
Date Analyzed: October 28, 2025
Sample(s) analyzed: 15

Laboratory Sample ID	18405			18406			18407					
Client Sample ID	A-13			A-14			A-15					
Location	3rd floor corridor next to Rm 336			3rd floor corridor next to Rm 350			Outdoors (Background)					
Volume (L)	150			150			150					
Background Debris*	Light			Light			Moderate					
Sample Description	AllergencoD			AllergencoD			AllergencoD					
	Raw cts.	Spores/m ³	%	Raw cts.	Spores/m ³	%	Raw cts.	Spores/m ³	%			
<i>Alternaria</i>				1	7	8.05	1	7	0.91			
<i>Arthrinium</i>												
Ascospores							3	20	2.61			
Basidiospores	2	13	16.46	5	33	37.93	29	193	25.20			
<i>Bipolaris/Drechslera</i> group												
<i>Botrytis</i>												
<i>Chaetomium</i>												
<i>Cladosporium</i>	5	33	41.77	3	20	22.99	56	373	48.69			
<i>Curvularia</i>												
<i>Epicoccum</i>							1	7	0.91			
<i>Nigrospora</i>												
<i>Penicillium/Aspergillus</i> types	5	33	41.77	3	20	22.99	8	53	6.92			
Rusts												
Smuts, Myxomycetes				1	7	8.05	11	73	9.53			
<i>Stachybotrys</i>												
<i>Stemphylium</i>												
<i>Torula</i>							2	13	1.70			
<i>Ulocladium</i>												
Zygomycetes												
Other:												
<i>Trichocladium</i>							4	27	3.52			
Total numbers / m ³	79			87			766					
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

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
Telephone: (952) 448-9393 FAX: (952) 448-9572