Reliant Environmental

November 15, 2026

Mr. Danny Bustle
Assistant Maintenance Director
Iredell-Statesville Schools
Facilities & Planning
350 Old Murdock Road
Troutman, North Carolina 28166

RE: Indoor Air Quality Testing – Iredell-Statesville Schools – Coddle Creek Elementary
141 Franks Crossing Loop – Mooresville, North Carolina 28114

Mr. Bustle:

Attached, please find the final report for the indoor air quality testing conducted at the above referenced site. All testing was conducted on ***November 13, 2026***.

If you should have any questions or require additional information, please call me at 828-421-6900.

Sincerely,

Terry L. LaDuke

Terry L. LaDuke
Member/Manager

INDOOR AIR QUALITY TESTING
FINAL REPORT

Iredell-Statesville Schols
Coddle Creek Elementary School
141 Franks Crossing Loop
Mooresville, North Carolina

Prepared For:

Mr. Danny Bustle
Assistant Maintenance Director
Iredell-Statesville Schools
Facilities & Planning
350 Old Murdock Road
Troutman, North Carolina 28166

Prepared By:

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92 Elaine Drive
Canton, North Carolina 28716

Terry L. LaDuke
Terry L. LaDuke

November 15, 2026

INDOOR AIR QUALITY TESTING
FINAL REPORT

Iredell-Statesville Schols
Coddle Creek Elementary School
141 Franks Crossing Loop
Mooresville, North Carolina

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INDOOR AIR QUALITY TESTING ROUND 2

Iredell-Statesville Schols
Coddle Creek Elementary School
141 Franks Crossing Loop
Mooresville, North Carolina

I. INTRODUCTION:

Reliant Environmental was contracted by Iredell-Statesville Schools to conduct indoor air quality testing of the Coddle Creek Elementary School located at 141 Franks Crossing Loop in Mooresville, North Carolina. Work included ambient air sample collection and analysis for fungi in fifty-eight (58) interior locations and one (1) exterior location for comparison purposes.

Site Visit:

On ***November 13, 2026,*** Reliant Environmental representatives, Terry L. LaDuke and Shane A. Moody conducted the indoor air quality testing at locations which were chosen by Iredell-Statesville Schools.

Prior to November 13, 2026, Iredell-Statesville Schools reports that the HVAC systems of the school have been cleaned. Two (2) random AHUs were selected to be visually inspected (D-5 and D-10). Both units remain dirty with visible mold growth present on the coils, wires, fans, fan blades, pans and other components. ***See Photograph No.'s 1 – 10 attached in Appendix D.***

Additionally, it is reported that classrooms have been cleaned and fogged with a biocide to remove and/or eliminate current and future mold growth.

Portable HEPA air filtration machines were operational and located in various locations throughout the school during the site visit. The HEPA units were powered off during sampling activities and then powered by on to continue filtering the ambient air.

II. SAMPLING METHODOLOGY:

Air Samples – Fungi Analysis Direct Exam: Spore Trap sampling is designed for the rapid collection and analysis of a wide range of airborne particles. A vacuum pump is utilized for sample collection, which is calibrated before and after each day of sampling. Air sampling for individual cassettes is 15.0 liters per minute for 5 minutes for a total volume of 75 liters of air. See laboratory results in ***Table 1 of Section III***.

CO, CO_2, Temperature, and RH: Carbon monoxide, carbon dioxide, temperature, and relative humidity (rh) were measured using the AQM4 Indoor Air Quality Meter which has the capability to log readings over a specified period of time and graph the individual measurements. See measurements in ***Table 2 of Section III***.

Particle Counts: Reliant Environmental measured particle counts using the Airy Technology Handheld Laser Particle Counter Model P311. The particle counter measures three (3) particle sizes simultaneously including 0.3µ, 0.5µ and 5.0µ particles. Particle counts were measured using the total (cumulative) count mode for one minute at a flow rate of 2.83 liters per minute. Three readings were measured at each sample location. The average of the three particle count readings is displayed in ***Table 3 of Section III, Particle Count Results.***

III. SAMPLE LABORATORY ANALYSIS AND IAQ MEASUREMENTS:

Air Samples – Fungi Analysis:

Laboratory analyses were performed on air samples by Scientific Analytical Institute, using SAI Method B-SOP-003, Direct Exam: Spore Trap Analysis of Air Sample. Areas sampled and corresponding results are shown on the ***Site Drawing*** in ***Appendix C*** and listed below:

Table 1
Fungi Laboratory Results of Air Samples

Sample Number	Location	Counts Per Cubic Meter
677688	D132	313 – Ascospores 5,720 – Aspergillus/Penicillium-like 549 – Basidiospores 1,100 – Cladosporium 157 - Epicoccum 549 – Myxomycete/Rust/Smut-like 78.4 – Pithomyces
		8,460 – Total Fungi 627 – Hyphal Fragments 40 – 60 % - Skin Cell Debris 60 – 80 % - Total Debris

Sample Number	Location	Counts Per Cubic Meter
724499	D131	235 – Ascospores 470 – Aspergillus/Penicillium-like 78.4 – Basidiospores 78.4 – Cladosporium 549 – Myxomycete/Rust/Smut-like
		1,410 – Total Fungi 157 – Hyphal Fragments 40 – 60 % - Skin Cell Debris 40 – 60 % - Total Debris

Sample Number	Location	Counts Per Cubic Meter
724651	D130	78.4 – Ascospores 1,410 – Aspergillus/Penicillium-like 78.4 – Basidiospores 78.4 – Cladosporium 78.4 – Myxomycete/Rust/Smut-like
		1,720 – Total Fungi 40 – 60 % - Skin Cell Debris 20 – 40 % - Total Debris

See laboratory data sheets attached in Appendix A.

III. SAMPLE LABORATORY ANALYSIS AND IAQ MEASUREMENTS:

Air Samples – Fungi Analysis:

Laboratory analyses were performed on air samples by Scientific Analytical Institute, using SAI Method B-SOP-003, Direct Exam: Spore Trap Analysis of Air Sample. Areas sampled and corresponding results are shown on the ***Site Drawing*** in ***Appendix C*** and listed below:

Table 1
Fungi Laboratory Results of Air Samples

Sample Number	Location	Counts Per Cubic Meter
724705	D127	235 – Ascospores 3,130 – Aspergillus/Penicillium-like 157 – Basidiospores 470 – Cladosporium 157 - Curvularia 313 – Myxomycete/Rust/Smut-like
		4,470 – Total Fungi 235 – Hyphal Fragments 157 - Pollen 60 – 80 % - Skin Cell Debris 40 – 60 % - Total Debris

Sample Number	Location	Counts Per Cubic Meter
724649	D126	78.4 – Alternaria 784 – Ascospores 8,700 – Aspergillus/Penicillium-like 784 – Basidiospores 705 – Cladosporium 157 – Curvularia 157 - Epicoccum 3,600 – Myxomycete/Rust/Smut-like 78.4 – Pithomyces
		15,000 – Total Fungi 705 – Hyphal Fragments 40 – 60 % - Skin Cell Debris 60 – 80 % - Total Debris

Sample Number	Location	Counts Per Cubic Meter
724700	D125	78.4 – Ascospores 1,180 – Aspergillus/Penicillium-like 78.4 - Basidiospores 157 – Cladosporium 78.4 – Epicoccum 78.4 – Myxomycete/Rust/Smut-like
		1,650 – Total Fungi 78.4 - Pollen 40 – 60 % - Skin Cell Debris 40 – 60 % - Total Debris

See laboratory data sheets attached in Appendix A.

III. SAMPLE LABORATORY ANALYSIS AND IAQ MEASUREMENTS:

Air Samples – Fungi Analysis:

Laboratory analyses were performed on air samples by Scientific Analytical Institute, using SAI Method B-SOP-003, Direct Exam: Spore Trap Analysis of Air Sample. Areas sampled and corresponding results are shown on the ***Site Drawing*** in ***Appendix C*** and listed below:

Table 1
Fungi Laboratory Results of Air Samples

Sample Number	Location	Counts Per Cubic Meter
677713	D124	627 – Aspergillus/Penicillium-like 78.4 – Basidiospores 157 – Cladosporium 78.4 – Myxomycete/Rust/Smut-like
		940 – Total Fungi 40 – 60 % - Skin Cell Debris 20 – 40 % - Total Debris

Sample Number	Location	Counts Per Cubic Meter
677610	D105	235 – Ascospores 1,330 – Aspergillus/Penicillium-like 157 – Basidiospores 392 – Cladosporium 313 –Myxomycete/Rust/Smut-like
		2,430 – Total Fungi 235 – Hyphal Fragments 40 – 60 % - Skin Cell Debris 40 – 60 % - Total Debris

Sample Number	Location	Counts Per Cubic Meter
677555	D103	157 – Ascospores 235 – Aspergillus/Penicillium-like 157 – Basidiospores 157 – Cladosporium 78.4 – Curvularia 78.4 – Myxomycete/Rust/Smut-like 78.4 – Pithomyces
		940 – Total Fungi 78.4 – Hyphal Fragments 40 – 60 % - Skin Cell Debris 20 – 40 % - Total Debris

See laboratory data sheets attached in Appendix A.

III. SAMPLE LABORATORY ANALYSIS AND IAQ MEASUREMENTS:

Air Samples – Fungi Analysis:

Laboratory analyses were performed on air samples by Scientific Analytical Institute, using SAI Method B-SOP-003, Direct Exam: Spore Trap Analysis of Air Sample. Areas sampled and corresponding results are shown on the ***Site Drawing*** in ***Appendix C*** and listed below:

Table 1
Fungi Laboratory Results of Air Samples

Sample Number	Location	Counts Per Cubic Meter
677693	D109	313 – Ascospores 470 – Aspergillus/Penicillium-like 157 – Basidiospores 392 – Cladosporium 78.4 – Curvularia 235 – Myxomycete/Rust/Smut-like
		1,650 – Total Fungi 40 – 60 % - Skin Cell Debris 40 – 60 % - Total Debris

Sample Number	Location	Counts Per Cubic Meter
677691	D110	78.4 – Ascospores 78.4 – Basidiospores 78.4 – Cladosporium 313 – Myxomycete/Rust/Smut-like
		549 – Total Fungi 40 – 60 % - Skin Cell Debris 20 – 40 % - Total Debris

See laboratory data sheets attached in Appendix A.

III. SAMPLE LABORATORY ANALYSIS AND IAQ MEASUREMENTS:

Air Samples – Fungi Analysis:

Laboratory analyses were performed on air samples by Scientific Analytical Institute, using SAI Method B-SOP-003, Direct Exam: Spore Trap Analysis of Air Sample. Areas sampled and corresponding results are shown on the ***Site Drawing*** in ***Appendix C*** and listed below:

Table 1
Fungi Laboratory Results of Air Samples

Sample Number	Location	Counts Per Cubic Meter
677585	D111	78.4 – Ascospores 78.4 – Basidiospores 78.4 – Myxomycete/Rust/Smut-like 78.4 – Pithomyces
		313 – Total Fungi 78.4 – Hyphal Fragments 20 – 40 % - Skin Cell Debris 20 – 40 % - Total Debris

Sample Number	Location	Counts Per Cubic Meter
677727	D120	78.4 – Ascospores 78.4 – Basidiospores 78.4 – Cladosporium 78.4 – Curvularia 78.4 - Nigrospora
		392 – Total Fungi 20 – 40 % - Skin Cell Debris 20 – 40 % - Total Debris

Sample Number	Location	Counts Per Cubic Meter
677735	D121	78.4 – Ascospores 78.4 – Myxomycete/Rust/Smut-like
		157 – Total Fungi 20 – 40 % - Skin Cell Debris 0 – 20 % - Total Debris

Sample Number	Location	Counts Per Cubic Meter
677734	D122	78.4 – Alternaria 705 – Ascospores 470 – Aspergillus/Penicillium-like 549 – Basidiospores 3,060 – Cladosporium 235 – Curvularia 862 – Myxomycete/Rust/Smut-like
		5,960 – Total Fungi 313 – Hyphal Fragments 20 – 40 % - Skin Cell Debris 60 – 80 % - Total Debris

See laboratory data sheets attached in Appendix A.

III. SAMPLE LABORATORY ANALYSIS AND IAQ MEASUREMENTS:

Air Samples – Fungi Analysis:

Laboratory analyses were performed on air samples by Scientific Analytical Institute, using SAI Method B-SOP-003, Direct Exam: Spore Trap Analysis of Air Sample. Areas sampled and corresponding results are shown on the ***Site Drawing*** in ***Appendix C*** and listed below:

Table 1
Fungi Laboratory Results of Air Samples

Sample Number	Location	Counts Per Cubic Meter
677558	D123	78.4 – Alternaria 78.4 – Basidiospores 78.4 – Cladosporium 78.4 – Curvularia 235 – Myxomycete/Rust/Smut-like
		549 – Total Fungi 78.4 – Hyphal Fragments 20 – 40 % - Skin Cell Debris 40 – 60 % - Total Debris

Sample Number	Location	Counts Per Cubic Meter
677587	D104	235 – Ascospores 940 – Aspergillus/Penicillium-like 157 – Basidiospores 157 – Cladosporium 157 - Epicoccum 627 – Myxomycete/Rust/Smut-like
		2,270 – Total Fungi 78.4 – Hyphal Fragments 20 – 40 % - Skin Cell Debris 60 – 80 % - Total Debris

Sample Number	Location	Counts Per Cubic Meter
677657	C106	235 – Ascospores 784 – Aspergillus/Penicillium-like 157 – Basidiospores 705 – Cladosporium 157 – Myxomycete/Rust/Smut-like
		2,040 – Total Fungi 157 – Hyphal Fragments 40 – 60 % - Skin Cell Debris 40 – 60 % - Total Debris

See laboratory data sheets attached in Appendix A.

III. SAMPLE LABORATORY ANALYSIS AND IAQ MEASUREMENTS:

Air Samples – Fungi Analysis:

Laboratory analyses were performed on air samples by Scientific Analytical Institute, using SAI Method B-SOP-003, Direct Exam: Spore Trap Analysis of Air Sample. Areas sampled and corresponding results are shown on the ***Site Drawing*** in ***Appendix C*** and listed below:

Table 1
Fungi Laboratory Results of Air Samples

Sample Number	Location	Counts Per Cubic Meter
677747	C152	313 – Ascospores 470 – Aspergillus/Penicillium-like 157 – Basidiospores 313 – Cladosporium 157 – Myxomycete/Rust/Smut-like
		1,410 – Total Fungi 313 – Hyphal Fragments 40 – 60 % - Skin Cell Debris 40 – 60 % - Total Debris

Sample Number	Location	Counts Per Cubic Meter
724697	C151	78.4 – Ascospores 313 – Aspergillus/Penicillium-like 78.4 – Basidiospores 392 – Cladosporium 78.4 – Myxomycete/Rust/Smut-like
		940 – Total Fungi 78.4 – Hyphal Fragments 40 – 60 % - Skin Cell Debris 40 – 60 % - Total Debris

Sample Number	Location	Counts Per Cubic Meter
677679	C150	157 – Ascospores 705 – Aspergillus/Penicillium-like 235 – Basidiospores 470 – Cladosporium 549 – Myxomycete/Rust/Smut-like
		2,120 – Total Fungi 78.4 – Hyphal Fragments 20 – 40 % - Skin Cell Debris 40 – 60 % - Total Debris

See laboratory data sheets attached in Appendix A.

III. SAMPLE LABORATORY ANALYSIS AND IAQ MEASUREMENTS:

Air Samples – Fungi Analysis:

Laboratory analyses were performed on air samples by Scientific Analytical Institute, using SAI Method B-SOP-003, Direct Exam: Spore Trap Analysis of Air Sample. Areas sampled and corresponding results are shown on the ***Site Drawing*** in ***Appendix C*** and listed below:

Table 1
Fungi Laboratory Results of Air Samples

Sample Number	Location	Counts Per Cubic Meter
677694	C149	78.4 – Ascospores 1,020 – Aspergillus/Penicillium-like 78.4 – Basidiospores 78.4 – Cladosporium 313 – Myxomycete/Rust/Smut-like
		1,570 – Total Fungi 157 – Hyphal Fragments 40 – 60 % - Skin Cell Debris 40 – 60 % - Total Debris

Sample Number	Location	Counts Per Cubic Meter
724500	C148	78.4 – Alternaria 157 - Ascospores 1,650 – Aspergillus/Penicillium-like 78.4 – Basidiospores 313 – Cladosporium 78.4 - Curvularia 157 – Myxomycete/Rust/Smut-like
		2,510 – Total Fungi 78.4 – Hyphal Fragments 40 – 60 % - Skin Cell Debris 40 – 60 % - Total Debris

Sample Number	Location	Counts Per Cubic Meter
677611	C145	157 - Ascospores 235 – Aspergillus/Penicillium-like 157 – Basidiospores 78.4 – Cladosporium 78.4 - Myxomycete/Rust/Smut-like
		705 – Total Fungi 40 – 60 % - Skin Cell Debris 40 – 60 % - Total Debris

See laboratory data sheets attached in Appendix A.

III. SAMPLE LABORATORY ANALYSIS AND IAQ MEASUREMENTS:

Air Samples – Fungi Analysis:

Laboratory analyses were performed on air samples by Scientific Analytical Institute, using SAI Method B-SOP-003, Direct Exam: Spore Trap Analysis of Air Sample. Areas sampled and corresponding results are shown on the ***Site Drawing*** in ***Appendix C*** and listed below:

Table 1
Fungi Laboratory Results of Air Samples

Sample Number	Location	Counts Per Cubic Meter
677632	C144	78.4 – Basidiospores 78.4 – Myxomycete/Rust/Smut-like
		157 – Total Fungi 20 – 40 % - Skin Cell Debris 0 – 20 % - Total Debris

Sample Number	Location	Counts Per Cubic Meter
677694	C143	78.4 – Ascospores 2,190 – Aspergillus/Penicillium-like 157 – Basidiospores 313 – Cladosporium 78.4 – Epicoccum 470 – Myxomycete/Rust/Smut-like
		3,290 – Total Fungi 157 – Hyphal Fragments 40 – 60 % - Skin Cell Debris 40 – 60 % - Total Debris

Sample Number	Location	Counts Per Cubic Meter
677745	C142	157 – Alternaria 470 – Ascospores 1,330 – Aspergillus/Penicillium-like 235 – Basidiospores 1,800 – Cladosporium 78.4 – Curvularia 549 – Myxomycete/Rust/Smut-like 78.4 - Stachybotrys
		4,700 – Total Fungi 392 – Hyphal Fragments 40 – 60 % - Skin Cell Debris 60 – 80 % - Total Debris

See laboratory data sheets attached in Appendix A.

III. SAMPLE LABORATORY ANALYSIS AND IAQ MEASUREMENTS:

Air Samples – Fungi Analysis:

Laboratory analyses were performed on air samples by Scientific Analytical Institute, using SAI Method B-SOP-003, Direct Exam: Spore Trap Analysis of Air Sample. Areas sampled and corresponding results are shown on the ***Site Drawing*** in ***Appendix C*** and listed below:

Table 1
Fungi Laboratory Results of Air Samples

Sample Number	Location	Counts Per Cubic Meter
677687	C116	78.4 – Alternaria 392 – Ascospores 5,960 – Aspergillus/Penicillium-like 392 – Basidiospores 1,720 – Cladosporium 157 - Epicoccum 1,650 – Myxomycete/Rust/Smut-like 78.4 – Pithomyces
		10,400 – Total Fungi 862 – Hyphal Fragments 78.4 - Pollen 20 – 40 % - Skin Cell Debris 80 – 100 % - Total Debris

Sample Number	Location	Counts Per Cubic Meter
677695	C105	235 – Ascospores 78.4 – Basidiospores 78.4 – Drechslera/Bipolaris 157 – Myxomycete/Rust/Smut-like
		549 – Total Fungi 40 – 60 % - Skin Cell Debris 20 – 40 % - Total Debris

Sample Number	Location	Counts Per Cubic Meter
677674	C122	78.4 – Alternaria 157 – Ascospores 78.4 – Basidiospores 235 – Cladosporium 78.4 – Curvularia 470 – Myxomycete/Rust/Smut-like
		1,100 – Total Fungi 78.4 – Hyphal Fragments 40 – 60 % - Skin Cell Debris 40 – 60 % - Total Debris

See laboratory data sheets attached in Appendix A.

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Air Samples – Fungi Analysis:

Laboratory analyses were performed on air samples by Scientific Analytical Institute, using SAI Method B-SOP-003, Direct Exam: Spore Trap Analysis of Air Sample. Areas sampled and corresponding results are shown on the ***Site Drawing*** in ***Appendix C*** and listed below:

Table 1
Fungi Laboratory Results of Air Samples

Sample Number	Location	Counts Per Cubic Meter
677739	C123	78.4 – Ascospores 235 – Aspergillus/Penicillium-like 78.4 – Cladosporium 78.4 – Myxomycete/Rust/Smut-like
		470 – Total Fungi 40 – 60 % - Skin Cell Debris 20 – 40 % - Total Debris

Sample Number	Location	Counts Per Cubic Meter
677644	C127	235 – Ascospores 862– Aspergillus/Penicillium-like 157 – Basidiospores 392 – Cladosporium 157 – Curvularia 470 – Myxomycete/Rust/Smut-like
		2,270 – Total Fungi 157 – Hyphal Fragments 20 – 40 % - Skin Cell Debris 60 – 80 % - Total Debris

Sample Number	Location	Counts Per Cubic Meter
677706	C128	78.4 – Ascospores 157 – Basidiospores 78.4 – Myxomycete/Rust/Smut-like
		313 – Total Fungi 20 – 40 % - Skin Cell Debris 20 – 40 % - Total Debris

Sample Number	Location	Counts Per Cubic Meter
677663	C129	78.4 – Ascospores 235 – Aspergillus/Penicillium-like 78.4 – Basidiospores 235 – Cladosporium
		627– Total Fungi 20 – 40 % - Skin Cell Debris 0 – 20 % - Total Debris

See laboratory data sheets attached in Appendix A.

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Air Samples – Fungi Analysis:

Laboratory analyses were performed on air samples by Scientific Analytical Institute, using SAI Method B-SOP-003, Direct Exam: Spore Trap Analysis of Air Sample. Areas sampled and corresponding results are shown on the ***Site Drawing*** in ***Appendix C*** and listed below:

Table 1
Fungi Laboratory Results of Air Samples

Sample Number	Location	Counts Per Cubic Meter
677709	C138	78.4 – Basidiospores
		78.4 – Total Fungi 20 – 40 % - Skin Cell Debris 0 – 20 % - Total Debris

Sample Number	Location	Counts Per Cubic Meter
677589	C139	78.4 – Ascospores 78.4 – Epicoccum
		157 – Total Fungi 157 – Hyphal Fragments 20 – 40 % - Skin Cell Debris 0 – 20 % - Total Debris

Sample Number	Location	Counts Per Cubic Meter
677704	C140	78.4 – Ascospores 78.4 – Basidiospores
		157 – Total Fungi 20 – 40 % - Skin Cell Debris 0 – 20 % - Total Debris

Sample Number	Location	Counts Per Cubic Meter
677640	C141	157 – Ascospores 549 – Aspergillus/Penicillium-like 78.4 – Basidiospores 235 – Myxomycete/Rust/Smut-like
		1,020 – Total Fungi 78.4 – Hyphal Fragments 78.4 - Pollen 40 – 60 % - Skin Cell Debris 20 – 40 % - Total Debris

See laboratory data sheets attached in Appendix A.

III. SAMPLE LABORATORY ANALYSIS AND IAQ MEASUREMENTS:

Air Samples – Fungi Analysis:

Laboratory analyses were performed on air samples by Scientific Analytical Institute, using SAI Method B-SOP-003, Direct Exam: Spore Trap Analysis of Air Sample. Areas sampled and corresponding results are shown on the ***Site Drawing*** in ***Appendix C*** and listed below:

Table 1
Fungi Laboratory Results of Air Samples

Sample Number	Location	Counts Per Cubic Meter
677561	B102	157 – Ascospores 705 – Aspergillus/Penicillium-like 392 – Basidiospores 78.4 – Cladosporium 235 – Myxomycete/Rust/Smut-like
		1,570 – Total Fungi 157 – Hyphal Fragments 40 – 60 % - Skin Cell Debris 40 – 60 % - Total Debris

Sample Number	Location	Counts Per Cubic Meter
677630	B104	235 – Ascospores 313 – Aspergillus/Penicillium-like 78.4 – Basidiospores 313 – Cladosporium 157 – Myxomycete/Rust/Smut-like
		1,100 – Total Fungi 78.4 – Hyphal Fragments 40 – 60 % - Skin Cell Debris 40 – 60 % - Total Debris

Sample Number	Location	Counts Per Cubic Meter
724661	B139	157 – Alternaria 157 – Ascospores 78.4 – Basidiospores 235 – Cladosporium 549 – Myxomycete/Rust/Smut-like
		1,180 – Total Fungi 78.4 – Hyphal Fragments 40 – 60 % - Skin Cell Debris 40 – 60 % - Total Debris

See laboratory data sheets attached in Appendix A.

III. SAMPLE LABORATORY ANALYSIS AND IAQ MEASUREMENTS:

Air Samples – Fungi Analysis:

Laboratory analyses were performed on air samples by Scientific Analytical Institute, using SAI Method B-SOP-003, Direct Exam: Spore Trap Analysis of Air Sample. Areas sampled and corresponding results are shown on the ***Site Drawing*** in ***Appendix C*** and listed below:

Table 1
Fungi Laboratory Results of Air Samples

Sample Number	Location	Counts Per Cubic Meter
724711	B138	157 – Ascospores 940 – Aspergillus/Penicillium-like 78.4 – Basidiospores
		1,180 – Total Fungi 40 – 60 % - Skin Cell Debris 20 – 40 % - Total Debris

Sample Number	Location	Counts Per Cubic Meter
724673	B136	78.4 – Ascospores 78.4 – Basidiospores 78.4 – Cladosporium 78.4 - Curvularia
		313 – Total Fungi 40 – 60 % - Skin Cell Debris 0 – 20 % - Total Debris

Sample Number	Location	Counts Per Cubic Meter
677685	B133	313 – Ascospores 1,650 – Aspergillus/Penicillium-like 235 – Basidiospores 5,720 – Cladosporium 78.4 – Epicoccum 784 – Myxomycete/Rust/Smut-like 78.4 – Pithomyces 78.4 - Torula
		8,930 – Total Fungi 705 – Hyphal Fragments 40 – 60 % - Skin Cell Debris 40 – 60 % - Total Debris

Sample Number	Location	Counts Per Cubic Meter
724657	B132	78.4 – Ascospores
		78.4 – Total Fungi 20 – 40 % - Skin Cell Debris 0 – 20 % - Total Debris

See laboratory data sheets attached in Appendix A.

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Air Samples – Fungi Analysis:

Laboratory analyses were performed on air samples by Scientific Analytical Institute, using SAI Method B-SOP-003, Direct Exam: Spore Trap Analysis of Air Sample. Areas sampled and corresponding results are shown on the ***Site Drawing*** in ***Appendix C*** and listed below:

Table 1
Fungi Laboratory Results of Air Samples

Sample Number	Location	Counts Per Cubic Meter
724645	B129	157 – Ascospores 313– Aspergillus/Penicillium-like 157 – Basidiospores 235 – Cladosporium
		862 – Total Fungi 157 – Hyphal Fragments 40 – 60 % - Skin Cell Debris 20 – 40 % - Total Debris

Sample Number	Location	Counts Per Cubic Meter
677729	B126	157 – Ascospores 157 – Basidiospores 78.4 – Cladosporium 78.4 - Nigrospora
		470 – Total Fungi 40 – 60 % - Skin Cell Debris 40 – 60 % - Total Debris

Sample Number	Location	Counts Per Cubic Meter
677560	B103	157 – Ascospores 2,040 – Aspergillus/Penicillium-like 78.4 – Basidiospores 78.4 - Chaetomium 157 – Cladosporium 78.4 – Curvularia
		2,590 – Total Fungi 40 – 60 % - Skin Cell Debris 40 – 60 % - Total Debris

Sample Number	Location	Counts Per Cubic Meter
677600	B107	78.4 – Ascospores 157 – Cladosporium
		235 – Total Fungi 20 – 40 % - Skin Cell Debris 0 – 20 % - Total Debris

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Air Samples – Fungi Analysis:

Laboratory analyses were performed on air samples by Scientific Analytical Institute, using SAI Method B-SOP-003, Direct Exam: Spore Trap Analysis of Air Sample. Areas sampled and corresponding results are shown on the ***Site Drawing*** in ***Appendix C*** and listed below:

Table 1
Fungi Laboratory Results of Air Samples

Sample Number	Location	Counts Per Cubic Meter
677660	B108	157 – Ascospores 549 – Aspergillus/Penicillium-like 157 – Basidiospores 78.4 - Cladosporium 470 – Myxomycete/Rust/Smut-like
		1,410 – Total Fungi 78.4 – Hyphal Fragments 40 – 60 % - Skin Cell Debris 40 – 60 % - Total Debris

Sample Number	Location	Counts Per Cubic Meter
677557	B120	78.4 – Ascospores
		78.4 – Total Fungi 20 – 40 % - Skin Cell Debris 0 – 20 % - Total Debris

Sample Number	Location	Counts Per Cubic Meter
677669	B121	157 – Ascospores 705 – Aspergillus/Penicillium-like 78.4 – Basidiospores 78.4 - Cladosporium 78.4 – Myxomycete/Rust/Smut-like
		1,100 – Total Fungi 78.4 – Hyphal Fragments 40 – 60 % - Skin Cell Debris 20 – 40 % - Total Debris

Sample Number	Location	Counts Per Cubic Meter
677563	B124	78.4 – Ascospores 392 – Aspergillus/Penicillium-like
		470 – Total Fungi 20 – 40 % - Skin Cell Debris 20 – 40 % - Total Debris

See laboratory data sheets attached in Appendix A.

III. SAMPLE LABORATORY ANALYSIS AND IAQ MEASUREMENTS:

Air Samples – Fungi Analysis:

Laboratory analyses were performed on air samples by Scientific Analytical Institute, using SAI Method B-SOP-003, Direct Exam: Spore Trap Analysis of Air Sample. Areas sampled and corresponding results are shown on the ***Site Drawing*** in ***Appendix C*** and listed below:

Table 1
Fungi Laboratory Results of Air Samples

Sample Number	Location	Counts Per Cubic Meter
677693	B125	313 – Ascospores 470 – Aspergillus/Penicillium-like 313 – Basidiospores 235 - Cladosporium 313 – Myxomycete/Rust/Smut-like
		1,650 – Total Fungi 78.4 – Hyphal Fragments 40 – 60 % - Skin Cell Debris 40 – 60 % - Total Debris

Sample Number	Location	Counts Per Cubic Meter
724558	A114	157 – Ascospores 1,100 – Aspergillus/Penicillium-like 313 – Basidiospores 78.4 - Cladosporium
		1,650 – Total Fungi 40 – 60 % - Skin Cell Debris 40 – 60 % - Total Debris

Sample Number	Location	Counts Per Cubic Meter
677662	Administration Corridor @ A111	78.4 – Ascospores 157 – Aspergillus/Penicillium-like 78.4 – Basidiospores 235 - Cladosporium 157 – Myxomycete/Rust/Smut-like
		705 – Total Fungi 40 – 60 % - Skin Cell Debris 40 – 60 % - Total Debris

See laboratory data sheets attached in Appendix A.

III. SAMPLE LABORATORY ANALYSIS AND IAQ MEASUREMENTS:

Air Samples – Fungi Analysis:

Laboratory analyses were performed on air samples by Scientific Analytical Institute, using SAI Method B-SOP-003, Direct Exam: Spore Trap Analysis of Air Sample. Areas sampled and corresponding results are shown on the ***Site Drawing*** in ***Appendix C*** and listed below:

Table 1

Sample Number	Location	Counts Per Cubic Meter
677622	Gymnasium	157 – Aspergillus/Penicillium-like 78.4 – Basidiospores
		235 – Total Fungi 40 – 60 % - Skin Cell Debris 20 – 40 % - Total Debris

Sample Number	Location	Counts Per Cubic Meter
677670	Cafeteria – A124	549 – Ascospores 862 – Aspergillus/Penicillium-like 235 – Basidiospores 157 – Cladosporium 235 - Stachybotrys
		2,040 – Total Fungi 235 – Hyphal Fragments 0 – 20 % - Skin Cell Debris 60 – 80 % - Total Debris

Sample Number	Location	Counts Per Cubic Meter
677689	Exterior	78.4 – Alternaria 4,860 – Ascospores 157 – Aspergillus/Penicillium-like 2,660 – Basidiospores 1,650 – Cladosporium 78.4 – Curvularia 78.4 – Epicoccum 705 – Myxomycete/Rust/Smut-like 78.4 – Unknown/Other
		10,300 – Total Fungi 78.4 – Hyphal Fragments 0 – 20 % - Skin Cell Debris 40 – 60 % - Total Debris

See laboratory data sheets attached in Appendix A.

III. SAMPLE LABORATORY ANALYSIS AND IAQ MEASUREMENTS continued:

CO, CO_2, Temperature, and RH:

Carbon monoxide, carbon dioxide, temperature, and relative humidity (RH) were measured using the AQM4 Indoor Air Quality Meter which as the capability to log readings over a specified period of time and graph the individual measurements. See recorded measurements in ***Table 2*** below:

TABLE 2
CO, CO_2, Temperature, and RH

Location	Temperature	% Relative Humidity	Carbon Monoxide ppm	Carbon Dioxide ppm
D132	66.7	36.7	0	559
D131	67.0	33.3	0	558
D130	69.5	30.7	0	608
D127	69.8	30.6	0	579
D126	69.5	30.8	0	581
D125	70.1	31.1	0	561
D124	70.8	28.7	0	562
D105	69.3	31.9	0	654
D103	68.0	32.5	0	536
D109	65.5	35.1	0	556
D110	66.2	35.0	0	583
D111	66.5	31.9	0	563
D120	69.1	29.9	0	570
D121	68.8	30.8	0	541
D122	70.3	29.8	0	563
D123	70.8	28.8	0	575
D104	69.2	30.7	0	1,276
C106	69.1	30.6	0	537
C152	70.3	29.5	0	540
C151	70.0	27.8	0	551
C150	69.2	28.7	0	587
C149	70.5	26.5	0	569
C148	70.4	27.9	0	551
C145	69.8	27.1	0	538
C144	70.0	28.2	0	557
C143	70.1	27.6	0	572
C142	70.0	26.7	0	542
C116	69.8	28.7	0	773
C105	68.2	31.8	0	554
C122	68.1	28.1	0	538
C123	67.8	28.7	0	566

III. SAMPLE LABORATORY ANALYSIS AND IAQ MEASUREMENTS continued:

CO, CO_2, Temperature, and RH:

Carbon monoxide, carbon dioxide, temperature, and relative humidity (RH) were measured using the AQM4 Indoor Air Quality Meter which as the capability to log readings over a specified period of time and graph the individual measurements. See recorded measurements in ***Table 2*** below:

TABLE 2
CO, CO_2, Temperature, and RH

Location	Temperature	% Relative Humidity	Carbon Monoxide ppm	Carbon Dioxide ppm
C127	68.3	28.1	0	525
C128	69.8	27.2	0	577
C129	69.3	26.8	0	574
C138	68.9	27.2	0	528
C139	69.1	27.5	0	548
C140	69.8	26.9	0	559
C141	69.7	26.4	0	528
B102	70.4	28.0	0	537
B104	70.5	27.4	0	552
B139	71.3	27.6	0	561
B138	70.2	26.8	0	518
B136	70.7	28.3	0	567
B133	68.8	29.8	0	569
B132	68.8	29.0	0	558
B129	68.3	29.6	0	542
B126	68.9	28.2	0	789
B103	70.1	28.5	0	551
B107	71.2	25.2	0	524
B108	70.4	26.7	0	531
B120	69.0	26.9	0	521
B121	68.5	27.6	0	982
B124	68.8	28.5	0	552
B125	68.6	30.0	0	563
A114	68.9	30.2	0	560
Adm Corridor@ A111	68.9	29.7	0	548
Gymnasium	66.2	30.6	0	538
Cafeteria A124	68.0	28.8	0	522
Exterior	54.8	34.5	0	519

III. SAMPLE LABORATORY ANALYSIS AND IAQ MEASUREMENTS continued:
Particle Counts:

The particle counter measures three (3) particle sizes simultaneously including 0.3µ, 0.5µ and 5.0µ particles. Particle counts were measured using the total (cumulative) count mode for one minute at a flow rate of 2.83 liters per minute. Three readings were measured at each sample location. See recorded readings in ***Table 3*** below:

TABLE 3
Particle Counts

Location	0.3 *u*	0.5 *u*	5.0 *u*
D132	1,815	126	0
D131	1,857	132	0
D130	710	85	0
D127	1,070	100	0
D126	1,134	133	0
D125	603	49	0
D124	868	66	0
D105	929	71	0
D103	1,535	104	0
D109	1,696	102	0
D110	1,122	54	0
D111	699	42	0
D120	868	71	0
D121	1,447	96	0
D122	663	141	0
D123	836	63	0
D104	1,276	93	0
C106	1,168	154	0
C152	1,408	252	0
C151	1,599	245	0
C150	1,401	248	0
C149	1,175	159	0
C148	589	96	0
C145	617	75	0
C144	652	55	0
C143	1,043	115	0
C142	648	91	0
C116	1,241	71	0
C105	728	55	0
C122	1,633	117	0
C123	1,654	116	0

III. SAMPLE LABORATORY ANALYSIS AND IAQ MEASUREMENTS continued:
Particle Counts:

The particle counter measures three (3) particle sizes simultaneously including 0.3µ, 0.5µ and 5.0µ particles. Particle counts were measured using the total (cumulative) count mode for one minute at a flow rate of 2.83 liters per minute. Three readings were measured at each sample location. See recorded readings in ***Table 3*** below:

TABLE 3
Particle Counts

Location	0.3 *u*	0.5 *u*	5.0 *u*
C127	1,484	127	0
C128	1,452	134	0
C129	1,383	154	0
C138	1,428	143	0
C139	1,307	86	0
C140	1,288	89	0
C141	1,206	90	0
B102	1,160	83	0
B104	1,139	67	0
B139	1,114	65	0
B138	935	59	0
B136	1,239	63	0
B133	1,168	86	0
B132	1,084	77	0
B129	924	71	0
B126	932	63	0
B103	1,354	127	0
B107	1,100	78	0
B108	628	49	0
B120	1,354	77	0
B121	982	57	0
B124	854	61	0
B125	684	43	0
A114	714	83	0
Adm Corridor@ A111	891	59	0
Gymnasium	598	72	0
Cafeteria A124	1,276	160	0
Exterior	2,985	272	6

IV. CONCLUSIONS:

The following conclusions are based on the results of laboratory analyses of air and surface samples, general indoor air quality measurements, and inspections:

The total interior air fungal counts in the areas tested in this study range from 78.4 – 15,000 counts/m^3 compared to a count of 10,300 counts/m^3 outdoors. It is generally accepted that a functioning HVAC system with proper filtrations will have counts approximately 1/3 total counts/m^3 of the exterior levels.

Thirteen (13) of the seventeen (17) classrooms of D Wing sampled are below the recommended 1/3 total counts/m^3 of the exterior levels.

Nineteen (19) of the twenty-one (21) classrooms of C Wing sampled are below the recommended 1/3 total counts/m^3 of the exterior levels.

Fifteen (15) of the sixteen (16) classrooms of B Wing sampled are below the recommended 1/3 total counts/m^3 of the exterior levels.

All four (4) areas of A Wing sampled are below the recommended 1/3 total counts/m^3 of the exterior levels

The following fungal species were identified indoors at a higher level than the exterior level:

D Wing Classrooms:

Room D132		
Aspergillus/Penicillium-like	5,720 counts/m^3	Exterior – 157 counts/m^3
Room D131		
Aspergillus/Penicillium-like	470 counts/m^3	Exterior – 157 counts/m^3
Room D130		
Aspergillus/Penicillium-like	1,410 counts/m^3	Exterior – 157 counts/m^3
Room D127		
Aspergillus/Penicillium-like	3,130 counts/m^3	Exterior – 157 counts/m^3
Room D126		
Aspergillus/Penicillium-like	8,700 counts/m^3	Exterior – 157 counts/m^3
Epicoccum	157 counts/m^3	Exterior – 78.4 counts/m^3
Myxomycete/Rust/Smut-like	3,600 counts/m^3	Exterior – 705 counts/m^3
Room D125		
Aspergillus/Penicillium-like	1,180 counts/m^3	Exterior – 157 counts/m^3

The following fungal species were identified indoors at a higher level than the exterior level:

D Wing Classrooms continued:

Room D124		
Aspergillus/Penicillium-like	627 counts/m^3	Exterior – 157 counts/m^3
Room D105		
Aspergillus/Penicillium-like	1,330 counts/m^3	Exterior – 157 counts/m^3
Room D103		
Aspergillus/Penicillium-like	235 counts/m^3	Exterior – 157 counts/m^3
Room D109		
Aspergillus/Penicillium-like	470 counts/m^3	Exterior – 157 counts/m^3
Room D120		
Nigrospora	78.4 counts/m^3	Exterior – 0 counts/m^3
Room D122		
Aspergillus/Penicillium-like	470 counts/m^3	Exterior – 157 counts/m^3
Cladosporium	3,060 counts/m^3	Exterior – 1,650 counts/m^3
Curvularia	235 counts/m^3	Exterior – 78.4 counts/m^3
Myxomycete/Rust/Smut-like	862 counts/m^3	Exterior – 705 counts/m^3
Room D104		
Aspergillus/Penicillium-like	940 counts/m^3	Exterior – 157 counts/m^3
Epicoccum	157 counts/m^3	Exterior – 78.4 counts/m^3

C Wing Classrooms

Room C106		
Aspergillus/Penicillium-like	784 counts/m^3	Exterior – 157 counts/m^3
Room C152		
Aspergillus/Penicillium-like	470 counts/m^3	Exterior – 157 counts/m^3
Room C151		
Aspergillus/Penicillium-like	313 counts/m^3	Exterior – 157 counts/m^3
Room C150		
Aspergillus/Penicillium-like	705 counts/m^3	Exterior – 157 counts/m^3
Room C149		
Aspergillus/Penicillium-like	1,020 counts/m^3	Exterior – 157 counts/m^3
Room C148		
Aspergillus/Penicillium-like	1,650 counts/m^3	Exterior – 157 counts/m^3

The following fungal species were identified indoors at a higher level than the exterior level:

C Wing Classrooms continued:

Room C145		
Aspergillus/Penicillium-like	235 counts/m^3	Exterior – 157 counts/m^3
Room C143		
Aspergillus/Penicillium-like	2,190 counts/m^3	Exterior – 157 counts/m^3
Room C142		
Alternaria	157 counts/m^3	Exterior – 78.4 counts/m^3
Aspergillus/Penicillium-like	1,330 counts/m^3	Exterior – 157 counts/m^3
Cladosporium	1,800 counts/m^3	Exterior – 1,650 counts/m^3
Stachybotrys	78.4 counts/m^3	Exterior – 0 counts/m^3
Room C116		
Aspergillus/Penicillium-like	5,960 counts/m^3	Exterior – 157 counts/m^3
Cladosporium	1,720 counts/m^3	Exterior – 1,650 counts/m^3
Myxomycete/Rust/Smut-like	1,650 counts/m^3	Exterior – 705 counts/m^3
Room C123		
Aspergillus/Penicillium-like	235 counts/m^3	Exterior – 157 counts/m^3
Room C127		
Aspergillus/Penicillium-like	862 counts/m^3	Exterior – 157 counts/m^3
Room C129		
Aspergillus/Penicillium-like	235 counts/m^3	Exterior – 157 counts/m^3
Room C141		
Aspergillus/Penicillium-like	549 counts/m^3	Exterior – 157 counts/m^3

The following fungal species were identified indoors at a higher level than the exterior level:

B Wing Classrooms

Room B102		
Aspergillus/Penicillium-like	705 counts/m^3	Exterior – 157 counts/m^3
Room B104		
Aspergillus/Penicillium-like	313 counts/m^3	Exterior – 157 counts/m^3
Room B139		
Alternaria	157 counts/m^3	Exterior – 78.4 counts/m^3
Room B138		
Aspergillus/Penicillium-like	940 counts/m^3	Exterior – 157 counts/m^3
Room B133		
Aspergillus/Penicillium-like	1,650 counts/m^3	Exterior – 157 counts/m^3
Cladosporium	5,720 counts/m^3	Exterior – 1,650 counts/m^3
Myxomycete/Rust/Smut-like	784 counts/m^3	Exterior – 705 counts/m^3
Pithomyces	78.4 counts/m^3	Exterior – 0 counts/m^3
Torula	78.4 counts/m^3	Exterior – 0 counts/m^3
Room B129		
Aspergillus/Penicillium-like	313 counts/m^3	Exterior – 157 counts/m^3
Room B126		
Nigrospora	78.4 counts/m^3	Exterior – 0 counts/m^3
Room B103		
Aspergillus/Penicillium-like	2,040 counts/m^3	Exterior – 157 counts/m^3
Room B108		
Aspergillus/Penicillium-like	549 counts/m^3	Exterior – 157 counts/m^3
Room B121		
Aspergillus/Penicillium-like	705 counts/m^3	Exterior – 157 counts/m^3
Room B124		
Aspergillus/Penicillium-like	392 counts/m^3	Exterior – 157 counts/m^3
Room B125		
Aspergillus/Penicillium-like	470 counts/m^3	Exterior – 157 counts/m^3

The following fungal species were identified indoors at a higher level than the exterior level:

A Wing Area

Room A114		
Aspergillus/Penicillium-like	1,100 counts/m^3	Exterior – 157 counts/m^3
Room A124 (Cafeteria)		
Aspergillus/Penicillium-like	862 counts/m^3	Exterior – 157 counts/m^3
Stachybotrys	235 counts/m^3	Exterior – 0 counts/m^3

Based on the American Society of Heating, Refrigeration and Air-Conditioning Engineers (ASHRAE), a "comfort zone" is defined as an area where comfort is maintained for 80% of the users of a space. Figure 1 of ***Appendix B*** depicts the ASHRAE graph illustrating temperature and relative humidity and the area of the "comfort zone". The interior areas tested in this study are outside the ASHRAE comfort zone due to low temperatures and low humidity. Additionally, some areas are not in compliance with ASHRAE Standard 62-2001 recommended limits of 30 - 60% for indoor air as shown in ***Table 2*** of ***Section III***.

Indoor carbon dioxide levels in the majority of the interior areas tested in this study are greater than the ASHRAE recommended level of 1,000 ppm for indoor air. Other literature indicates adequate ventilation in an indoor environment at $\leq$ 600 ppm. The interior sampling data indicated levels ranging from 925 – 2,127 ppm as shown in ***Table 2*** of ***Section III***.

The carbon monoxide levels measured in all indoor areas tested in this study are well below the OSHA Time Weighted Average (TWA) of 25 ppm. All interior levels are 0 ppm as shown in ***Table 2*** of ***Section III***.

Indoor ambient particle counts ranged from 589 – 1,857 at 0.3 micron, 42 - 252 at 0.5 micron and 0 at 5.0 micron for the interior areas tested in this study. Outdoor particle counts are 2,985 at 0.3 micron, 272 at 0.5 micron and 6 at 5.0 micron. Indoor particle counts are lower than outdoor counts at the 0.3, 0.5 and 5.0 micron levels as shown in ***Table 3*** of ***Section III***.

V. RECOMMENDATIONS & DISCUSSION:

The following recommendations and discussion are based on the results of air sample laboratory results, general indoor air quality measurements, and visual inspections:

Surfaces of the HVAC Air Handling Units (AHUs) contain excessive amounts of dust/debris and visible microbial growth as shown in the Site Photographs 1 – 10 attached in Appendix D.

All components of all HVAC systems within the building require a thorough and detailed cleaning. These cleaning activities should be conducted by trained professionals which utilize system isolation via engineering controls and HEPA air filtration to eliminate the spread of spores to other areas.

HEPA vacuuming and wet wipe methods with an EPA registered disinfectant/sanitizer should be utilized on all HVAC components (Air Handing Units, Ductwork, Supply Diffusers and Return Air Diffusers). The internal components of the Air Handling Units and all related Ductwork and diffusers should be visible free of dust, debris and visible mold growth.

All cleaning procedures should be conducted in accordance with the ***National Air Duct Cleaners Association (NADCA) Guidelines*** and ***ANSI IICRC S520 Standard and Reference Guide for Professional Mold Remediation.***

APPENDIX A

AIR SAMPLE
LABORATORY ANALYSIS

Reliant Environmental

Direct Exam: Spore Trap Analysis

SAI Method B-SOP-003

Customer: Reliant Environmental
92 Elaine Dr
Canton, NC 28716

Attn: Terry LaDuke
Shane Moody

Project: CCE

Lab Order ID: **10122757**
Analysis: STA
Date Received: 11/13/2026
Date Reported: 11/14/2026

Sample ID	677688			724499			724651			EXTERIOR		
Lab Sample ID	10122757_0001			10122757_0002			10122757_0003			AVERAGE		
Description	D132			D131			D130			N/A		
Lab Notes										N/A		
Volume (L)	75			75			75			N/A		
Analytical Sensitivity (counts/m³)	78			78			78			N/A		
IDENTIFICATION	**Raw Count**	**Concentration (counts/m³)**	**% Of Total**	**Raw Count**	**Concentration (counts/m³)**	**% Of Total**	**Raw Count**	**Concentration (counts/m³)**	**% Of Total**	**Raw Count**	**Concentration (counts/m³)**	**% Of Total**
Alternaria										1	78.4	0.758%
Ascospores	4	313	3.7%	3	235	16.7%	1	78.4	4.55%	62	4860	47.0%
Aspergillus/Penicillium-like	73	5720	67.6%	6	470	33.3%	18	1410	81.8%	2	157	1.52%
Basidiospores	7	549	6.48%	1	78.4	5.56%	1	78.4	4.55%	34	2660	25.8%
Chaetomium												
Cladosporium	14	1100	13.0%	1	78.4	5.56%	1	78.4	4.55%	21	1650	15.9%
Curvularia										1	78.4	0.758%
Drechslera/Bipolaris												
Epicoccum	2	157	1.85%							1	78.4	0.758%
Myxomycete/Rust/Smut-like	7	549	6.48%	7	549	38.9%	1	78.4	4.55%	9	705	6.82%
Nigrospora												
Pithomyces	1	78.4	0.926%									
Stachybotrys												
Torula												
Unknown/Other										1	78.4	0.758%
TOTAL	108	8460	100.%	18	1410	100.%	22	1720	100.%	132	10300	100.%
Non-Cellulosic Fibers	-	-	-	-	-	-	-	-	-	-	-	-
Hyphal Fragments	8	627	-	2	157	-	-	-	-	1	78.4	-
Insect Parts	-	-	-	-	-	-	-	-	-	-	-	-
Pollen	-	-	-	-	-	-	-	-	-	-	-	-
Skin Cell % of Total Debris		**40-60%**			**40-60%**			**40-60%**			N/A	
Total Debris in Background		**60-80%**			**40-60%**			**20-40%**			N/A	

Disclaimer: This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. Unless otherwise noted blank sample correction was not performed on analytical results. Scientific Analytical Institute participates in the AIHA EMPAT program for fungi. EMPAT Laboratory ID: 173190. Reporting Limit equals Analytical Sensitivity. Unless indicated, areas and volumes were provided by the customer.

Darrin Parrick (59)
Analyst

Approved Signatory

Scientific Analytical Institute, Inc. 4604 Dundas Dr. Greensboro, NC 27407 (336) 292-3888

Indoor Air Quality Testing
ISS – Coddle Creek Elementary
141 Franks Crossing Loop - Mooresville, NC

Reliant Environmental

Direct Exam: Spore Trap Analysis

SAI Method B-SOP-003

Customer: Reliant Environmental
92 Elaine Dr
Canton, NC 28716

Attn: Terry LaDuke
Shane Moody

Project: CCE

Lab Order ID: **10122757**
Analysis: STA
Date Received: 11/13/2026
Date Reported: 11/14/2026

Sample ID	724705			724649			724700			EXTERIOR		
Lab Sample ID	10122757_0004			10122757_0005			10122757_0006			AVERAGE		
Description	D127			D126			D125			N/A		
Lab Notes										N/A		
Volume (L)	75			75			75			N/A		
Analytical Sensitivity (counts/m³)	78			78			78			N/A		
IDENTIFICATION	**Raw Count**	**Concentration (counts/m³)**	**% Of Total**	**Raw Count**	**Concentration (counts/m³)**	**% Of Total**	**Raw Count**	**Concentration (counts/m³)**	**% Of Total**	**Raw Count**	**Concentration (counts/m³)**	**% Of Total**
Alternaria				1	78.4	0.521%				1	78.4	0.758%
Ascospores	3	235	5.26%	10	784	5.21%	1	78.4	4.76%	62	4860	47.0%
Aspergillus/Penicillium-like	40	3130	70.2%	111	8700	57.8%	15	1180	71.4%	2	157	1.52%
Basidiospores	2	157	3.51%	10	784	5.21%	1	78.4	4.76%	34	2660	25.8%
Chaetomium												
Cladosporium	6	470	10.5%	9	705	4.69%	2	157	9.52%	21	1650	15.9%
Curvularia	2	157	3.51%	2	157	1.04%				1	78.4	0.758%
Drechslera/Bipolaris												
Epicoccum				2	157	1.04%	1	78.4	4.76%	1	78.4	0.758%
Myxomycete/Rust/Smut-like	4	313	7.02%	46	3600	24.0%	1	78.4	4.76%	9	705	6.82%
Nigrospora												
Pithomyces				1	78.4	0.521%						
Stachybotrys												
Torula												
Unknown/Other										1	78.4	0.758%
TOTAL	57	4470	100.%	192	15000	100.%	21	1650	100.%	132	10300	100.%
Non-Cellulosic Fibers	-	-	-	-	-	-	-	-	-	-	-	-
Hyphal Fragments	3	235	-	9	705	-	-	-	-	1	78.4	-
Insect Parts	-	-	-	-	-	-	-	-	-	-	-	-
Pollen	2	157	-	-	-	-	1	78.4	-	-	-	-
Skin Cell % of Total Debris		**60-80%**			**40-60%**			**40-60%**			**N/A**	
Total Debris in Background		**40-60%**			**60-80%**			**40-60%**			**N/A**	

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Darrin Parrick (59)
Analyst

Approved Signatory

Scientific Analytical Institute, Inc. 4604 Dundas Dr. Greensboro, NC 27407 (336) 292-3888

Indoor Air Quality Testing
ISS – Coddle Creek Elementary
141 Franks Crossing Loop - Mooresville, NC

Reliant Environmental

Direct Exam: Spore Trap Analysis

SAI Method B-SOP-003

Customer: Reliant Environmental
92 Elaine Dr
Canton, NC 28716

Attn: Terry LaDuke
Shane Moody

Project: CCE

Lab Order ID: **10122757**
Analysis: STA
Date Received: 11/13/2026
Date Reported: 11/14/2026

Sample ID	677713			677610			677555			EXTERIOR		
Lab Sample ID	10122757_0007			10122757_0008			10122757_0009			AVERAGE		
Description	D124			D105			D103			N/A		
Lab Notes										N/A		
Volume (L)	75			75			75			N/A		
Analytical Sensitivity (counts/m³)	78			78			78			N/A		
IDENTIFICATION	**Raw Count**	**Concentration (counts/m³)**	**% Of Total**	**Raw Count**	**Concentration (counts/m³)**	**% Of Total**	**Raw Count**	**Concentration (counts/m³)**	**% Of Total**	**Raw Count**	**Concentration (counts/m³)**	**% Of Total**
Alternaria										1	78.4	0.758%
Ascospores				3	235	9.68%	2	157	16.7%	62	4860	47.0%
Aspergillus/Penicillium-like	8	627	66.7%	17	1330	54.8%	3	235	25.0%	2	157	1.52%
Basidiospores	1	78.4	8.33%	2	157	6.45%	2	157	16.7%	34	2660	25.8%
Chaetomium												
Cladosporium	2	157	16.7%	5	392	16.1%	2	157	16.7%	21	1650	15.9%
Curvularia							1	78.4	8.33%	1	78.4	0.758%
Drechslera/Bipolaris												
Epicoccum										1	78.4	0.758%
Myxomycete/Rust/Smut-like	1	78.4	8.33%	4	313	12.9%	1	78.4	8.33%	9	705	6.82%
Nigrospora												
Pithomyces							1	78.4	8.33%			
Stachybotrys												
Torula												
Unknown/Other										1	78.4	0.758%
TOTAL	12	940.	100.%	31	2430	100.%	12	940.	100.%	132	10300	100.%
Non-Cellulosic Fibers	-	-	-	-	-	-	-	-	-	-	-	-
Hyphal Fragments	-	-	-	3	235	-	1	78.4	-	1	78.4	-
Insect Parts	-	-	-	-	-	-	-	-	-	-	-	-
Pollen	-	-	-	-	-	-	-	-	-	-	-	-
Skin Cell % of Total Debris		**40-60%**			**40-60%**			**40-60%**			N/A	
Total Debris in Background		**20-40%**			**40-60%**			**20-40%**			N/A	

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Reliant Environmental

Direct Exam: Spore Trap Analysis

SAI Method B-SOP-003

Customer: Reliant Environmental
92 Elaine Dr
Canton, NC 28716

Attn: Terry LaDuke
Shane Moody

Project: CCE

Lab Order ID: **10122757**
Analysis: STA
Date Received: 11/13/2026
Date Reported: 11/14/2026

Sample ID	677693			677691			677585			EXTERIOR		
Lab Sample ID	10122757_0010			10122757_0011			10122757_0012			AVERAGE		
Description	D109			D110			D111			N/A		
Lab Notes										N/A		
Volume (L)	75			75			75			N/A		
Analytical Sensitivity (counts/m³)	78			78			78			N/A		
IDENTIFICATION	Raw Count	Concentration (counts/m³)	% Of Total	Raw Count	Concentration (counts/m³)	% Of Total	Raw Count	Concentration (counts/m³)	% Of Total	Raw Count	Concentration (counts/m³)	% Of Total
Alternaria										1	78.4	0.758%
Ascospores	4	313	19.0%	1	78.4	14.3%	1	78.4	25.0%	62	4860	47.0%
Aspergillus/Penicillium-like	6	470	28.6%							2	157	1.52%
Basidiospores	2	157	9.52%	1	78.4	14.3%	1	78.4	25.0%	34	2660	25.8%
Chaetomium												
Cladosporium	5	392	23.8%	1	78.4	14.3%				21	1650	15.9%
Curvularia	1	78.4	4.76%							1	78.4	0.758%
Drechslera/Bipolaris												
Epicoccum										1	78.4	0.758%
Myxomycete/Rust/Smut-like	3	235	14.3%	4	313	57.1%	1	78.4	25.0%	9	705	6.82%
Nigrospora												
Pithomyces							1	78.4	25.0%			
Stachybotrys												
Torula												
Unknown/Other										1	78.4	0.758%
TOTAL	21	1650	100.%	7	549	100.%	4	313	100.%	132	10300	100.%
Non-Cellulosic Fibers	-	-	-	-	-	-	-	-	-	-	-	-
Hyphal Fragments	-	-	-	-	-	-	1	78.4	-	1	78.4	-
Insect Parts	-	-	-	-	-	-	-	-	-	-	-	-
Pollen	-	-	-	-	-	-	-	-	-	-	-	-
Skin Cell % of Total Debris		40-60%			40-60%			20-40%			N/A	
Total Debris in Background		40-60%			20-40%			20-40%			N/A	

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ISS – Coddle Creek Elementary
141 Franks Crossing Loop - Mooresville, NC

Reliant Environmental

Direct Exam: Spore Trap Analysis

SAI Method B-SOP-003

Customer: Reliant Environmental
92 Elaine Dr
Canton, NC 28716

Attn: Terry LaDuke
Shane Moody

Project: CCE

Lab Order ID: **10122757**
Analysis: STA
Date Received: 11/13/2026
Date Reported: 11/14/2026

Sample ID	677727			677735			677734			EXTERIOR		
Lab Sample ID	10122757_0013			10122757_0014			10122757_0015			AVERAGE		
Description	D120			D121			D122			N/A		
Lab Notes										N/A		
Volume (L)	75			75			75			N/A		
Analytical Sensitivity (counts/m³)	78			78			78			N/A		
IDENTIFICATION	**Raw Count**	**Concentration (counts/m³)**	**% Of Total**	**Raw Count**	**Concentration (counts/m³)**	**% Of Total**	**Raw Count**	**Concentration (counts/m³)**	**% Of Total**	**Raw Count**	**Concentration (counts/m³)**	**% Of Total**
Alternaria							1	78.4	1.32%	1	78.4	0.758%
Ascospores	1	78.4	20.0%	1	78.4	50.0%	9	705	11.8%	62	4860	47.0%
Aspergillus/Penicillium-like							6	470	7.89%	2	157	1.52%
Basidiospores	1	78.4	20.0%				7	549	9.21%	34	2660	25.8%
Chaetomium												
Cladosporium	1	78.4	20.0%				39	3060	51.3%	21	1650	15.9%
Curvularia	1	78.4	20.0%				3	235	3.95%	1	78.4	0.758%
Drechslera/Bipolaris												
Epicoccum										1	78.4	0.758%
Myxomycete/Rust/Smut-like				1	78.4	50.0%	11	862	14.5%	9	705	6.82%
Nigrospora	1	78.4	20.0%									
Pithomyces												
Stachybotrys												
Torula												
Unknown/Other										1	78.4	0.758%
TOTAL	**5**	**392**	**100.%**	**2**	**157**	**100.%**	**76**	**5960**	**100.%**	**132**	**10300**	**100.%**
Non-Cellulosic Fibers	-	-	-	-	-	-	-	-	-	-	-	-
Hyphal Fragments	-	-	-	-	-	-	4	313	-	1	78.4	-
Insect Parts	-	-	-	-	-	-	-	-	-	-	-	-
Pollen	-	-	-	-	-	-	-	-	-	-	-	-
Skin Cell % of Total Debris		**20-40%**			**20-40%**			**20-40%**			**N/A**	
Total Debris in Background		**20-40%**			**0-20%**			**60-80%**			**N/A**	

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SAI Method B-SOP-003

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Canton, NC 28716

Attn: Terry LaDuke
Shane Moody

Project: CCE

Lab Order ID: **10122757**
Analysis: STA
Date Received: 11/13/2026
Date Reported: 11/14/2026

Sample ID	677558			677587			677657			EXTERIOR		
Lab Sample ID	10122757_0016			10122757_0017			10122757_0018			AVERAGE		
Description	D123			D104			C106			N/A		
Lab Notes										N/A		
Volume (L)	75			75			75			N/A		
Analytical Sensitivity (counts/m³)	78			78			78			N/A		
IDENTIFICATION	**Raw Count**	**Concentration (counts/m³)**	**% Of Total**	**Raw Count**	**Concentration (counts/m³)**	**% Of Total**	**Raw Count**	**Concentration (counts/m³)**	**% Of Total**	**Raw Count**	**Concentration (counts/m³)**	**% Of Total**
Alternaria	1	78.4	14.3%							1	78.4	0.758%
Ascospores				3	235	10.3%	3	235	11.5%	62	4860	47.0%
Aspergillus/Penicillium-like				12	940	41.4%	10	784	38.5%	2	157	1.52%
Basidiospores	1	78.4	14.3%	2	157	6.9%	2	157	7.69%	34	2660	25.8%
Chaetomium												
Cladosporium	1	78.4	14.3%	2	157	6.9%	9	705	34.6%	21	1650	15.9%
Curvularia	1	78.4	14.3%							1	78.4	0.758%
Drechslera/Bipolaris												
Epicoccum				2	157	6.9%				1	78.4	0.758%
Myxomycete/Rust/Smut-like	3	235	42.9%	8	627	27.6%	2	157	7.69%	9	705	6.82%
Nigrospora												
Pithomyces												
Stachybotrys												
Torula												
Unknown/Other										1	78.4	0.758%
TOTAL	**7**	**549**	**100.%**	**29**	**2270**	**100.%**	**26**	**2040**	**100.%**	**132**	**10300**	**100.%**
Non-Cellulosic Fibers	-	-	-	-	-	-	-	-	-	-	-	-
Hyphal Fragments	1	78.4	-	1	78.4	-	2	157	-	1	78.4	-
Insect Parts	-	-	-	-	-	-	-	-	-	-	-	-
Pollen	-	-	-	-	-	-	-	-	-	-	-	-
Skin Cell % of Total Debris		**20-40%**			**20-40%**			**40-60%**			**N/A**	
Total Debris in Background		**40-60%**			**60-80%**			**40-60%**			**N/A**	

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SAI Method B-SOP-003

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Shane Moody

Project: CCE

Lab Order ID: **10122757**
Analysis: STA
Date Received: 11/13/2026
Date Reported: 11/14/2026

Sample ID	677747			724697			677679			EXTERIOR		
Lab Sample ID	10122757_0019			10122757_0020			10122757_0021			AVERAGE		
Description	C152			C151			C150			N/A		
Lab Notes										N/A		
Volume (L)	75			75			75			N/A		
Analytical Sensitivity (counts/m³)	78			78			78			N/A		
IDENTIFICATION	**Raw Count**	**Concentration (counts/m³)**	**% Of Total**	**Raw Count**	**Concentration (counts/m³)**	**% Of Total**	**Raw Count**	**Concentration (counts/m³)**	**% Of Total**	**Raw Count**	**Concentration (counts/m³)**	**% Of Total**
Alternaria										1	78.4	0.758%
Ascospores	4	313	22.2%	1	78.4	8.33%	2	157	7.41%	62	4860	47.0%
Aspergillus/Penicillium-like	6	470	33.3%	4	313	33.3%	9	705	33.3%	2	157	1.52%
Basidiospores	2	157	11.1%	1	78.4	8.33%	3	235	11.1%	34	2660	25.8%
Chaetomium												
Cladosporium	4	313	22.2%	5	392	41.7%	6	470	22.2%	21	1650	15.9%
Curvularia										1	78.4	0.758%
Drechslera/Bipolaris												
Epicoccum										1	78.4	0.758%
Myxomycete/Rust/Smut-like	2	157	11.1%	1	78.4	8.33%	7	549	25.9%	9	705	6.82%
Nigrospora												
Pithomyces												
Stachybotrys												
Torula												
Unknown/Other										1	78.4	0.758%
TOTAL	18	1410	100.%	12	940.	100.%	27	2120	100.%	132	10300	100.%
Non-Cellulosic Fibers	-	-	-	-	-	-	-	-	-	-	-	-
Hyphal Fragments	4	313	-	1	78.4	-	1	78.4	-	1	78.4	-
Insect Parts	-	-	-	-	-	-	-	-	-	-	-	-
Pollen	-	-	-	-	-	-	-	-	-	-	-	-
Skin Cell % of Total Debris		**40-60%**			**40-60%**			**20-40%**			N/A	
Total Debris in Background		**40-60%**			**40-60%**			**40-60%**			N/A	

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Shane Moody

Project: CCE

Lab Order ID: **10122757**
Analysis: STA
Date Received: 11/13/2026
Date Reported: 11/14/2026

Sample ID	677694			724500			677611			EXTERIOR		
Lab Sample ID	10122757_0022			10122757_0023			10122757_0024			AVERAGE		
Description	C149			C148			C145			N/A		
Lab Notes										N/A		
Volume (L)	75			75			75			N/A		
Analytical Sensitivity (counts/m³)	78			78			78			N/A		
IDENTIFICATION	**Raw Count**	**Concentration (counts/m³)**	**% Of Total**	**Raw Count**	**Concentration (counts/m³)**	**% Of Total**	**Raw Count**	**Concentration (counts/m³)**	**% Of Total**	**Raw Count**	**Concentration (counts/m³)**	**% Of Total**
Alternaria				1	78.4	3.13%				1	78.4	0.758%
Ascospores	1	78.4	5.00%	2	157	6.25%	2	157	22.2%	62	4860	47.0%
Aspergillus/Penicillium-like	13	1020	65.0%	21	1650	65.6%	3	235	33.3%	2	157	1.52%
Basidiospores	1	78.4	5.00%	1	78.4	3.13%	2	157	22.2%	34	2660	25.8%
Chaetomium												
Cladosporium	1	78.4	5.00%	4	313	12.5%	1	78.4	11.1%	21	1650	15.9%
Curvularia				1	78.4	3.13%				1	78.4	0.758%
Drechslera/Bipolaris												
Epicoccum										1	78.4	0.758%
Myxomycete/Rust/Smut-like	4	313	20.0%	2	157	6.25%	1	78.4	11.1%	9	705	6.82%
Nigrospora												
Pithomyces												
Stachybotrys												
Torula												
Unknown/Other										1	78.4	0.758%
TOTAL	20	1570	100.%	32	2510	100.%	9	705	100.%	132	10300	100.%
Non-Cellulosic Fibers	-	-	-	-	-	-	-	-	-	-	-	-
Hyphal Fragments	2	157	-	1	78.4	-	-	-	-	1	78.4	-
Insect Parts	-	-	-	-	-	-	-	-	-	-	-	-
Pollen	-	-	-	-	-	-	-	-	-	-	-	-
Skin Cell % of Total Debris		**40-60%**			**40-60%**			**40-60%**			N/A	
Total Debris in Background		**40-60%**			**40-60%**			**40-60%**			N/A	

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Shane Moody

Project: CCE

Lab Order ID: **10122757**
Analysis: STA
Date Received: 11/13/2026
Date Reported: 11/14/2026

Sample ID	677632			677694			677745			EXTERIOR		
Lab Sample ID	10122757_0025			10122757_0026			10122757_0027			AVERAGE		
Description	C144			C143			C142			N/A		
Lab Notes										N/A		
Volume (L)	75			75			75			N/A		
Analytical Sensitivity (counts/m³)	78			78			78			N/A		
IDENTIFICATION	Raw Count	Concentration (counts/m³)	% Of Total	Raw Count	Concentration (counts/m³)	% Of Total	Raw Count	Concentration (counts/m³)	% Of Total	Raw Count	Concentration (counts/m³)	% Of Total
Alternaria							2	157	3.33%	1	78.4	0.758%
Ascospores				1	78.4	2.38%	6	470.	10.0%	62	4860	47.0%
Aspergillus/Penicillium-like				28	2190	66.7%	17	1330	28.3%	2	157	1.52%
Basidiospores	1	78.4	50.0%	2	157	4.76%	3	235	5.00%	34	2660	25.8%
Chaetomium												
Cladosporium				4	313	9.52%	23	1800	38.3%	21	1650	15.9%
Curvularia							1	78.4	1.67%	1	78.4	0.758%
Drechslera/Bipolaris												
Epicoccum				1	78.4	2.38%				1	78.4	0.758%
Myxomycete/Rust/Smut-like	1	78.4	50.0%	6	470.	14.3%	7	549	11.7%	9	705	6.82%
Nigrospora												
Pithomyces												
Stachybotrys							1	78.4	1.67%			
Torula												
Unknown/Other										1	78.4	0.758%
TOTAL	2	157	100.%	42	3290	100.%	60	4700	100.%	132	10300	100.%
Non-Cellulosic Fibers	-	-	-	-	-	-	-	-	-	-	-	-
Hyphal Fragments	-	-	-	2	157	-	5	392	-	1	78.4	-
Insect Parts	-	-	-	-	-	-	-	-	-	-	-	-
Pollen	-	-	-	-	-	-	-	-	-	-	-	-
Skin Cell % of Total Debris		20-40%			40-60%			40-60%			N/A	
Total Debris in Background		0-20%			40-60%			60-80%			N/A	

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Canton, NC 28716

Attn: Terry LaDuke
Shane Moody

Project: CCE

Lab Order ID: **10122757**
Analysis: STA
Date Received: 11/13/2026
Date Reported: 11/14/2026

Sample ID	677687			677695			677674			EXTERIOR		
Lab Sample ID	10122757_0028			10122757_0029			10122757_0030			AVERAGE		
Description	C116			C105			C122			N/A		
Lab Notes										N/A		
Volume (L)	75			75			75			N/A		
Analytical Sensitivity (counts/m³)	78			78			78			N/A		
IDENTIFICATION	**Raw Count**	**Concentration (counts/m³)**	**% Of Total**	**Raw Count**	**Concentration (counts/m³)**	**% Of Total**	**Raw Count**	**Concentration (counts/m³)**	**% Of Total**	**Raw Count**	**Concentration (counts/m³)**	**% Of Total**
Alternaria	1	78.4	0.752%				1	78.4	7.14%	1	78.4	0.758%
Ascospores	5	392	3.76%	3	235	42.9%	2	157	14.3%	62	4860	47.0%
Aspergillus/Penicillium-like	76	5960	57.1%							2	157	1.52%
Basidiospores	5	392	3.76%	1	78.4	14.3%	1	78.4	7.14%	34	2660	25.8%
Chaetomium												
Cladosporium	22	1720	16.5%				3	235	21.4%	21	1650	15.9%
Curvularia							1	78.4	7.14%	1	78.4	0.758%
Drechslera/Bipolaris				1	78.4	14.3%						
Epicoccum	2	157	1.5%							1	78.4	0.758%
Myxomycete/Rust/Smut-like	21	1650	15.8%	2	157	28.6%	6	470	42.9%	9	705	6.82%
Nigrospora												
Pithomyces	1	78.4	0.752%									
Stachybotrys												
Torula												
Unknown/Other										1	78.4	0.758%
TOTAL	133	10400	100.%	7	549	100.%	14	1100	100.%	132	10300	100.%
Non-Cellulosic Fibers	-	-	-	-	-	-	-	-	-	-	-	-
Hyphal Fragments	11	862	-	-	-	-	1	78.4	-	1	78.4	-
Insect Parts	-	-	-	-	-	-	-	-	-	-	-	-
Pollen	1	78.4	-	-	-	-	-	-	-	-	-	-
Skin Cell % of Total Debris		20-40%			40-60%			40-60%			N/A	
Total Debris in Background		80-100%			20-40%			40-60%			N/A	

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Darrin Parrick (59)
Analyst

Approved Signatory

Scientific Analytical Institute, Inc. 4604 Dundas Dr. Greensboro, NC 27407 (336) 292-3888

Indoor Air Quality Testing
ISS – Coddle Creek Elementary
141 Franks Crossing Loop - Mooresville, NC

Reliant Environmental

Direct Exam: Spore Trap Analysis

SAI Method B-SOP-003

Customer: Reliant Environmental
92 Elaine Dr
Canton, NC 28716

Attn: Terry LaDuke
Shane Moody

Project: CCE

Lab Order ID: 10122757
Analysis: STA
Date Received: 11/13/2026
Date Reported: 11/14/2026

Sample ID	677739			677644			677706			EXTERIOR		
Lab Sample ID	10122757_0031			10122757_0032			10122757_0033			AVERAGE		
Description	C123			C127			C128			N/A		
Lab Notes										N/A		
Volume (L)	75			75			75			N/A		
Analytical Sensitivity (counts/m³)	78			78			78			N/A		
IDENTIFICATION	Raw Count	Concentration (counts/m³)	% Of Total	Raw Count	Concentration (counts/m³)	% Of Total	Raw Count	Concentration (counts/m³)	% Of Total	Raw Count	Concentration (counts/m³)	% Of Total
Alternaria										1	78.4	0.758%
Ascospores	1	78.4	16.7%	3	235	10.3%	1	78.4	25.0%	62	4860	47.0%
Aspergillus/Penicillium-like	3	235	50.0%	11	862	37.9%				2	157	1.52%
Basidiospores				2	157	6.9%	2	157	50.0%	34	2660	25.8%
Chaetomium												
Cladosporium	1	78.4	16.7%	5	392	17.2%				21	1650	15.9%
Curvularia				2	157	6.9%				1	78.4	0.758%
Drechslera/Bipolaris												
Epicoccum										1	78.4	0.758%
Myxomycete/Rust/Smut-like	1	78.4	16.7%	6	470	20.7%	1	78.4	25.0%	9	705	6.82%
Nigrospora												
Pithomyces												
Stachybotrys												
Torula												
Unknown/Other										1	78.4	0.758%
TOTAL	6	470	100.%	29	2270	100.%	4	313	100.%	132	10300	100.%
Non-Cellulosic Fibers	-	-	-	-	-	-	-	-	-	-	-	-
Hyphal Fragments	-	-	-	2	157	-	-	-	-	1	78.4	-
Insect Parts	-	-	-	-	-	-	-	-	-	-	-	-
Pollen	-	-	-	-	-	-	-	-	-	-	-	-
Skin Cell % of Total Debris		40-60%			20-40%			20-40%			N/A	
Total Debris in Background		20-40%			60-80%			20-40%			N/A	

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Darrin Parrick (59)
Analyst

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Indoor Air Quality Testing
ISS – Coddle Creek Elementary
141 Franks Crossing Loop - Mooresville, NC

Reliant Environmental

Direct Exam: Spore Trap Analysis

SAI Method B-SOP-003

Customer: Reliant Environmental
92 Elaine Dr
Canton, NC 28716

Attn: Terry LaDuke
Shane Moody

Project: CCE

Lab Order ID: **10122757**
Analysis: STA
Date Received: 11/13/2026
Date Reported: 11/14/2026

Sample ID	677663			677709			677589			EXTERIOR		
Lab Sample ID	10122757_0034			10122757_0035			10122757_0036			AVERAGE		
Description	C129			C138			C139			N/A		
Lab Notes										N/A		
Volume (L)	75			75			75			N/A		
Analytical Sensitivity (counts/m³)	78			78			78			N/A		
IDENTIFICATION	**Raw Count**	**Concentration (counts/m³)**	**% Of Total**	**Raw Count**	**Concentration (counts/m³)**	**% Of Total**	**Raw Count**	**Concentration (counts/m³)**	**% Of Total**	**Raw Count**	**Concentration (counts/m³)**	**% Of Total**
Alternaria										1	78.4	0.758%
Ascospores	1	78.4	12.5%				1	78.4	50.0%	62	4860	47.0%
Aspergillus/Penicillium-like	3	235	37.5%							2	157	1.52%
Basidiospores	1	78.4	12.5%	1	78.4	100.%				34	2660	25.8%
Chaetomium												
Cladosporium	3	235	37.5%							21	1650	15.9%
Curvularia										1	78.4	0.758%
Drechslera/Bipolaris												
Epicoccum							1	78.4	50.0%	1	78.4	0.758%
Myxomycete/Rust/Smut-like										9	705	6.82%
Nigrospora												
Pithomyces												
Stachybotrys												
Torula												
Unknown/Other										1	78.4	0.758%
TOTAL	**8**	**627**	**100.%**	**1**	**78.4**	**100.%**	**2**	**157**	**100.%**	**132**	**10300**	**100.%**
Non-Cellulosic Fibers	-	-	-	-	-	-	-	-	-	-	-	-
Hyphal Fragments	-	-	-	-	-	-	2	157	-	1	78.4	-
Insect Parts	-	-	-	-	-	-	-	-	-	-	-	-
Pollen	-	-	-	-	-	-	-	-	-	-	-	-
Skin Cell % of Total Debris		**20-40%**			**20-40%**			**20-40%**			**N/A**	
Total Debris in Background		**0-20%**			**0-20%**			**0-20%**			**N/A**	

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Darrin Parrick (59)
Analyst

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Indoor Air Quality Testing
ISS – Coddle Creek Elementary
141 Franks Crossing Loop - Mooresville, NC

Reliant Environmental

Direct Exam: Spore Trap Analysis

SAI Method B-SOP-003

Customer: Reliant Environmental
92 Elaine Dr
Canton, NC 28716

Attn: Terry LaDuke
Shane Moody

Project: CCE

Lab Order ID: **10122757**
Analysis: STA
Date Received: 11/13/2026
Date Reported: 11/14/2026

Sample ID	677704			677640			677561			EXTERIOR		
Lab Sample ID	10122757_0037			10122757_0038			10122757_0039			AVERAGE		
Description	C140			C141			B102			N/A		
Lab Notes										N/A		
Volume (L)	75			75			75			N/A		
Analytical Sensitivity (counts/m³)	78			78			78			N/A		
IDENTIFICATION	Raw Count	Concentration (counts/m³)	% Of Total	Raw Count	Concentration (counts/m³)	% Of Total	Raw Count	Concentration (counts/m³)	% Of Total	Raw Count	Concentration (counts/m³)	% Of Total
Alternaria										1	78.4	0.758%
Ascospores	1	78.4	50.0%	2	157	15.4%	2	157	10.0%	62	4860	47.0%
Aspergillus/Penicillium-like				7	549	53.8%	9	705	45.0%	2	157	1.52%
Basidiospores	1	78.4	50.0%	1	78.4	7.69%	5	392	25.0%	34	2660	25.8%
Chaetomium												
Cladosporium							1	78.4	5.00%	21	1650	15.9%
Curvularia										1	78.4	0.758%
Drechslera/Bipolaris												
Epicoccum										1	78.4	0.758%
Myxomycete/Rust/Smut-like				3	235	23.1%	3	235	15.0%	9	705	6.82%
Nigrospora												
Pithomyces												
Stachybotrys												
Torula												
Unknown/Other										1	78.4	0.758%
TOTAL	2	157	100.%	13	1020	100.%	20	1570	100.%	132	10300	100.%
Non-Cellulosic Fibers	-	-	-	-	-	-	-	-	-	-	-	-
Hyphal Fragments	-	-	-	1	78.4	-	2	157	-	1	78.4	-
Insect Parts	-	-	-	-	-	-	-	-	-	-	-	-
Pollen	-	-	-	1	78.4	-	-	-	-	-	-	-
Skin Cell % of Total Debris		20-40%			>40-60%			40-60%			N/A	
Total Debris in Background		0-20%			20-40%			40-60%			N/A	

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Darrin Parrick (59)
Analyst

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Indoor Air Quality Testing
ISS – Coddle Creek Elementary
141 Franks Crossing Loop - Mooresville, NC

Reliant Environmental

Direct Exam: Spore Trap Analysis

SAI Method B-SOP-003

Customer: Reliant Environmental
92 Elaine Dr
Canton, NC 28716

Attn: Terry LaDuke
Shane Moody

Project: CCE

Lab Order ID: **10122757**
Analysis: STA
Date Received: 11/13/2026
Date Reported: 11/14/2026

Sample ID	677630			724661			724711			EXTERIOR		
Lab Sample ID	10122757_0040			10122757_0041			10122757_0042			AVERAGE		
Description	B104			B139			B138			N/A		
Lab Notes										N/A		
Volume (L)	75			75			75			N/A		
Analytical Sensitivity (counts/m³)	78			78			78			N/A		
IDENTIFICATION	**Raw Count**	**Concentration (counts/m³)**	**% Of Total**	**Raw Count**	**Concentration (counts/m³)**	**% Of Total**	**Raw Count**	**Concentration (counts/m³)**	**% Of Total**	**Raw Count**	**Concentration (counts/m³)**	**% Of Total**
Alternaria				2	157	13.3%				1	78.4	0.758%
Ascospores	3	235	21.4%	2	157	13.3%	2	157	13.3%	62	4860	47.0%
Aspergillus/Penicillium-like	4	313	28.6%				12	940	80.0%	2	157	1.52%
Basidiospores	1	78.4	7.14%	1	78.4	6.67%	1	78.4	6.67%	34	2660	25.8%
Chaetomium												
Cladosporium	4	313	28.6%	3	235	20.0%				21	1650	15.9%
Curvularia										1	78.4	0.758%
Drechslera/Bipolaris												
Epicoccum										1	78.4	0.758%
Myxomycete/Rust/Smut-like	2	157	14.3%	7	549	46.7%				9	705	6.82%
Nigrospora												
Pithomyces												
Stachybotrys												
Torula												
Unknown/Other										1	78.4	0.758%
TOTAL	14	1100	100.%	15	1180	100.%	15	1180	100.%	132	10300	100.%
Non-Cellulosic Fibers	-	-	-	-	-	-	-	-	-	-	-	-
Hyphal Fragments	1	78.4	-	1	78.4	-	-	-	-	1	78.4	-
Insect Parts	-	-	-	-	-	-	-	-	-	-	-	-
Pollen	-	-	-	-	-	-	-	-	-	-	-	-
Skin Cell % of Total Debris		**40-60%**			**40-60%**			**40-60%**			N/A	
Total Debris in Background		**40-60%**			**40-60%**			**20-40%**			N/A	

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Analyst

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Indoor Air Quality Testing
ISS – Coddle Creek Elementary
141 Franks Crossing Loop - Mooresville, NC

Reliant Environmental

Direct Exam: Spore Trap Analysis

SAI Method B-SOP-003

Customer: Reliant Environmental
92 Elaine Dr
Canton, NC 28716

Attn: Terry LaDuke
Shane Moody

Project: CCE

Lab Order ID: **10122757**
Analysis: STA
Date Received: 11/13/2026
Date Reported: 11/14/2026

Sample ID	724673			677685			724657			EXTERIOR		
Lab Sample ID	10122757_0043			10122757_0044			10122757_0045			AVERAGE		
Description	B136			B133			B132			N/A		
Lab Notes										N/A		
Volume (L)	75			75			75			N/A		
Analytical Sensitivity (counts/m³)	78			78			78			N/A		
IDENTIFICATION	**Raw Count**	**Concentration (counts/m³)**	**% Of Total**	**Raw Count**	**Concentration (counts/m³)**	**% Of Total**	**Raw Count**	**Concentration (counts/m³)**	**% Of Total**	**Raw Count**	**Concentration (counts/m³)**	**% Of Total**
Alternaria										1	78.4	0.758%
Ascospores	1	78.4	25.0%	4	313	3.51%	1	78.4	100.%	62	4860	47.0%
Aspergillus/Penicillium-like				21	1650	18.4%				2	157	1.52%
Basidiospores	1	78.4	25.0%	3	235	2.63%				34	2660	25.8%
Chaetomium												
Cladosporium	1	78.4	25.0%	73	5720	64.0%				21	1650	15.9%
Curvularia	1	78.4	25.0%							1	78.4	0.758%
Drechslera/Bipolaris												
Epicoccum				1	78.4	0.877%				1	78.4	0.758%
Myxomycete/Rust/Smut-like				10	784	8.77%				9	705	6.82%
Nigrospora												
Pithomyces				1	78.4	0.877%						
Stachybotrys												
Torula				1	78.4	0.877%						
Unknown/Other										1	78.4	0.758%
TOTAL	4	313	100.%	114	8930	100.%	1	78.4	100.%	132	10300	100.%
Non-Cellulosic Fibers	-	-	-	-	-	-	-	-	-	-	-	-
Hyphal Fragments	-	-	-	9	705	-	-	-	-	1	78.4	-
Insect Parts	-	-	-	-	-	-	-	-	-	-	-	-
Pollen	-	-	-	-	-	-	-	-	-	-	-	-
Skin Cell % of Total Debris		**40-60%**			**40-60%**			**20-40%**			N/A	
Total Debris in Background		**0-20%**			**40-60%**			**0-20%**			N/A	

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Reliant Environmental

Direct Exam: Spore Trap Analysis

SAI Method B-SOP-003

Customer: Reliant Environmental
92 Elaine Dr
Canton, NC 28716

Attn: Terry LaDuke
Shane Moody

Project: CCE

Lab Order ID: **10122757**
Analysis: STA
Date Received: 11/13/2026
Date Reported: 11/14/2026

Sample ID	724645			677729			677560			EXTERIOR		
Lab Sample ID	10122757_0046			10122757_0047			10122757_0048			AVERAGE		
Description	B129			B126			B103			N/A		
Lab Notes										N/A		
Volume (L)	75			75			75			N/A		
Analytical Sensitivity (counts/m³)	78			78			78			N/A		
IDENTIFICATION	**Raw Count**	**Concentration (counts/m³)**	**% Of Total**	**Raw Count**	**Concentration (counts/m³)**	**% Of Total**	**Raw Count**	**Concentration (counts/m³)**	**% Of Total**	**Raw Count**	**Concentration (counts/m³)**	**% Of Total**
Alternaria										1	78.4	0.758%
Ascospores	2	157	18.2%	2	157	33.3%	2	157	6.06%	62	4860	47.0%
Aspergillus/Penicillium-like	4	313	36.4%				26	2040	78.8%	2	157	1.52%
Basidiospores	2	157	18.2%	2	157	33.3%	1	78.4	3.03%	34	2660	25.8%
Chaetomium							1	78.4	3.03%			
Cladosporium	3	235	27.3%	1	78.4	16.7%	2	157	6.06%	21	1650	15.9%
Curvularia							1	78.4	3.03%	1	78.4	0.758%
Drechslera/Bipolaris												
Epicoccum										1	78.4	0.758%
Myxomycete/Rust/Smut-like										9	705	6.82%
Nigrospora				1	78.4	16.7%						
Pithomyces												
Stachybotrys												
Torula												
Unknown/Other										1	78.4	0.758%
TOTAL	11	862	100.%	6	470.	100.%	33	2590	100.%	132	10300	100.%
Non-Cellulosic Fibers	-	-	-	-	-	-	-	-	-	-	-	-
Hyphal Fragments	2	157	-	-	-	-	-	-	-	1	78.4	-
Insect Parts	-	-	-	-	-	-	-	-	-	-	-	-
Pollen	-	-	-	-	-	-	-	-	-	-	-	-
Skin Cell % of Total Debris		**40-60%**			**40-60%**			**40-60%**			**N/A**	
Total Debris in Background		**20-40%**			**40-60%**			**40-60%**			**N/A**	

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ISS – Coddle Creek Elementary
141 Franks Crossing Loop - Mooresville, NC

Reliant Environmental

Direct Exam: Spore Trap Analysis

SAI Method B-SOP-003

Customer: Reliant Environmental
92 Elaine Dr
Canton, NC 28716

Attn: Terry LaDuke
Shane Moody

Project: CCE

Lab Order ID: **10122757**
Analysis: STA
Date Received: 11/13/2026
Date Reported: 11/14/2026

Sample ID	677600			677660			677557			EXTERIOR		
Lab Sample ID	10122757_0049			10122757_0050			10122757_0051			AVERAGE		
Description	B107			B108			B120			N/A		
Lab Notes										N/A		
Volume (L)	75			75			75			N/A		
Analytical Sensitivity (counts/m³)	78			78			78			N/A		
IDENTIFICATION	**Raw Count**	**Concentration (counts/m³)**	**% Of Total**	**Raw Count**	**Concentration (counts/m³)**	**% Of Total**	**Raw Count**	**Concentration (counts/m³)**	**% Of Total**	**Raw Count**	**Concentration (counts/m³)**	**% Of Total**
Alternaria										1	78.4	0.758%
Ascospores	1	78.4	33.3%	2	157	11.1%	1	78.4	100.%	62	4860	47.0%
Aspergillus/Penicillium-like				7	549	38.9%				2	157	1.52%
Basidiospores				2	157	11.1%				34	2660	25.8%
Chaetomium												
Cladosporium	2	157	66.7%	1	78.4	5.56%				21	1650	15.9%
Curvularia										1	78.4	0.758%
Drechslera/Bipolaris												
Epicoccum										1	78.4	0.758%
Myxomycete/Rust/Smut-like				6	470.	33.3%				9	705	6.82%
Nigrospora												
Pithomyces												
Stachybotrys												
Torula												
Unknown/Other										1	78.4	0.758%
TOTAL	3	235	100.%	18	1410	100.%	1	78.4	100.%	132	10300	100.%
Non-Cellulosic Fibers	-	-	-	-	-	-	-	-	-	-	-	-
Hyphal Fragments	-	-	-	1	78.4	-	-	-	-	1	78.4	-
Insect Parts	-	-	-	-	-	-	-	-	-	-	-	-
Pollen	-	-	-	-	-	-	-	-	-	-	-	-
Skin Cell % of Total Debris		**20-40%**			**40-60%**			**20-40%**			**N/A**	
Total Debris in Background		**0-20%**			**40-60%**			**0-20%**			**N/A**	

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Darrin Parrick (59)
Analyst

Approved Signatory

Scientific Analytical Institute, Inc. 4604 Dundas Dr. Greensboro, NC 27407 (336) 292-3888

Indoor Air Quality Testing
ISS – Coddle Creek Elementary
141 Franks Crossing Loop - Mooresville, NC

Reliant Environmental

Direct Exam: Spore Trap Analysis

SAI Method B-SOP-003

Customer: Reliant Environmental
92 Elaine Dr
Canton, NC 28716

Attn: Terry LaDuke
Shane Moody

Project: CCE

Lab Order ID: **10122757**
Analysis: STA
Date Received: 11/13/2026
Date Reported: 11/14/2026

Sample ID	677669			677563			677693			EXTERIOR		
Lab Sample ID	10122757_0052			10122757_0053			10122757_0054			AVERAGE		
Description	B121			B124			B125			N/A		
Lab Notes										N/A		
Volume (L)	75			75			75			N/A		
Analytical Sensitivity (counts/m³)	78			78			78			N/A		
IDENTIFICATION	**Raw Count**	**Concentration (counts/m³)**	**% Of Total**	**Raw Count**	**Concentration (counts/m³)**	**% Of Total**	**Raw Count**	**Concentration (counts/m³)**	**% Of Total**	**Raw Count**	**Concentration (counts/m³)**	**% Of Total**
Alternaria										1	78.4	0.758%
Ascospores	2	157	14.3%	1	78.4	16.7%	4	313	19.0%	62	4860	47.0%
Aspergillus/Penicillium-like	9	705	64.3%	5	392	83.3%	6	470	28.6%	2	157	1.52%
Basidiospores	1	78.4	7.14%				4	313	19.0%	34	2660	25.8%
Chaetomium												
Cladosporium	1	78.4	7.14%				3	235	14.3%	21	1650	15.9%
Curvularia										1	78.4	0.758%
Drechslera/Bipolaris												
Epicoccum										1	78.4	0.758%
Myxomycete/Rust/Smut-like	1	78.4	7.14%				4	313	19.0%	9	705	6.82%
Nigrospora												
Pithomyces												
Stachybotrys												
Torula												
Unknown/Other										1	78.4	0.758%
TOTAL	14	1100	100.%	6	470.	100.%	21	1650	100.%	132	10300	100.%
Non-Cellulosic Fibers	-	-	-	-	-	-	-	-	-	-	-	-
Hyphal Fragments	1	78.4	-	-	-	-	1	78.4	-	1	78.4	-
Insect Parts	-	-	-	-	-	-	-	-	-	-	-	-
Pollen	-	-	-	-	-	-	-	-	-	-	-	-
Skin Cell % of Total Debris		**40-60%**			**20-40%**			**40-60%**			**N/A**	
Total Debris in Background		**20-40%**			**20-40%**			**40-60%**			**N/A**	

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Analyst

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Indoor Air Quality Testing
ISS – Coddle Creek Elementary
141 Franks Crossing Loop - Mooresville, NC

Reliant Environmental

Direct Exam: Spore Trap Analysis

SAI Method B-SOP-003

Customer: Reliant Environmental
92 Elaine Dr
Canton, NC 28716

Attn: Terry LaDuke
Shane Moody

Project: CCE

Lab Order ID: 10122757
Analysis: STA
Date Received: 11/13/2026
Date Reported: 11/14/2026

Sample ID	724558			677662			677622			EXTERIOR		
Lab Sample ID	10122757_0055			10122757_0056			10122757_0057			AVERAGE		
Description	A114			Adm Corridor @ AIII			Gym			N/A		
Lab Notes										N/A		
Volume (L)	75			75			75			N/A		
Analytical Sensitivity (counts/m³)	78			78			78			N/A		
IDENTIFICATION	Raw Count	Concentration (counts/m³)	% Of Total	Raw Count	Concentration (counts/m³)	% Of Total	Raw Count	Concentration (counts/m³)	% Of Total	Raw Count	Concentration (counts/m³)	% Of Total
Alternaria										1	78.4	0.758%
Ascospores	2	157	9.52%	1	78.4	11.1%				62	4860	47.0%
Aspergillus/Penicillium-like	14	1100	66.7%	2	157	22.2%	2	157	66.7%	2	157	1.52%
Basidiospores	4	313	19.0%	1	78.4	11.1%	1	78.4	33.3%	34	2660	25.8%
Chaetomium												
Cladosporium	1	78.4	4.76%	3	235	33.3%				21	1650	15.9%
Curvularia										1	78.4	0.758%
Drechslera/Bipolaris												
Epicoccum										1	78.4	0.758%
Myxomycete/Rust/Smut-like				2	157	22.2%				9	705	6.82%
Nigrospora												
Pithomyces												
Stachybotrys												
Torula												
Unknown/Other										1	78.4	0.758%
TOTAL	21	1650	100.%	9	705	100.%	3	235	100.%	132	10300	100.%
Non-Cellulosic Fibers	-	-	-	-	-	-	-	-	-	-	-	-
Hyphal Fragments	-	-	-	-	-	-	-	-	-	1	78.4	-
Insect Parts	-	-	-	-	-	-	-	-	-	-	-	-
Pollen	-	-	-	-	-	-	-	-	-	-	-	-
Skin Cell % of Total Debris		40-60%			40-60%			40-60%			N/A	
Total Debris in Background		40-60%			40-60%			20-40%			N/A	

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Analyst

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Indoor Air Quality Testing
ISS – Coddle Creek Elementary
141 Franks Crossing Loop - Mooresville, NC

Reliant Environmental

Direct Exam: Spore Trap Analysis

SAI Method B-SOP-003

Customer: Reliant Environmental
92 Elaine Dr
Canton, NC 28716

Attn: Terry LaDuke
Shane Moody

Project: CCE

Lab Order ID: 10122757
Analysis: STA
Date Received: 11/13/2026
Date Reported: 11/14/2026

Sample ID	677670			677689						EXTERIOR		
Lab Sample ID	10122757_0058			10122757_0059						AVERAGE		
Description	A124			Exterior						N/A		
Lab Notes										N/A		
Volume (L)	75			75						N/A		
Analytical Sensitivity (counts/m³)	78			78						N/A		
IDENTIFICATION	Raw Count	Concentration (counts/m³)	% Of Total	Raw Count	Concentration (counts/m³)	% Of Total	Raw Count	Concentration (counts/m³)	% Of Total	Raw Count	Concentration (counts/m³)	% Of Total
Alternaria				1	78.4	0.758%				1	78.4	0.758%
Ascospores	7	549	26.9%	62	4860	47.0%				62	4860	47.0%
Aspergillus/Penicillium-like	11	862	42.3%	2	157	1.52%				2	157	1.52%
Basidiospores	3	235	11.5%	34	2660	25.8%				34	2660	25.8%
Chaetomium												
Cladosporium	2	157	7.69%	21	1650	15.9%				21	1650	15.9%
Curvularia				1	78.4	0.758%				1	78.4	0.758%
Drechslera/Bipolaris												
Epicoccum				1	78.4	0.758%				1	78.4	0.758%
Myxomycete/Rust/Smut-like				9	705	6.82%				9	705	6.82%
Nigrospora												
Pithomyces												
Stachybotrys	3	235	11.5%									
Torula												
Unknown/Other				1	78.4	0.758%				1	78.4	0.758%
TOTAL	26	2040	100.%	132	10300	100.%	-	-	-	132	10300	100.%
Non-Cellulosic Fibers	-	-	-	-	-	-	-	-	-	-	-	-
Hyphal Fragments	3	235	-	1	78.4	-	-	-	-	1	78.4	-
Insect Parts	-	-	-	-	-	-	-	-	-	-	-	-
Pollen	-	-	-	-	-	-	-	-	-	-	-	-
Skin Cell % of Total Debris		0-20%			0-20%			N/A			N/A	
Total Debris in Background		60-80%			40-60%			N/A			N/A	

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Indoor Air Quality Testing
ISS – Coddle Creek Elementary
141 Franks Crossing Loop - Mooresville, NC

Scientific Analytical Institute
302-L Pomona Dr. Greensboro, NC 27407
Phone: 336.292.3888 Fax: 336.292.3313
www.sailab.com lab@sailab.com

Lab Use Only
Lab Order ID: 10122757
Client Code: _____

Company Contact Information	
Company: Reliant Environmental	Contact: Shane Mosley
Address: 4 Elaine Dr.	Phone ☐:
Canton, NC 28716	Fax ☐:
	Email ☒: shane@reliantenv.com

Billing/Invoice Information	Turn Around Times	
Company:	90 Min. ☐	48 Hours ☐
Contact:	3 Hours ☐	72 Hours ☐
Address:	6 Hours ☐	96 Hours ☐
Same	12 Hours ☒	120 Hours ☐
	24 Hours ☐	144 Hours ☐

PO Number:	
Project Name/Number:	CCE

Microbiology Test Types	
Spore Trap - Slit Impact, ie, AOC/Allergenco (STA)	☒
Spore Trap Other, ie. Micro-5 (STO)	☐
Direct Exam Tape (DET)	☐
Direct Exam Swab (DES)	☐
Direct Exam Bulk (DEB)	☐
Fungal Culture Air (FCA)	☐
Fungal Culture Swab (FCS)	☐
Fungal Culture Bulk (FCB)	☐
Bacteria Culture Air (BCA)	☐
Bacteria Culture Bulk (BCB)	☐
Bacteria Culture Swab (BCS)	☐
Biolog (BLG)	☐
Drinking Water (BCC) (Coliform/E.coli)	☐
Other:	☐

Sample ID #	Description/Location	Volume/Area	Comments
677688	D132	75.0L	
724499	D131		
724651	D130		
724795	D127		
724649	D126		
724700	D125		
677713	D124		Accepted ☑
677610	D105		Rejected ☐
677555	D103		
677693	D109		
677691	D110		
677585	D111		
677727	D112		
677735	D121		
677734	D 122		

Total # of Samples 59

Relinquished by	Date/Time	Received by	Date/Time
Dee Guthrie	11/13/2026 3:28PM	Dee Guthrie	1:48PM 11/13/2026
			11/13/26 3:30

Scientific Analytical Institute
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Phone: 336.292.3888 Fax: 336.292.3313
www.sailab.com lab@sailab.com

Lab Use Only
Lab Order ID: 757
Client Code: _____

Sample ID #	Description/Location	Volume/Area	Comments
677558	D123	75.0 L	
677587	D104		
677657	C106		
677747	C152		
724697	C151		
677679	C150		
677694	C149		
724500	C148		
677611	C145		
677637	C144		
677654	C143		
677745	C142		
677687	C116		
677655	C105		
677674	C122		
677735	C123		
677644	C127		
677706	C128		
677663	C129		
677705	C130		
677589	C139		
677704	C140		
677640	C141		
677561	B102		
677630	B104		
724601	B139		
724711	B138		
724679 724663	B136		
677685	B133		
724657 724667	B132		
724645	B129		
677729	B126		
677560	B103		
677600	B107		
677660	B108		
677557	B120		
677669	B121		
677563	B124		
677639	B125		
724558	A114		

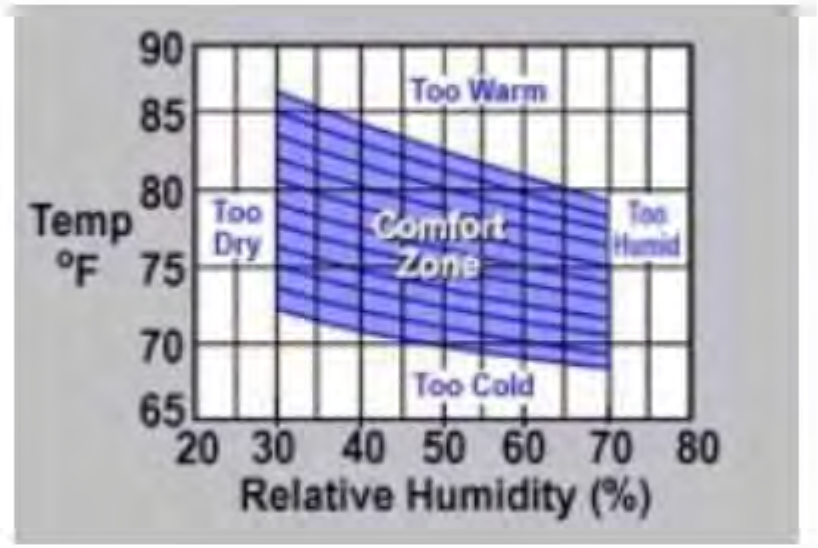
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302-L Pomona Dr. Greensboro, NC 27407
Phone: 336.292.3888 Fax: 336.292.3313
www.sailab.com lab@sailab.com

Lab Use Only
Lab Order ID: _____
Client Code: _____

Sample ID #	Description/Location	Volume/Area	Comments
677662	Corridor @ A111	75.0 L	
677622	Gym	1	
677670	ART	1	
677687	Exterior	1	

APPENDIX B

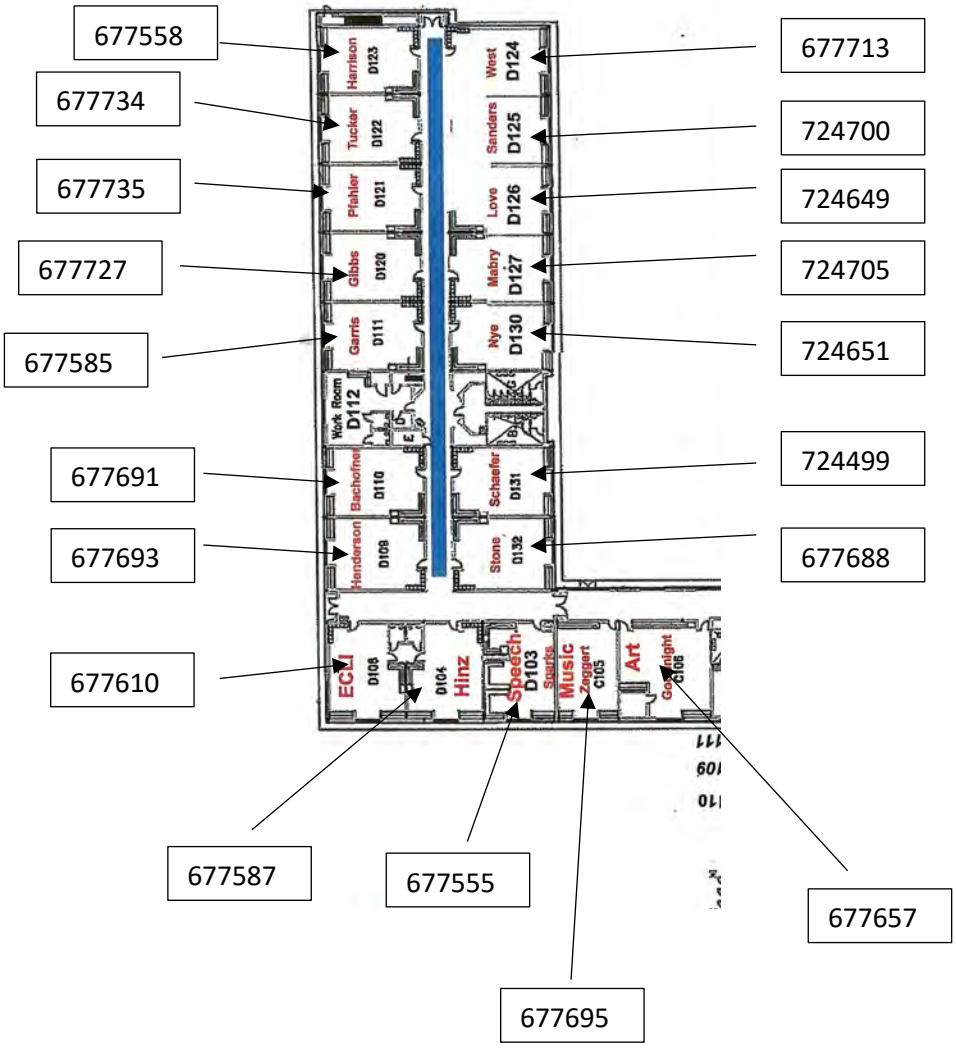
COMFORT ZONE GRAPH

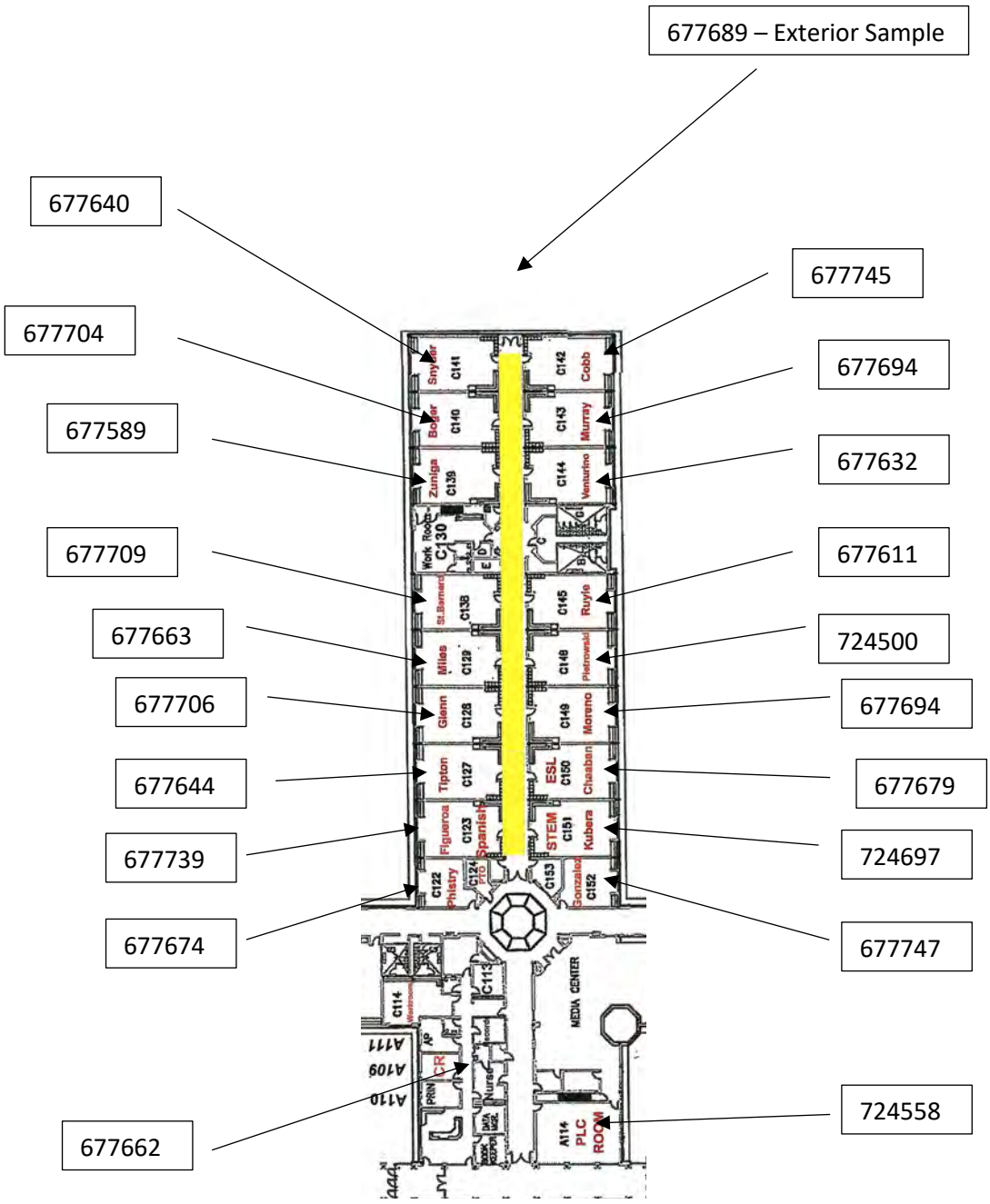


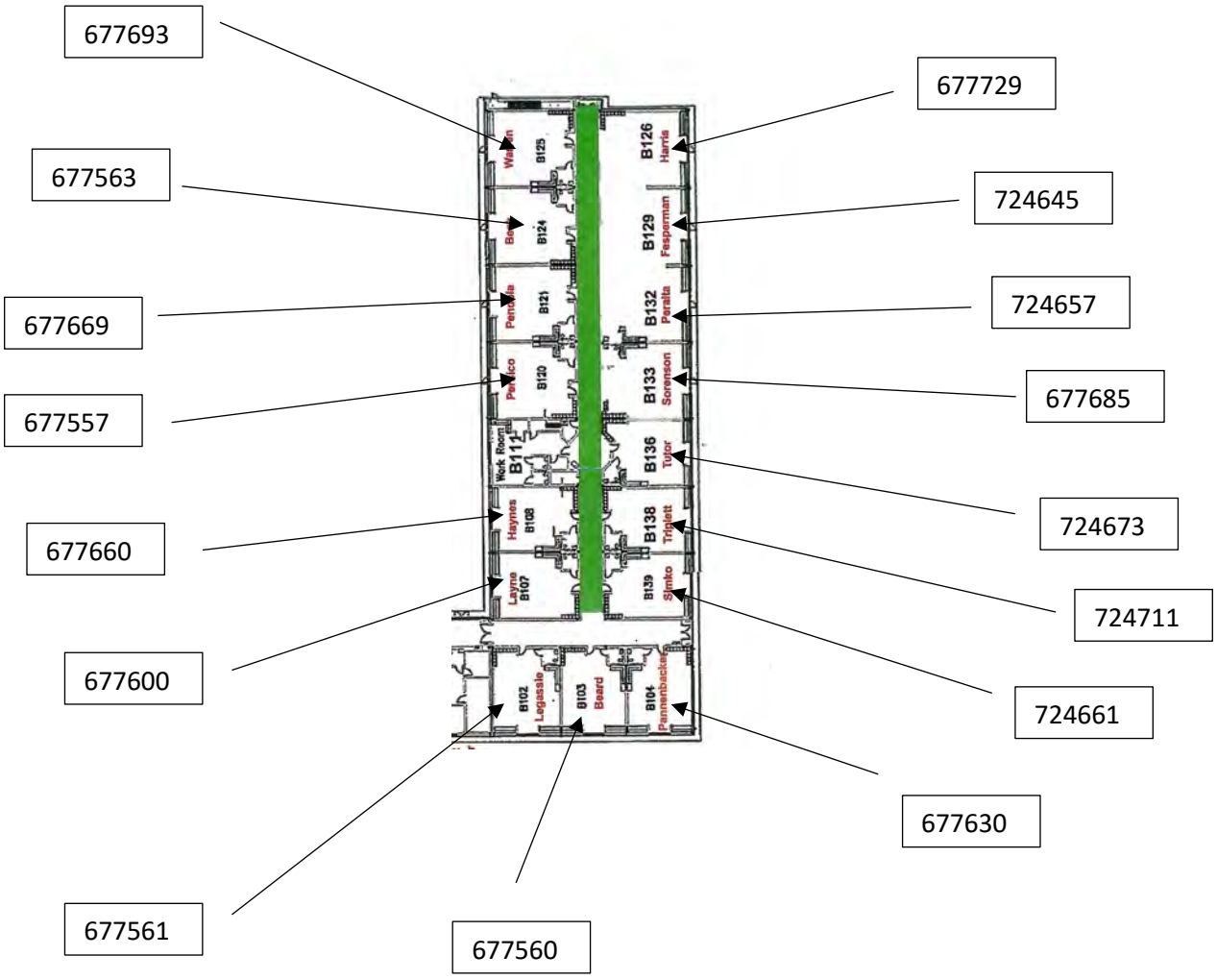
ASHRAE COMFORT ZONE

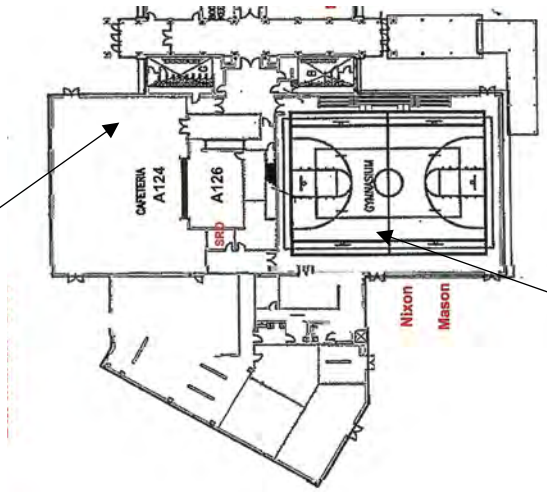
APPENDIX C

SAMPLE LOCATION DRAWINGS


677558
677734
677735
677727
677585
677691
677693
677610
677587
677555
677695
677657
677688
724499
724651
724705
724649
724700
677713
Harrison D123
Tucker D122
Pfahler D121
Gibbs D120
Garris D111
Work Room D112
Bachofner D110
Henderson D109
ECI D108
D104
Hinz
Speech D103
Starks
Music
Zaggart C105
Art
Goodnight C106
West D124
Sanders D125
Love D126
Mabry D127
Nye D130
Schaefer D131
Stone D132


677689 – Exterior Sample
677640
677704
677589
677709
677663
677706
677644
677739
677674
677662
677745
677694
677632
677611
724500
677694
677679
724697
677747
724558
677687 was collected in Media Center Classroom C116


677693
677729
677563
724645
677669
724657
677557
677685
677660
724673
724711
677600
724661
677630
677561
677560
B125
B126
B124
B129
B121
B132
B120
B133
B111
B136
B108
B138
B107
B139
B102
B103
B104



677670

677622

APPENDIX D

SITE PHOTOGRAPHS – AIR HANDING UNITS



Photo No. 1 – HP-D-10 – View of microbial growth on fan housing



Photo No. 2 – HP-D-10 – View of microbial growth on fan blades

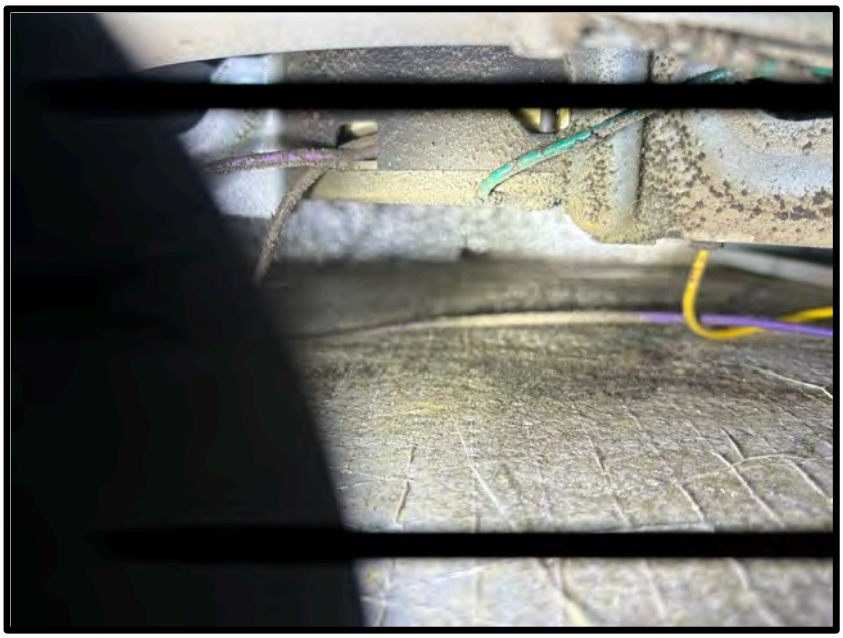


Photo No. 3 – HP-D-10 – View of microbial growth on wiring & components



Photo No. 4 – HP-D-10 – View of microbial growth & debris in condensate pan.



Photo No. 5 – HP-D-10 – View of microbial growth on coils



Photo No. 6 – HP-D-5 – View of microbial growth on fan housing & blades



Photo No. 7 – HP-D-5 – View of microbial growth on coils

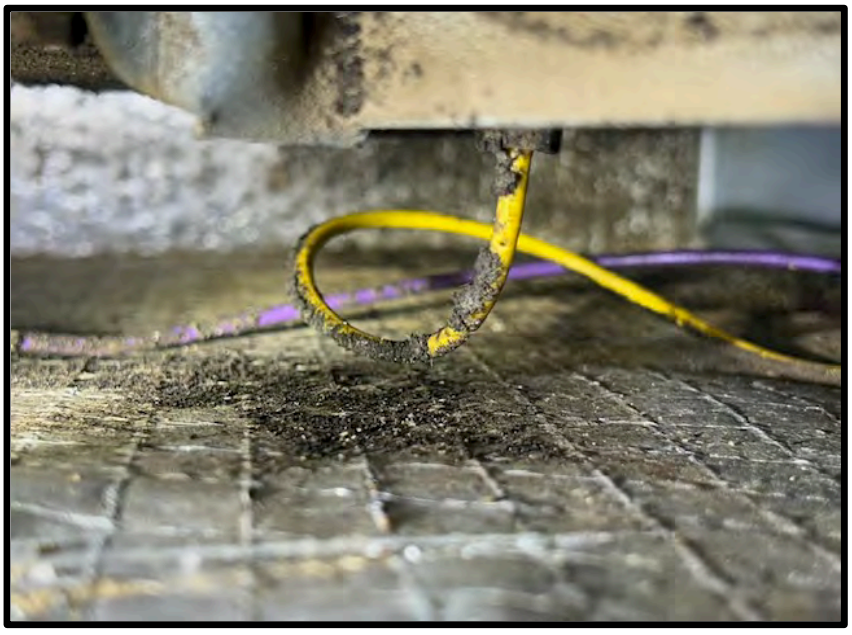


Photo No. 8 – HP-D-5 – View of microbial growth on wiring, insulation, & other components



Photo No. 9 – HP-D-5 – View of microbial growth on condensate pan & insulation



Photo No. 10 – HP-D-5 – View of dirty supply duct