

Actualización sobre la calidad del aire interior

8 de enero de 2024

Estimadas familias y personal,

Le escribimos para actualizarle sobre las preocupaciones con respecto a la presencia de moho en la Escuela Intermedia Boushall. La seguridad y el bienestar de nuestros estudiantes y el personal es nuestra máxima prioridad y queremos asegurarnos de que usted esté bien informado sobre la situación.

Para evaluar con precisión el alcance del problema, se contrató a una empresa profesional de análisis de moho para realizar pruebas integrales de todas las salas accesibles del edificio. Se adjunta un informe detallado de los resultados en el que se describen los tipos y niveles de moho identificados, así como las medidas de reparación recomendadas. Les animamos a revisar este informe para comprender mejor la situación. Antes de continuar, queremos señalar que, aunque hay algo de moho en el edificio, la empresa que realizó las pruebas indicó que el edificio es seguro para su ocupación.

En respuesta a los resultados, hemos tomado y seguiremos tomando las siguientes medidas:

- Mitigación inmediata: Hemos completado las medidas de remediación, incluyendo el aislamiento, la limpieza y la desinfección de las zonas afectadas, y la aplicación de medidas mejoradas de ventilación y control de la humedad.
- Supervisión continua: Nuestro Departamento de Mantenimiento seguirá supervisando las zonas afectadas y realizará inspecciones de seguimiento con regularidad para garantizar que el moho se elimine de forma eficaz y que el edificio continúe siendo seguro.
- Comunicación: Nos comprometemos a mantenerles informados a lo largo de este proceso y les proporcionaremos actualizaciones cuando sea necesario. Si tiene alguna pregunta o duda, póngase en contacto con nosotros.

Sabemos que la presencia de moho en cualquiera de nuestras escuelas es motivo de preocupación, y queremos asegurarle que estamos tomando todas las medidas necesarias para resolver el problema de manera pronta y efectiva. Si tiene alguna pregunta o necesita más información, no dude en ponerse en contacto con nosotros.

Gracias por su comprensión y cooperación mientras trabajamos para mantener un ambiente de aprendizaje seguro y saludable para nuestros estudiantes y personal.

Atentamente,



Jason Kamras
Superintendente



Environmental Consulting Services

7834 Forest Hill Avenue, Suite 7, Richmond, Virginia 23225
ph 804.716.0560 fax 804.918.7098 web FranceEnv.com

January 3, 2024

City of Richmond Public Schools

Department of Facility Service
1461 A Commerce Road
Richmond, Virginia 23224

ATTN.: Mr. Ronald Hathaway Jr.
Director of Facilities

RE: Comprehensive Moisture & Mold Sampling Report
Thomas C. Boushall Middle School (All Rooms)
3400 Hopkins Road
Richmond, Virginia 23224
FEI Project Number: FEI-23MI505

Dear Mr. Hathaway:

In accordance with your request, a Moisture & Mold Assessment has been performed at the above referenced academic facility. France Environmental, Inc. (FEI) is providing this letter report summarizing our findings and sample results from the fieldwork conducted on November 07, 2023. The investigation was performed by FEI Industrial Hygienists, Mr. Andrew H. Baird, Mr. Kshan X. Sims and Mr. Lee Pulliam.

The scope of this assessment was to test for identifiable conditions, if any, that may be affecting the quality of the air in the subject space. This report is a follow-up investigation FEI performed in 2023. The assessment included a visual inspection of each room and air sampling for airborne fungi (mold) spores. At the client's request, air samples were collected from each accessible classroom, office, and academic space within the building. Please find attached with this letter the Laboratory Results; Sample Location Drawings; Photographs of Site Conditions; and Fungal Types/Groups Chart for the air sampling performed.

VISUAL OBSERVATIONS:

France Environmental, Inc. performed a visual assessment of the interior areas of the subject spaces. The visual inspection was focused on potential indicators of IAQ problems and specifically included areas of visible water damage and visible mold growth. Specific items of interest observed during the inspection are described below:

- Moisture stained lay-in ceiling tiles were observed throughout the building. Staining appears to be from HVAC duct / diffuser condensation and / or past or current pipe and/or roof leaks.
- Ceiling HVAC diffusers and associated ceiling tiles were observed with a light to moderate dust load.
- Visible mold growth was observed on lay-in ceiling tiles in the following locations:
 - 2nd Floor – Rooms 205, 210, 226, 266, 284, 290 and Hallway A
- Suspect Mold Growth was observed on the Metal Gym Ceiling. However, the height of the ceiling prevented the inspectors from reaching it to investigate further.

TOTAL FUNGAL AIR SAMPLING:

A total of one-hundred fourteen (114) spore trap air samples were collected from the following areas:

- All Classrooms, Offices, Common Areas, Kitchen, Gym, Locker Rooms, Break Rooms, and Media Center
- Three (3) exterior samples were collected outside the building for comparison purposes. These samples were collected throughout the day and included a pre-sample before interior air samples were collected, mid-day air sample, and a post interior air sample.

The air samples were collected at an airflow rate of five (5) liters per minute for five (5) minutes totaling twenty-five (25) liters of air.

The results of the air samples collected and analyzed are as follows:

- The results of the air samples collected **did not** indicate airborne fungal amplification when compared to the outside building samples at the time of the air sampling. *(Please Refer To “Mold Air Cassette Sample Analysis Laboratory Results” Appendix)*

Microbiological interpretation of sample results poses a challenge for the health and safety professionals as there are at present no strict numerical guidelines which are appropriate for assessing whether microbial levels inside buildings are “safe” or “normal” spore levels. There are currently no regulatory standards for evaluating airborne fungi concentrations for this or any other facility. As these organisms are present everywhere the standard of care is to perform a risk-based analysis. In general, industry standards effective interpretation is based on the comparison of indoor and outdoor samples. In “Clean” buildings, total airborne spore concentrations are generally less than outdoor spore concentrations with similar genera identified within each environment. The presence or absence of a few non-moisture indicator genera in small numbers (<1,000 Counts/M³) identified within interior building areas should not be considered abnormal. However, the presence of moisture indicator mold spores (***Chaetomium; Stachybotrys; Rhodotorula; Trichoderma; and Scopulariopsis***) in any significant amounts may indicate chronic moisture intrusion issues and confirmation that molds have colonized and are amplifying within the building. A trace of ***Chaetomium sp.*** was found in one sample collected from the 1st Floor, Boys Coaches Office. The airborne counts of ***Chaetomium sp.*** were not of significant concentration to be a concern at this time.

COMFORT PARAMETER TESTING:

FEI also conducted Comfort Parameter Sampling which included Temperature and Relative Humidity by utilizing electronic recording monitors (EXTECH Model 445580 Humidity/Temperature Pen). Measurements were collected throughout the building during the inspection. Description of recommended levels and comfort parameter results are found below.

TEMPERATURE (T)

The measurement of the air temperature is used to determine comfort level parameters associated with the indoor environment. The measuring device was used to collect the temperature in each of the rooms inspected. The American Society of Heating, Refrigerating and Air-conditioning Engineers, Inc. (ASHRAE) provides guidance on comfort ranges for temperature depending on the season. These numbers generally range from 68 to 75 Degrees Fahrenheit (°F) during the winter months and from 73 to 79°F during the summer months. These ranges should be acceptable for

sedentary or slightly active persons. The temperatures measured in the building ranged from 67.4 to 80.7°F. The temperatures measured outside were 60.2°F in the morning, 72.6°F mid-day and 79.1°F in the afternoon.

RELATIVE HUMIDITY (RH)

Measurement of the relative humidity are used to indicate comfort level parameters associated with the indoor air. Overly dry or overly humid air are indicators of air quality issues caused by the HVAC system. ASHRAE has set standards that present guidelines for human occupation. Relative humidity levels below 30% are associated with increased discomfort and drying of the mucus membranes and skin. High humidity can result in condensation and the subsequent development of mold and fungi along with the increase of dust mite propagation. Ideal indoor relative humidity for winter months is 35%, while 50% is optimal in the summer months. Relative humidity levels ≤65% are considered acceptable by ASHRAE standards. The relative humidity levels within the subject building at the time of the sampling ranged from 30.6 to 44.9%. The outside humidity readings were 53.7% in the morning, 41.0% mid-day and 40.0% in the afternoon.

CONCLUSIONS/RECOMMENDATIONS:


- The airborne fungal spore levels for the indoor air samples at the time of this sampling event **do not** indicate active amplification of fungal spores based on comparison to the outdoor fungal spore levels.
- Visible mold-impacted ceiling tiles were observed in classrooms 205, 210, 226, 266, 284, 290 and Hallway “A”. It is recommended these ceiling tiles be removed and the surrounding ceiling grid surfaces cleaned in accordance with industry standard mold remediation procedures, such as those outlined in the U.S. Environmental Protection Agency (EPA) publication Mold Remediation in Schools and Commercial Buildings (September 2008).
- As part of an on-going maintenance program, it is recommended that water-stained ceiling tiles, when identified, be investigated to determine the water source and try and correct / reduce the source of the moisture.
- As part of the on-going maintenance & custodial activities, it is recommended that HVAC ceiling diffusers be cleaned (HEPA Vacuumed and wiped down) periodically throughout the year.
- To improve the perception of the buildings indoor air quality, the school system may consider replacing water stained and/or dirty ceiling tiles as an on-going maintenance item.
- As part of the on-going maintenance program, it is recommended HVAC filters and air filtration machines are maintained in good condition with preventative maintenance in accordance with the manufacturer’s recommendations.

It is important to note that the reported microbial levels are only reflective of conditions at the time of this test and that microbial populations can vary over time, depending upon a number of conditions, including environmental factors, i.e., temperature and relative humidity. FEI, by virtue of providing the services described in this report, does not assume the responsibility of the person(s) in charge of the site, or otherwise undertake responsibility for reporting to any local, state or federal public agencies any conditions at the site that may present a potential danger to public health, safety, or the environment.


Thank you for choosing FEI as your consultant for this project. If you have any questions, or if we can be of additional service, please contact the undersigned at 804.716.0560.

Respectfully submitted,

FRANCE ENVIRONMENTAL, INC.


Andrew H. Baird
Industrial Hygienist


Robert Worrell
Project Manager


Michael E. Leonard
Senior Project Manager

Attachments: Mold Air Cassettes Analytical Laboratory Report
Sample Location Drawing
Photographs of Site Conditions
Fungal Types and Group Chart

**MOLD AIR CASSETTE ANALYTICAL LABORATORY
RESULTS**



Client: France Environmental, Inc.
Address: 7834 Forest Hill Ave
Suite 7
Richmond, VA 23225

Client Job#: FEI-23MI505
Client Job Name: CORPS: Thomas C Boushall Middle School

Date Received: 11/08/23
Date Reported: 11/10/23

Air Cassette Analytical Report (SOP# 3.24.01)

AmeriSci Number	323111040-01			323111040-02			323111040-03			323111040-04		
Sample Number	2922640			2922660			2922620			2922624		
Sample Name	Outside Bldg - Pre - Back			1st Fl - D Room			1st Fl - S Room			1st Fl - AP #1		
Analysis Date	11/9/2023			11/9/2023			11/9/2023			11/9/2023		
Volume (L)	25			25			25			25		
Limit of Detection (LOD) (Count/M ³)	40			40			40			40		
Background Density	2			1			1			1		
Other	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Pollen	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND
Fibers	80	n/a	2	40	n/a	1	40	n/a	1	40	n/a	1
Mycelial Fragments	40	n/a	1	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND
Fungal Identification	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Alternaria sp.	ND			ND			ND			ND		
Ascospores	ND			ND			ND			ND		
Aspergillus/Penicillium	120	17	3	ND			1400	95	35	160	100	4
Basidiospores	40	6	1	ND			ND			ND		
Chaetomium sp.	ND			ND			ND			ND		
Cladosporium sp.	560	78	14	40	100	1	40	3	1	ND		
Curvularia sp.	ND			ND			ND			ND		
Epicoccum sp.	ND			ND			ND			ND		
Myxomycetes/Periconia/Smuts	ND			ND			40	3	1	ND		
Nigrospora sp.	ND			ND			ND			ND		
Pestalotia sp.	ND			ND			ND			ND		
Pithomyces sp.	ND			ND			ND			ND		
Total Fungal Spores	720	100	18	40	100	1	1480	100	37	160	100	4

ND = None Detected

**AmeriSci Bio-Chem**13635 GENITO ROAD
MIDLOTHIAN, VIRGINIA 23112
TEL: (804) 763-1200 • FAX: (804) 763-1800**Analyzed By:**
Justin B. LivermanAmeriSci Job #:
323111040
FINAL REPORT**Client: France Environmental, Inc.**Address: 7834 Forest Hill Ave
Suite 7
Richmond, VA 23225**Client Job#:** FEI-23MI505**Client Job Name:** CORPS: Thomas C Boushall Middle School**Date Received:** 11/08/23**Date Reported:** 11/10/23**Air Cassette Analytical Report (SOP# 3.24.01)**

AmeriSci Number	323111040-01			323111040-02			323111040-03			323111040-04		
Sample Number	2922640			2922660			2922620			2922624		
Sample Name	Outside Bldg - Pre - Back			1st Fl - D Room			1st Fl - S Room			1st Fl - AP #1		
Analysis Date	11/9/2023			11/9/2023			11/9/2023			11/9/2023		
Volume (L)	25			25			25			25		
Limit of Detection (LOD) (Count/M ³)	40			40			40			40		
Background Density	2			1			1			1		
Fungal Identification	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Spegazzinia sp.	ND			ND			ND			ND		
Total Fungal Spores	720	100	18	40	100	1	1480	100	37	160	100	4

ND = None Detected



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Air Cassette Analytical Report (SOP# 3.24.01)

AmeriSci Number	323111040-05			323111040-06			323111040-07			323111040-08		
Sample Number	2922611			2922616			2922605			2922601		
Sample Name	1st FI - Receptionist			1st FI - N Room			1st FI - EX Room			1st FI - Space Room #2		
Analysis Date	11/9/2023			11/9/2023			11/9/2023			11/9/2023		
Volume (L)	25			25			25			25		
Limit of Detection (LOD) (Count/M ³)	40			40			40			40		
Background Density	1			1			1			1		
Other	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Pollen	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND	40	n/a	1
Fibers	40	n/a	1	80	n/a	2	80	n/a	2	40	n/a	1
Mycelial Fragments	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND
Fungal Identification	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Alternaria sp.	ND			ND			ND			ND		
Ascospores	ND			ND			ND			ND		
Aspergillus/Penicillium	40	33	1	ND			ND			40	50	1
Basidiospores	ND			ND			ND			ND		
Chaetomium sp.	ND			ND			ND			ND		
Cladosporium sp.	80	67	2	80	100	2	120	75	3	40	50	1
Curvularia sp.	ND			ND			ND			ND		
Epicoccum sp.	ND			ND			ND			ND		
Myxomycetes/Periconia/Smuts	ND			ND			40	25	1	ND		
Nigrospora sp.	ND			ND			ND			ND		
Pestalotia sp.	ND			ND			ND			ND		
Pithomyces sp.	ND			ND			ND			ND		
Total Fungal Spores	120	100	3	80	100	2	160	100	4	80	100	2

ND = None Detected

**AmeriSci Bio-Chem**13635 GENITO ROAD
MIDLOTHIAN, VIRGINIA 23112
TEL: (804) 763-1200 • FAX: (804) 763-1800**Analyzed By:**
Justin B. LivermanAmeriSci Job #:
323111040
FINAL REPORT**Client: France Environmental, Inc.**Address: 7834 Forest Hill Ave
Suite 7
Richmond, VA 23225**Client Job#:** FEI-23MI505**Client Job Name:** CORPS: Thomas C Boushall Middle School**Date Received:** 11/08/23**Date Reported:** 11/10/23**Air Cassette Analytical Report (SOP# 3.24.01)**

AmeriSci Number	323111040-05			323111040-06			323111040-07			323111040-08		
Sample Number	2922611			2922616			2922605			2922601		
Sample Name	1st FI - Receptionist			1st FI - N Room			1st FI - EX Room			1st FI - Space Room #2		
Analysis Date	11/9/2023			11/9/2023			11/9/2023			11/9/2023		
Volume (L)	25			25			25			25		
Limit of Detection (LOD) (Count/M ³)	40			40			40			40		
Background Density	1			1			1			1		
Fungal Identification	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Spegazzinia sp.	ND			ND			ND			ND		
Total Fungal Spores	120	100	3	80	100	2	160	100	4	80	100	2

ND = None Detected



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Air Cassette Analytical Report (SOP# 3.24.01)

AmeriSci Number	323111040-09			323111040-10			323111040-11			323111040-12		
Sample Number	2922732			2922621			2922644			2922633		
Sample Name	1st FI - ORM			1st FI - W Room			1st FI - AP #2			1st FI - BS Room		
Analysis Date	11/9/2023			11/9/2023			11/9/2023			11/9/2023		
Volume (L)	25			25			25			25		
Limit of Detection (LOD) (Count/M ³)	40			40			40			40		
Background Density	1			1			1			1		
Other	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Pollen	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND
Fibers	ND	n/a	ND	80	n/a	2	ND	n/a	ND	40	n/a	1
Mycelial Fragments	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND
Fungal Identification	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Alternaria sp.	ND			ND			ND			ND		
Ascospores	ND			ND			ND			ND		
Aspergillus/Penicillium	ND			ND			ND			ND		
Basidiospores	ND			40	50	1	ND			40	33	1
Chaetomium sp.	ND			ND			ND			ND		
Cladosporium sp.	40	100	1	40	50	1	40	100	1	80	67	2
Curvularia sp.	ND			ND			ND			ND		
Epicoccum sp.	ND			ND			ND			ND		
Myxomycetes/Periconia/Smuts	ND			ND			ND			ND		
Nigrospora sp.	ND			ND			ND			ND		
Pestalotia sp.	ND			ND			ND			ND		
Pithomyces sp.	ND			ND			ND			ND		
Total Fungal Spores	40	100	1	80	100	2	40	100	1	120	100	3

ND = None Detected

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MIDLOTHIAN, VIRGINIA 23112
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School**Date Received:** 11/08/23**Date Reported:** 11/10/23**Air Cassette Analytical Report (SOP# 3.24.01)**

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Sample Number	2922732			2922621			2922644			2922633		
Sample Name	1st FI - ORM			1st FI - W Room			1st FI - AP #2			1st FI - BS Room		
Analysis Date	11/9/2023			11/9/2023			11/9/2023			11/9/2023		
Volume (L)	25			25			25			25		
Limit of Detection (LOD) (Count/M ³)	40			40			40			40		
Background Density	1			1			1			1		
Fungal Identification	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Spegazzinia sp.	ND			ND			ND			ND		
Total Fungal Spores	40	100	1	80	100	2	40	100	1	120	100	3

ND = None Detected

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Richmond, VA 23225**Client Job Name:** CORPS: Thomas C Boushall Middle
School**Date Reported:** 11/10/23**Air Cassette Analytical Report (SOP# 3.24.01)**

AmeriSci Number	323111040-13			323111040-14			323111040-15			323111040-16		
Sample Number	2922654			2922652			2922648			2922623		
Sample Name	1st FI - IP Room			1st FI - Conf Room			1st FI - G Room			1st FI - C Room		
Analysis Date	11/9/2023			11/9/2023			11/9/2023			11/9/2023		
Volume (L)	25			25			25			25		
Limit of Detection (LOD) (Count/M ³)	40			40			40			40		
Background Density	1			1			1			2		
Other	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Pollen	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND
Fibers	80	n/a	2	80	n/a	2	120	n/a	3	120	n/a	3
Mycelial Fragments	40	n/a	1	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND
Fungal Identification	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Alternaria sp.	ND			ND			ND			ND		
Ascospores	ND			ND			ND			ND		
Aspergillus/Penicillium	ND			ND			200	63	5	80	50	2
Basidiospores	40	50	1	ND			ND			ND		
Chaetomium sp.	ND			ND			ND			ND		
Cladosporium sp.	40	50	1	ND			40	13	1	80	50	2
Curvularia sp.	ND			ND			ND			ND		
Epicoccum sp.	ND			ND			ND			ND		
Myxomycetes/Periconia/Smuts	ND			ND			80	25	2	ND		
Nigrospora sp.	ND			ND			ND			ND		
Pestalotia sp.	ND			ND			ND			ND		
Pithomyces sp.	ND			ND			ND			ND		
Total Fungal Spores	80	100	2	ND	ND	ND	320	100	8	160	100	4

ND = None Detected

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323111040
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Address: 7834 Forest Hill Ave
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Richmond, VA 23225**Client Job#:** FEI-23MI505
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AmeriSci Number	323111040-13			323111040-14			323111040-15			323111040-16		
Sample Number	2922654			2922652			2922648			2922623		
Sample Name	1st FI - IP Room			1st FI - Conf Room			1st FI - G Room			1st FI - C Room		
Analysis Date	11/9/2023			11/9/2023			11/9/2023			11/9/2023		
Volume (L)	25			25			25			25		
Limit of Detection (LOD) (Count/M ³)	40			40			40			40		
Background Density	1			1			1			2		
Fungal Identification	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Spegazzinia sp.	ND			ND			ND			ND		
Total Fungal Spores	80	100	2	ND	ND	ND	320	100	8	160	100	4

ND = None Detected



Client: France Environmental, Inc.
Address: 7834 Forest Hill Ave
Suite 7
Richmond, VA 23225

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Client Job Name: CORPS: Thomas C Boushall Middle School

Date Received: 11/08/23
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Air Cassette Analytical Report (SOP# 3.24.01)

AmeriSci Number	323111040-17			323111040-18			323111040-19			323111040-20		
Sample Number	2922628			2922641			2922736			2922659		
Sample Name	1st FI - GS Room			1st FI - ORM			1st FI - CHC Room			1st FI - L-150		
Analysis Date	11/9/2023			11/9/2023			11/9/2023			11/9/2023		
Volume (L)	25			25			25			25		
Limit of Detection (LOD) (Count/M ³)	40			40			40			40		
Background Density	1			1			1			1		
Other	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Pollen	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND
Fibers	40	n/a	1	40	n/a	1	40	n/a	1	40	n/a	1
Mycelial Fragments	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND
Fungal Identification	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Alternaria sp.	ND			ND			ND			ND		
Ascospores	ND			ND			ND			ND		
Aspergillus/Penicillium	ND			40	33	1	80	50	2	ND		
Basidiospores	ND			ND			ND			40	50	1
Chaetomium sp.	ND			ND			ND			ND		
Cladosporium sp.	40	100	1	40	33	1	80	50	2	40	50	1
Curvularia sp.	ND			ND			ND			ND		
Epicoccum sp.	ND			ND			ND			ND		
Myxomycetes/Periconia/Smuts	ND			40	33	1	ND			ND		
Nigrospora sp.	ND			ND			ND			ND		
Pestalotia sp.	ND			ND			ND			ND		
Pithomyces sp.	ND			ND			ND			ND		
Total Fungal Spores	40	100	1	120	100	3	160	100	4	80	100	2

ND = None Detected

**AmeriSci Bio-Chem**13635 GENITO ROAD
MIDLOTHIAN, VIRGINIA 23112
TEL: (804) 763-1200 • FAX: (804) 763-1800**Analyzed By:**
Justin B. LivermanAmeriSci Job #:
323111040
FINAL REPORT**Client: France Environmental, Inc.**
Address: 7834 Forest Hill Ave
Suite 7
Richmond, VA 23225**Client Job#:** FEI-23MI505
Client Job Name: CORPS: Thomas C Boushall Middle School**Date Received:** 11/08/23
Date Reported: 11/10/23**Air Cassette Analytical Report (SOP# 3.24.01)**

AmeriSci Number	323111040-17			323111040-18			323111040-19			323111040-20		
Sample Number	2922628			2922641			2922736			2922659		
Sample Name	1st FI - GS Room			1st FI - ORM			1st FI - CHC Room			1st FI - L-150		
Analysis Date	11/9/2023			11/9/2023			11/9/2023			11/9/2023		
Volume (L)	25			25			25			25		
Limit of Detection (LOD) (Count/M ³)	40			40			40			40		
Background Density	1			1			1			1		
Fungal Identification	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Spegazzinia sp.	ND			ND			ND			ND		
Total Fungal Spores	40	100	1	120	100	3	160	100	4	80	100	2

ND = None Detected



Client: France Environmental, Inc.
Address: 7834 Forest Hill Ave
Suite 7
Richmond, VA 23225

Client Job#: FEI-23MI505
Client Job Name: CORPS: Thomas C Boushall Middle School

Date Received: 11/08/23
Date Reported: 11/10/23

Air Cassette Analytical Report (SOP# 3.24.01)

AmeriSci Number	323111040-21			323111040-22			323111040-23			323111040-24		
Sample Number	2922608			2922639			2922619			2922715		
Sample Name	1st FI - L-150 File Room			1st FI - L-150 Strge Rm			1st FI - TL			1st FI - L-111		
Analysis Date	11/9/2023			11/9/2023			11/9/2023			11/9/2023		
Volume (L)	25			25			25			25		
Limit of Detection (LOD) (Count/M ³)	40			40			40			40		
Background Density	1			1			1			1		
Other	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Pollen	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND
Fibers	120	n/a	3	ND	n/a	ND	ND	n/a	ND	40	n/a	1
Mycelial Fragments	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND
Fungal Identification	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Alternaria sp.	ND			ND			ND			ND		
Ascospores	ND			ND			ND			ND		
Aspergillus/Penicillium	ND			ND			ND			ND		
Basidiospores	40	33	1	ND			ND			ND		
Chaetomium sp.	ND			ND			ND			ND		
Cladosporium sp.	80	67	2	ND			40	100	1	40	100	1
Curvularia sp.	ND			ND			ND			ND		
Epicoccum sp.	ND			ND			ND			ND		
Myxomycetes/Periconia/Smuts	ND			ND			ND			ND		
Nigrospora sp.	ND			ND			ND			ND		
Pestalotia sp.	ND			ND			ND			ND		
Pithomyces sp.	ND			ND			ND			ND		
Total Fungal Spores	120	100	3	ND	ND	ND	40	100	1	40	100	1

ND = None Detected

**AmeriSci Bio-Chem**13635 GENITO ROAD
MIDLOTHIAN, VIRGINIA 23112
TEL: (804) 763-1200 • FAX: (804) 763-1800**Analyzed By:**
Justin B. LivermanAmeriSci Job #:
323111040
FINAL REPORT**Client: France Environmental, Inc.**Address: 7834 Forest Hill Ave
Suite 7
Richmond, VA 23225**Client Job#:** FEI-23MI505**Client Job Name:** CORPS: Thomas C Boushall Middle
School**Date Received:** 11/08/23**Date Reported:** 11/10/23**Air Cassette Analytical Report (SOP# 3.24.01)**

AmeriSci Number	323111040-21			323111040-22			323111040-23			323111040-24		
Sample Number	2922608			2922639			2922619			2922715		
Sample Name	1st FI - L-150 File Room			1st FI - L-150 Strge Rm			1st FI - TL			1st FI - L-111		
Analysis Date	11/9/2023			11/9/2023			11/9/2023			11/9/2023		
Volume (L)	25			25			25			25		
Limit of Detection (LOD) (Count/M ³)	40			40			40			40		
Background Density	1			1			1			1		
Fungal Identification	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Spegazzinia sp.	ND			ND			ND			ND		
Total Fungal Spores	120	100	3	ND	ND	ND	40	100	1	40	100	1

ND = None Detected



Client: France Environmental, Inc.
Address: 7834 Forest Hill Ave
Suite 7
Richmond, VA 23225

Client Job#: FEI-23MI505
Client Job Name: CORPS: Thomas C Boushall Middle School

Date Received: 11/08/23
Date Reported: 11/10/23

Air Cassette Analytical Report (SOP# 3.24.01)

AmeriSci Number	323111040-25			323111040-26			323111040-27			323111040-28		
Sample Number	2922612			2922670			2922666			2922646		
Sample Name	1st FI - Prep Room			1st FI - L-106			1st FI - L-155			1st FI - L-156		
Analysis Date	11/9/2023			11/9/2023			11/9/2023			11/9/2023		
Volume (L)	25			25			25			25		
Limit of Detection (LOD) (Count/M ³)	40			40			40			40		
Background Density	1			1			1			1		
Other	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Pollen	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND
Fibers	ND	n/a	ND	40	n/a	1	40	n/a	1	80	n/a	2
Mycelial Fragments	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND
Fungal Identification	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Alternaria sp.	ND			ND			ND			ND		
Ascospores	ND			ND			ND			ND		
Aspergillus/Penicillium	ND			ND			40	25	1	ND		
Basidiospores	ND			ND			40	25	1	ND		
Chaetomium sp.	ND			ND			ND			ND		
Cladosporium sp.	ND			40	100	1	80	50	2	80	100	2
Curvularia sp.	ND			ND			ND			ND		
Epicoccum sp.	ND			ND			ND			ND		
Myxomycetes/Periconia/Smuts	ND			ND			ND			ND		
Nigrospora sp.	ND			ND			ND			ND		
Pestalotia sp.	ND			ND			ND			ND		
Pithomyces sp.	ND			ND			ND			ND		
Total Fungal Spores	ND	ND	ND	40	100	1	160	100	4	80	100	2

ND = None Detected

**AmeriSci Bio-Chem**13635 GENITO ROAD
MIDLOTHIAN, VIRGINIA 23112
TEL: (804) 763-1200 • FAX: (804) 763-1800**Analyzed By:**
Justin B. LivermanAmeriSci Job #:
323111040
FINAL REPORT**Client: France Environmental, Inc.**
Address: 7834 Forest Hill Ave
Suite 7
Richmond, VA 23225**Client Job#:** FEI-23MI505
Client Job Name: CORPS: Thomas C Boushall Middle School**Date Received:** 11/08/23
Date Reported: 11/10/23**Air Cassette Analytical Report (SOP# 3.24.01)**

AmeriSci Number	323111040-25			323111040-26			323111040-27			323111040-28		
Sample Number	2922612			2922670			2922666			2922646		
Sample Name	1st FI - Prep Room			1st FI - L-106			1st FI - L-155			1st FI - L-156		
Analysis Date	11/9/2023			11/9/2023			11/9/2023			11/9/2023		
Volume (L)	25			25			25			25		
Limit of Detection (LOD) (Count/M ³)	40			40			40			40		
Background Density	1			1			1			1		
Fungal Identification	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Spegazzinia sp.	ND			ND			ND			ND		
Total Fungal Spores	ND	ND	ND	40	100	1	160	100	4	80	100	2

ND = None Detected



Client: France Environmental, Inc.
Address: 7834 Forest Hill Ave
Suite 7
Richmond, VA 23225

Client Job#: FEI-23MI505
Client Job Name: CORPS: Thomas C Boushall Middle School

Date Received: 11/08/23
Date Reported: 11/10/23

Air Cassette Analytical Report (SOP# 3.24.01)

AmeriSci Number	323111040-29			323111040-30			323111040-31			323111040-32		
Sample Number	2922667			2922638			2922733			2922767		
Sample Name	1st Fl - Hall Next To L156			1st Fl - L-150			Outside Bldg - Mid-Day-Front			1st Fl - L-192		
Analysis Date	11/9/2023			11/9/2023			11/9/2023			11/9/2023		
Volume (L)	25			25			25			25		
Limit of Detection (LOD) (Count/M ³)	40			40			40			40		
Background Density	1			1			2			1		
Other	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Pollen	40	n/a	1	ND	n/a	ND	40	n/a	1	ND	n/a	ND
Fibers	40	n/a	1	40	n/a	1	80	n/a	2	80	n/a	2
Mycelial Fragments	ND	n/a	ND	ND	n/a	ND	40	n/a	1	ND	n/a	ND
Fungal Identification	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Alternaria sp.	ND			ND			80	4	2	ND		
Ascospores	ND			ND			40	2	1	ND		
Aspergillus/Penicillium	40	50	1	ND			200	10	5	ND		
Basidiospores	ND			ND			120	6	3	ND		
Chaetomium sp.	ND			ND			ND			ND		
Cladosporium sp.	40	50	1	40	100	1	1240	60	31	40	100	1
Curvularia sp.	ND			ND			ND			ND		
Epicoccum sp.	ND			ND			80	4	2	ND		
Myxomycetes/Periconia/Smuts	ND			ND			320	15	8	ND		
Nigrospora sp.	ND			ND			ND			ND		
Pestalotia sp.	ND			ND			ND			ND		
Pithomyces sp.	ND			ND			ND			ND		
Total Fungal Spores	80	100	2	40	100	1	2080	100	52	40	100	1

ND = None Detected

**AmeriSci Bio-Chem**13635 GENITO ROAD
MIDLOTHIAN, VIRGINIA 23112
TEL: (804) 763-1200 • FAX: (804) 763-1800**Analyzed By:**
Justin B. LivermanAmeriSci Job #:
323111040
FINAL REPORT**Client: France Environmental, Inc.**Address: 7834 Forest Hill Ave
Suite 7
Richmond, VA 23225**Client Job#:** FEI-23MI505**Client Job Name:** CORPS: Thomas C Boushall Middle
School**Date Received:** 11/08/23**Date Reported:** 11/10/23**Air Cassette Analytical Report (SOP# 3.24.01)**

AmeriSci Number	323111040-29			323111040-30			323111040-31			323111040-32		
Sample Number	2922667			2922638			2922733			2922767		
Sample Name	1st Fl - Hall Next To L156			1st Fl - L-150			Outside Bldg - Mid-Day-Front			1st Fl - L-192		
Analysis Date	11/9/2023			11/9/2023			11/9/2023			11/9/2023		
Volume (L)	25			25			25			25		
Limit of Detection (LOD) (Count/M ³)	40			40			40			40		
Background Density	1			1			2			1		
Fungal Identification	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Spegazzinia sp.	ND			ND			ND			ND		
Total Fungal Spores	80	100	2	40	100	1	2080	100	52	40	100	1

ND = None Detected



Client: France Environmental, Inc.
Address: 7834 Forest Hill Ave
Suite 7
Richmond, VA 23225

Client Job#: FEI-23MI505
Client Job Name: CORPS: Thomas C Boushall Middle School

Date Received: 11/08/23
Date Reported: 11/10/23

Air Cassette Analytical Report (SOP# 3.24.01)

AmeriSci Number	323111040-33			323111040-34			323111040-35			323111040-36		
Sample Number	2922720			2922656			2922637			2922773		
Sample Name	1st FI - L-187			1st FI - 184			1st FI - 185			1st FI - L-158		
Analysis Date	11/9/2023			11/9/2023			11/9/2023			11/9/2023		
Volume (L)	25			25			25			25		
Limit of Detection (LOD) (Count/M ³)	40			40			40			40		
Background Density	1			1			1			1		
Other	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Pollen	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND
Fibers	40	n/a	1	ND	n/a	ND	ND	n/a	ND	40	n/a	1
Mycelial Fragments	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND
Fungal Identification	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Alternaria sp.	ND			ND			ND			ND		
Ascospores	ND			ND			ND			ND		
Aspergillus/Penicillium	ND			ND			ND			ND		
Basidiospores	ND			ND			ND			40	100	1
Chaetomium sp.	ND			ND			ND			ND		
Cladosporium sp.	80	67	2	ND			ND			ND		
Curvularia sp.	ND			ND			ND			ND		
Epicoccum sp.	ND			ND			ND			ND		
Myxomycetes/Periconia/Smuts	40	33	1	ND			ND			ND		
Nigrospora sp.	ND			ND			ND			ND		
Pestalotia sp.	ND			ND			ND			ND		
Pithomyces sp.	ND			ND			ND			ND		
Total Fungal Spores	120	100	3	ND	ND	ND	ND	ND	ND	40	100	1

ND = None Detected

**AmeriSci Bio-Chem**13635 GENITO ROAD
MIDLOTHIAN, VIRGINIA 23112
TEL: (804) 763-1200 • FAX: (804) 763-1800**Analyzed By:**
Justin B. LivermanAmeriSci Job #:
323111040
FINAL REPORT**Client: France Environmental, Inc.****Address: 7834 Forest Hill Ave**
Suite 7
Richmond, VA 23225**Client Job#:** FEI-23MI505**Client Job Name:** CORPS: Thomas C Boushall Middle
School**Date Received:** 11/08/23**Date Reported:** 11/10/23**Air Cassette Analytical Report (SOP# 3.24.01)**

AmeriSci Number	323111040-33			323111040-34			323111040-35			323111040-36		
Sample Number	2922720			2922656			2922637			2922773		
Sample Name	1st FI - L-187			1st FI - 184			1st FI - 185			1st FI - L-158		
Analysis Date	11/9/2023			11/9/2023			11/9/2023			11/9/2023		
Volume (L)	25			25			25			25		
Limit of Detection (LOD) (Count/M ³)	40			40			40			40		
Background Density	1			1			1			1		
Fungal Identification	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Spegazzinia sp.	ND			ND			ND			ND		
Total Fungal Spores	120	100	3	ND	ND	ND	ND	ND	ND	40	100	1

ND = None Detected



Client: France Environmental, Inc.
Address: 7834 Forest Hill Ave
Suite 7
Richmond, VA 23225

Client Job#: FEI-23MI505
Client Job Name: CORPS: Thomas C Boushall Middle School

Date Received: 11/08/23
Date Reported: 11/10/23

Air Cassette Analytical Report (SOP# 3.24.01)

AmeriSci Number	323111040-37			323111040-38			323111040-39			323111040-40		
Sample Number	2922729			2922764			2922744			2922636		
Sample Name	1st FI - L-175			1st FI - L-166			1st FI - L-166 - Office			1st FI - L-166 - Classrm #1		
Analysis Date	11/9/2023			11/9/2023			11/9/2023			11/9/2023		
Volume (L)	25			25			25			25		
Limit of Detection (LOD) (Count/M ³)	40			40			40			40		
Background Density	1			1			1			1		
Other	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Pollen	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND
Fibers	80	n/a	2	40	n/a	1	40	n/a	1	ND	n/a	ND
Mycelial Fragments	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND
Fungal Identification	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Alternaria sp.	ND			ND			ND			ND		
Ascospores	ND			ND			ND			ND		
Aspergillus/Penicillium	40	33	1	ND			80	40	2	ND		
Basidiospores	ND			ND			ND			ND		
Chaetomium sp.	ND			ND			ND			ND		
Cladosporium sp.	40	33	1	40	50	1	80	40	2	ND		
Curvularia sp.	ND			ND			ND			ND		
Epicoccum sp.	ND			ND			ND			ND		
Myxomycetes/Periconia/Smuts	40	33	1	40	50	1	40	20	1	ND		
Nigrospora sp.	ND			ND			ND			ND		
Pestalotia sp.	ND			ND			ND			ND		
Pithomyces sp.	ND			ND			ND			ND		
Total Fungal Spores	120	100	3	80	100	2	200	100	5	ND	ND	ND

ND = None Detected

**AmeriSci Bio-Chem**13635 GENITO ROAD
MIDLOTHIAN, VIRGINIA 23112
TEL: (804) 763-1200 • FAX: (804) 763-1800**Analyzed By:**
Justin B. LivermanAmeriSci Job #:
323111040
FINAL REPORT**Client: France Environmental, Inc.****Client Job#:** FEI-23MI505**Date Received:** 11/08/23**Address:** 7834 Forest Hill Ave
Suite 7
Richmond, VA 23225**Client Job Name:** CORPS: Thomas C Boushall Middle
School**Date Reported:** 11/10/23**Air Cassette Analytical Report (SOP# 3.24.01)**

AmeriSci Number	323111040-37			323111040-38			323111040-39			323111040-40		
Sample Number	2922729			2922764			2922744			2922636		
Sample Name	1st FI - L-175			1st FI - L-166			1st FI - L-166 - Office			1st FI - L-166 - Classrm #1		
Analysis Date	11/9/2023			11/9/2023			11/9/2023			11/9/2023		
Volume (L)	25			25			25			25		
Limit of Detection (LOD) (Count/M ³)	40			40			40			40		
Background Density	1			1			1			1		
Fungal Identification	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Spegazzinia sp.	ND			ND			ND			ND		
Total Fungal Spores	120	100	3	80	100	2	200	100	5	ND	ND	ND

ND = None Detected



Client: France Environmental, Inc.
Address: 7834 Forest Hill Ave
Suite 7
Richmond, VA 23225

Client Job#: FEI-23MI505
Client Job Name: CORPS: Thomas C Boushall Middle School

Date Received: 11/08/23
Date Reported: 11/10/23

Air Cassette Analytical Report (SOP# 3.24.01)

AmeriSci Number	323111040-41			323111040-42			323111040-43			323111040-44		
Sample Number	2922718			2922676			2922713			2922664		
Sample Name	1st FI - L-166 - Classrm #2			1st FI - Maintenance - Office			1st FI - Maintenance - Break Rm			1st FI - Kitchen		
Analysis Date	11/9/2023			11/9/2023			11/9/2023			11/9/2023		
Volume (L)	25			25			25			25		
Limit of Detection (LOD) (Count/M ³)	40			40			40			40		
Background Density	1			1			1			1		
Other	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Pollen	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND
Fibers	40	n/a	1	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND
Mycelial Fragments	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND
Fungal Identification	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Alternaria sp.	ND			ND			ND			ND		
Ascospores	ND			ND			ND			ND		
Aspergillus/Penicillium	ND			ND			40	33	1	ND		
Basidiospores	ND			ND			40	33	1	ND		
Chaetomium sp.	ND			ND			ND			ND		
Cladosporium sp.	40	50	1	ND			ND			ND		
Curvularia sp.	ND			ND			40	33	1	ND		
Epicoccum sp.	ND			ND			ND			ND		
Myxomycetes/Periconia/Smuts	40	50	1	ND			ND			ND		
Nigrospora sp.	ND			ND			ND			ND		
Pestalotia sp.	ND			ND			ND			ND		
Pithomyces sp.	ND			ND			ND			ND		
Total Fungal Spores	80	100	2	ND	ND	ND	120	100	3	ND	ND	ND

ND = None Detected

**AmeriSci Bio-Chem**13635 GENITO ROAD
MIDLOTHIAN, VIRGINIA 23112
TEL: (804) 763-1200 • FAX: (804) 763-1800**Analyzed By:**
Justin B. LivermanAmeriSci Job #:
323111040
FINAL REPORT**Client: France Environmental, Inc.**
Address: 7834 Forest Hill Ave
Suite 7
Richmond, VA 23225**Client Job#:** FEI-23MI505
Client Job Name: CORPS: Thomas C Boushall Middle School**Date Received:** 11/08/23
Date Reported: 11/10/23**Air Cassette Analytical Report (SOP# 3.24.01)**

AmeriSci Number	323111040-41			323111040-42			323111040-43			323111040-44		
Sample Number	2922718			2922676			2922713			2922664		
Sample Name	1st FI - L-166 - Classrm #2			1st FI - Maintenance - Office			1st FI - Maintenance - Break Rm			1st FI - Kitchen		
Analysis Date	11/9/2023			11/9/2023			11/9/2023			11/9/2023		
Volume (L)	25			25			25			25		
Limit of Detection (LOD) (Count/M ³)	40			40			40			40		
Background Density	1			1			1			1		
Fungal Identification	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Spegazzinia sp.	ND			ND			ND			ND		
Total Fungal Spores	80	100	2	ND	ND	ND	120	100	3	ND	ND	ND

ND = None Detected



Client: France Environmental, Inc.
Address: 7834 Forest Hill Ave
Suite 7
Richmond, VA 23225

Client Job#: FEI-23MI505
Client Job Name: CORPS: Thomas C Boushall Middle School

Date Received: 11/08/23
Date Reported: 11/10/23

Air Cassette Analytical Report (SOP# 3.24.01)

AmeriSci Number	323111040-45			323111040-46			323111040-47			323111040-48		
Sample Number	2922643			2922750			2922677			2922761		
Sample Name	1st FI - Commons			1st FI - Kitchen Office			1st FI - Security Office			1st FI - Media Rm Conf Rm		
Analysis Date	11/9/2023			11/9/2023			11/9/2023			11/9/2023		
Volume (L)	25			25			25			25		
Limit of Detection (LOD) (Count/M ³)	40			40			40			40		
Background Density	1			1			2			2		
Other	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Pollen	ND	n/a	ND	ND	n/a	ND	40	n/a	1	ND	n/a	ND
Fibers	ND	n/a	ND	40	n/a	1	120	n/a	3	40	n/a	1
Mycelial Fragments	ND	n/a	ND	ND	n/a	ND	80	n/a	2	ND	n/a	ND
Fungal Identification	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Alternaria sp.	ND			ND			ND			ND		
Ascospores	ND			ND			40	3	1	ND		
Aspergillus/Penicillium	40	50	1	ND			160	12	4	ND		
Basidiospores	ND			ND			80	6	2	40	17	1
Chaetomium sp.	ND			ND			ND			ND		
Cladosporium sp.	ND			40	100	1	280	21	7	80	33	2
Curvularia sp.	ND			ND			ND			ND		
Epicoccum sp.	ND			ND			ND			ND		
Myxomycetes/Periconia/Smuts	40	50	1	ND			720	55	18	120	50	3
Nigrospora sp.	ND			ND			40	3	1	ND		
Pestalotia sp.	ND			ND			ND			ND		
Pithomyces sp.	ND			ND			ND			ND		
Total Fungal Spores	80	100	2	40	100	1	1320	100	33	240	100	6

ND = None Detected

**AmeriSci Bio-Chem**13635 GENITO ROAD
MIDLOTHIAN, VIRGINIA 23112
TEL: (804) 763-1200 • FAX: (804) 763-1800**Analyzed By:**
Justin B. LivermanAmeriSci Job #:
323111040
FINAL REPORT**Client: France Environmental, Inc.**Address: 7834 Forest Hill Ave
Suite 7
Richmond, VA 23225**Client Job#:** FEI-23MI505**Client Job Name:** CORPS: Thomas C Boushall Middle
School**Date Received:** 11/08/23**Date Reported:** 11/10/23**Air Cassette Analytical Report (SOP# 3.24.01)**

AmeriSci Number	323111040-45			323111040-46			323111040-47			323111040-48		
Sample Number	2922643			2922750			2922677			2922761		
Sample Name	1st FI - Commons			1st FI - Kitchen Office			1st FI - Security Office			1st FI - Media Rm Conf Rm		
Analysis Date	11/9/2023			11/9/2023			11/9/2023			11/9/2023		
Volume (L)	25			25			25			25		
Limit of Detection (LOD) (Count/M ³)	40			40			40			40		
Background Density	1			1			2			2		
Fungal Identification	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Spegazzinia sp.	ND			ND			ND			ND		
Total Fungal Spores	80	100	2	40	100	1	1320	100	33	240	100	6

ND = None Detected



Client: France Environmental, Inc.
Address: 7834 Forest Hill Ave
Suite 7
Richmond, VA 23225

Client Job#: FEI-23MI505
Client Job Name: CORPS: Thomas C Boushall Middle School

Date Received: 11/08/23
Date Reported: 11/10/23

Air Cassette Analytical Report (SOP# 3.24.01)

AmeriSci Number	323111040-49			323111040-50			323111040-51			323111040-52		
Sample Number	2922651			2944066			2944076			2944071		
Sample Name	1st FI - AV Rm #1			Outside Bldg - Post - Back			2nd FI - 290			2nd FI - 286		
Analysis Date	11/9/2023			11/9/2023			11/9/2023			11/9/2023		
Volume (L)	25			25			25			25		
Limit of Detection (LOD) (Count/M ³)	40			40			40			40		
Background Density	1			2			1			2		
Other	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Pollen	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND
Fibers	40	n/a	1	80	n/a	2	40	n/a	1	40	n/a	1
Mycelial Fragments	ND	n/a	ND	80	n/a	2	ND	n/a	ND	ND	n/a	ND
Fungal Identification	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Alternaria sp.	ND			40	2	1	ND			ND		
Ascospores	ND			ND			ND			ND		
Aspergillus/Penicillium	ND			400	24	10	40	17	1	80	50	2
Basidiospores	ND			160	10	4	40	17	1	ND		
Chaetomium sp.	ND			ND			ND			ND		
Cladosporium sp.	ND			800	49	20	80	33	2	80	50	2
Curvularia sp.	ND			ND			40	17	1	ND		
Epicoccum sp.	ND			40	2	1	ND			ND		
Myxomycetes/Periconia/Smuts	ND			160	10	4	40	17	1	ND		
Nigrospora sp.	ND			ND			ND			ND		
Pestalotia sp.	ND			40	2	1	ND			ND		
Pithomyces sp.	ND			ND			ND			ND		
Total Fungal Spores	ND	ND	ND	1640	100	41	240	100	6	160	100	4

ND = None Detected

**AmeriSci Bio-Chem**13635 GENITO ROAD
MIDLOTHIAN, VIRGINIA 23112
TEL: (804) 763-1200 • FAX: (804) 763-1800**Analyzed By:**
Justin B. LivermanAmeriSci Job #:
323111040
FINAL REPORT**Client: France Environmental, Inc.**Address: 7834 Forest Hill Ave
Suite 7
Richmond, VA 23225**Client Job#:** FEI-23MI505**Client Job Name:** CORPS: Thomas C Boushall Middle School**Date Received:** 11/08/23**Date Reported:** 11/10/23**Air Cassette Analytical Report (SOP# 3.24.01)**

AmeriSci Number	323111040-49			323111040-50			323111040-51			323111040-52		
Sample Number	2922651			2944066			2944076			2944071		
Sample Name	1st FI - AV Rm #1			Outside Bldg - Post - Back			2nd FI - 290			2nd FI - 286		
Analysis Date	11/9/2023			11/9/2023			11/9/2023			11/9/2023		
Volume (L)	25			25			25			25		
Limit of Detection (LOD) (Count/M ³)	40			40			40			40		
Background Density	1			2			1			2		
Fungal Identification	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Spegazzinia sp.	ND			ND			ND			ND		
Total Fungal Spores	ND	ND	ND	1640	100	41	240	100	6	160	100	4

ND = None Detected



Client: France Environmental, Inc.
Address: 7834 Forest Hill Ave
Suite 7
Richmond, VA 23225

Client Job#: FEI-23MI505
Client Job Name: CORPS: Thomas C Boushall Middle School

Date Received: 11/08/23
Date Reported: 11/10/23

Air Cassette Analytical Report (SOP# 3.24.01)

AmeriSci Number	323111040-53			323111040-54			323111040-55			323111040-56		
Sample Number	2944075			2944085			2944086			2944093		
Sample Name	2nd FI - 138			2nd FI - 267			2nd FI - 142			2nd FI - 250		
Analysis Date	11/9/2023			11/9/2023			11/9/2023			11/9/2023		
Volume (L)	25			25			25			25		
Limit of Detection (LOD) (Count/M ³)	40			40			40			40		
Background Density	1			1			2			1		
Other	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Pollen	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND
Fibers	80	n/a	2	40	n/a	1	120	n/a	3	ND	n/a	ND
Mycelial Fragments	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND
Fungal Identification	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Alternaria sp.	ND			ND			ND			ND		
Ascospores	ND			ND			ND			ND		
Aspergillus/Penicillium	40	50	1	40	50	1	120	30	3	ND		
Basidiospores	ND			ND			40	10	1	ND		
Chaetomium sp.	ND			ND			ND			ND		
Cladosporium sp.	40	50	1	ND			200	50	5	ND		
Curvularia sp.	ND			ND			ND			ND		
Epicoccum sp.	ND			ND			ND			ND		
Myxomycetes/Periconia/Smuts	ND			40	50	1	40	10	1	ND		
Nigrospora sp.	ND			ND			ND			ND		
Pestalotia sp.	ND			ND			ND			ND		
Pithomyces sp.	ND			ND			ND			ND		
Total Fungal Spores	80	100	2	80	100	2	400	100	10	ND	ND	ND

ND = None Detected

**AmeriSci Bio-Chem**13635 GENITO ROAD
MIDLOTHIAN, VIRGINIA 23112
TEL: (804) 763-1200 • FAX: (804) 763-1800**Analyzed By:**
Justin B. LivermanAmeriSci Job #:
323111040
FINAL REPORT**Client: France Environmental, Inc.**Address: 7834 Forest Hill Ave
Suite 7
Richmond, VA 23225**Client Job#:** FEI-23MI505**Client Job Name:** CORPS: Thomas C Boushall Middle School**Date Received:** 11/08/23**Date Reported:** 11/10/23**Air Cassette Analytical Report (SOP# 3.24.01)**

AmeriSci Number	323111040-53			323111040-54			323111040-55			323111040-56		
Sample Number	2944075			2944085			2944086			2944093		
Sample Name	2nd FI - 138			2nd FI - 267			2nd FI - 142			2nd FI - 250		
Analysis Date	11/9/2023			11/9/2023			11/9/2023			11/9/2023		
Volume (L)	25			25			25			25		
Limit of Detection (LOD) (Count/M ³)	40			40			40			40		
Background Density	1			1			2			1		
Fungal Identification	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Spegazzinia sp.	ND			ND			ND			ND		
Total Fungal Spores	80	100	2	80	100	2	400	100	10	ND	ND	ND

ND = None Detected



Client: France Environmental, Inc.
Address: 7834 Forest Hill Ave
Suite 7
Richmond, VA 23225

Client Job#: FEI-23MI505
Client Job Name: CORPS: Thomas C Boushall Middle School

Date Received: 11/08/23
Date Reported: 11/10/23

Air Cassette Analytical Report (SOP# 3.24.01)

AmeriSci Number	323111040-57			323111040-58			323111040-59			323111040-60		
Sample Number	2944090			2944092			2944089			2944088		
Sample Name	2nd FI - 141			2nd FI - 7th Grade Counselor			2nd FI - 241			2nd FI - 235		
Analysis Date	11/9/2023			11/9/2023			11/9/2023			11/9/2023		
Volume (L)	25			25			25			25		
Limit of Detection (LOD) (Count/M ³)	40			40			40			40		
Background Density	1			2			1			1		
Other	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Pollen	ND	n/a	ND	40	n/a	1	ND	n/a	ND	ND	n/a	ND
Fibers	40	n/a	1	120	n/a	3	40	n/a	1	ND	n/a	ND
Mycelial Fragments	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND
Fungal Identification	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Alternaria sp.	ND			40	8	1	ND			ND		
Ascospores	ND			ND			ND			ND		
Aspergillus/Penicillium	400	71	10	120	25	3	ND			40	50	1
Basidiospores	40	7	1	ND			ND			ND		
Chaetomium sp.	ND			ND			ND			ND		
Cladosporium sp.	80	14	2	160	33	4	40	100	1	40	50	1
Curvularia sp.	ND			40	8	1	ND			ND		
Epicoccum sp.	ND			ND			ND			ND		
Myxomycetes/Periconia/Smuts	40	7	1	120	25	3	ND			ND		
Nigrospora sp.	ND			ND			ND			ND		
Pestalotia sp.	ND			ND			ND			ND		
Pithomyces sp.	ND			ND			ND			ND		
Total Fungal Spores	560	100	14	480	100	12	40	100	1	80	100	2

ND = None Detected

**AmeriSci Bio-Chem**13635 GENITO ROAD
MIDLOTHIAN, VIRGINIA 23112
TEL: (804) 763-1200 • FAX: (804) 763-1800**Analyzed By:**
Justin B. LivermanAmeriSci Job #:
323111040
FINAL REPORT**Client: France Environmental, Inc.****Address: 7834 Forest Hill Ave**
Suite 7
Richmond, VA 23225**Client Job#:** FEI-23MI505**Client Job Name:** CORPS: Thomas C Boushall Middle
School**Date Received:** 11/08/23**Date Reported:** 11/10/23**Air Cassette Analytical Report (SOP# 3.24.01)**

AmeriSci Number	323111040-57			323111040-58			323111040-59			323111040-60		
Sample Number	2944090			2944092			2944089			2944088		
Sample Name	2nd FI - 141			2nd FI - 7th Grade Counselor			2nd FI - 241			2nd FI - 235		
Analysis Date	11/9/2023			11/9/2023			11/9/2023			11/9/2023		
Volume (L)	25			25			25			25		
Limit of Detection (LOD) (Count/M ³)	40			40			40			40		
Background Density	1			2			1			1		
Fungal Identification	Count/M ³	%	Raw Count	Count/M ³	%	Raw Count	Count/M ³	%	Raw Count	Count/M ³	%	Raw Count
Spegazzinia sp.	ND			ND			ND			ND		
Total Fungal Spores	560	100	14	480	100	12	40	100	1	80	100	2

ND = None Detected



Client: France Environmental, Inc.
Address: 7834 Forest Hill Ave
Suite 7
Richmond, VA 23225

Client Job#: FEI-23MI505
Client Job Name: CORPS: Thomas C Boushall Middle School

Date Received: 11/08/23
Date Reported: 11/10/23

Air Cassette Analytical Report (SOP# 3.24.01)

AmeriSci Number	323111040-61			323111040-62			323111040-63			323111040-64		
Sample Number	2944074			2944073			2944072			2944067		
Sample Name	2nd FI - 266			2nd FI - 284			2nd FI - 234			2nd FI - 231		
Analysis Date	11/9/2023			11/9/2023			11/9/2023			11/9/2023		
Volume (L)	25			25			25			25		
Limit of Detection (LOD) (Count/M ³)	40			40			40			40		
Background Density	1			1			1			1		
Other	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Pollen	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND
Fibers	80	n/a	2	80	n/a	2	120	n/a	3	80	n/a	2
Mycelial Fragments	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND
Fungal Identification	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Alternaria sp.	ND			ND			ND			ND		
Ascospores	ND			ND			ND			ND		
Aspergillus/Penicillium	40	50	1	ND			ND			40	50	1
Basidiospores	ND			ND			ND			ND		
Chaetomium sp.	ND			ND			ND			ND		
Cladosporium sp.	40	50	1	40	100	1	40	100	1	ND		
Curvularia sp.	ND			ND			ND			ND		
Epicoccum sp.	ND			ND			ND			ND		
Myxomycetes/Periconia/Smuts	ND			ND			ND			40	50	1
Nigrospora sp.	ND			ND			ND			ND		
Pestalotia sp.	ND			ND			ND			ND		
Pithomyces sp.	ND			ND			ND			ND		
Total Fungal Spores	80	100	2	40	100	1	40	100	1	80	100	2

ND = None Detected

**AmeriSci Bio-Chem**13635 GENITO ROAD
MIDLOTHIAN, VIRGINIA 23112
TEL: (804) 763-1200 • FAX: (804) 763-1800**Analyzed By:**
Justin B. LivermanAmeriSci Job #:
323111040
FINAL REPORT**Client: France Environmental, Inc.**Address: 7834 Forest Hill Ave
Suite 7
Richmond, VA 23225**Client Job#:** FEI-23MI505**Client Job Name:** CORPS: Thomas C Boushall Middle School**Date Received:** 11/08/23**Date Reported:** 11/10/23**Air Cassette Analytical Report (SOP# 3.24.01)**

AmeriSci Number	323111040-61			323111040-62			323111040-63			323111040-64		
Sample Number	2944074			2944073			2944072			2944067		
Sample Name	2nd FI - 266			2nd FI - 284			2nd FI - 234			2nd FI - 231		
Analysis Date	11/9/2023			11/9/2023			11/9/2023			11/9/2023		
Volume (L)	25			25			25			25		
Limit of Detection (LOD) (Count/M ³)	40			40			40			40		
Background Density	1			1			1			1		
Fungal Identification	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Spegazzinia sp.	ND			ND			ND			ND		
Total Fungal Spores	80	100	2	40	100	1	40	100	1	80	100	2

ND = None Detected



Client: France Environmental, Inc.
Address: 7834 Forest Hill Ave
Suite 7
Richmond, VA 23225

Client Job#: FEI-23MI505
Client Job Name: CORPS: Thomas C Boushall Middle School

Date Received: 11/08/23
Date Reported: 11/10/23

Air Cassette Analytical Report (SOP# 3.24.01)

AmeriSci Number	323111040-65			323111040-66			323111040-67			323111040-68		
Sample Number	2944069			2944078			2944084			2944081		
Sample Name	2nd FI - 227			2nd FI - 210			2nd FI - 205			2nd FI - 226		
Analysis Date	11/9/2023			11/9/2023			11/9/2023			11/9/2023		
Volume (L)	25			25			25			25		
Limit of Detection (LOD) (Count/M ³)	40			40			40			40		
Background Density	1			1			1			1		
Other	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Pollen	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND
Fibers	ND	n/a	ND	40	n/a	1	40	n/a	1	40	n/a	1
Mycelial Fragments	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND
Fungal Identification	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Alternaria sp.	ND			ND			ND			ND		
Ascospores	ND			ND			ND			ND		
Aspergillus/Penicillium	40	50	1	80	40	2	40	50	1	40	100	1
Basidiospores	ND			ND			ND			ND		
Chaetomium sp.	ND			ND			ND			ND		
Cladosporium sp.	40	50	1	40	20	1	40	50	1	ND		
Curvularia sp.	ND			ND			ND			ND		
Epicoccum sp.	ND			ND			ND			ND		
Myxomycetes/Periconia/Smuts	ND			80	40	2	ND			ND		
Nigrospora sp.	ND			ND			ND			ND		
Pestalotia sp.	ND			ND			ND			ND		
Pithomyces sp.	ND			ND			ND			ND		
Total Fungal Spores	80	100	2	200	100	5	80	100	2	40	100	1

ND = None Detected

**AmeriSci Bio-Chem**13635 GENITO ROAD
MIDLOTHIAN, VIRGINIA 23112
TEL: (804) 763-1200 • FAX: (804) 763-1800**Analyzed By:**
Justin B. LivermanAmeriSci Job #:
323111040
FINAL REPORT**Client: France Environmental, Inc.**Address: 7834 Forest Hill Ave
Suite 7
Richmond, VA 23225**Client Job#:** FEI-23MI505**Client Job Name:** CORPS: Thomas C Boushall Middle School**Date Received:** 11/08/23**Date Reported:** 11/10/23**Air Cassette Analytical Report (SOP# 3.24.01)**

AmeriSci Number	323111040-65			323111040-66			323111040-67			323111040-68		
Sample Number	2944069			2944078			2944084			2944081		
Sample Name	2nd FI - 227			2nd FI - 210			2nd FI - 205			2nd FI - 226		
Analysis Date	11/9/2023			11/9/2023			11/9/2023			11/9/2023		
Volume (L)	25			25			25			25		
Limit of Detection (LOD) (Count/M ³)	40			40			40			40		
Background Density	1			1			1			1		
Fungal Identification	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Spegazzinia sp.	ND			ND			ND			ND		
Total Fungal Spores	80	100	2	200	100	5	80	100	2	40	100	1

ND = None Detected

**Client: France Environmental, Inc.****Address: 7834 Forest Hill Ave**
Suite 7
Richmond, VA 23225**Client Job#: FEI-23MI505****Client Job Name: CORPS: Thomas C Boushall Middle**
School**Date Received: 11/08/23****Date Reported: 11/10/23****Air Cassette Analytical Report (SOP# 3.24.01)**

AmeriSci Number	323111040-69			323111040-70			323111040-71			323111040-72		
Sample Number	2944083			2944080			2944079			2944082		
Sample Name	2nd FI - 230			2nd FI - 280			2nd FI - Hallway A			2nd FI - Hallway B		
Analysis Date	11/9/2023			11/9/2023			11/9/2023			11/10/2023		
Volume (L)	25			25			25			25		
Limit of Detection (LOD) (Count/M ³)	40			40			40			40		
Background Density	1			1			1			2		
Other	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Pollen	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND	40	n/a	1
Fibers	ND	n/a	ND	80	n/a	2	40	n/a	1	120	n/a	3
Mycelial Fragments	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND
Fungal Identification	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Alternaria sp.	ND			ND			ND			ND		
Ascospores	ND			ND			ND			ND		
Aspergillus/Penicillium	ND			40	20	1	ND			80	25	2
Basidiospores	ND			40	20	1	ND			40	13	1
Chaetomium sp.	ND			ND			ND			ND		
Cladosporium sp.	80	100	2	80	40	2	ND			120	38	3
Curvularia sp.	ND			ND			ND			ND		
Epicoccum sp.	ND			ND			ND			ND		
Myxomycetes/Periconia/Smuts	ND			40	20	1	ND			80	25	2
Nigrospora sp.	ND			ND			ND			ND		
Pestalotia sp.	ND			ND			ND			ND		
Pithomyces sp.	ND			ND			ND			ND		
Total Fungal Spores	80	100	2	200	100	5	ND	ND	ND	320	100	8

ND = None Detected

**AmeriSci Bio-Chem**13635 GENITO ROAD
MIDLOTHIAN, VIRGINIA 23112
TEL: (804) 763-1200 • FAX: (804) 763-1800**Analyzed By:**
Justin B. LivermanAmeriSci Job #:
323111040
FINAL REPORT**Client: France Environmental, Inc.**Address: 7834 Forest Hill Ave
Suite 7
Richmond, VA 23225**Client Job#:** FEI-23MI505**Client Job Name:** CORPS: Thomas C Boushall Middle
School**Date Received:** 11/08/23**Date Reported:** 11/10/23**Air Cassette Analytical Report (SOP# 3.24.01)**

AmeriSci Number	323111040-69			323111040-70			323111040-71			323111040-72		
Sample Number	2944083			2944080			2944079			2944082		
Sample Name	2nd FI - 230			2nd FI - 280			2nd FI - Hallway A			2nd FI - Hallway B		
Analysis Date	11/9/2023			11/9/2023			11/9/2023			11/10/2023		
Volume (L)	25			25			25			25		
Limit of Detection (LOD) (Count/M ³)	40			40			40			40		
Background Density	1			1			1			2		
Fungal Identification	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Spegazzinia sp.	ND			ND			ND			ND		
Total Fungal Spores	80	100	2	200	100	5	ND	ND	ND	320	100	8

ND = None Detected

**AmeriSci Bio-Chem**13635 GENITO ROAD
MIDLOTHIAN, VIRGINIA 23112
TEL: (804) 763-1200 • FAX: (804) 763-1800**Analyzed By:**
Justin B. Liverman**AmeriSci Job #:**
323111040
FINAL REPORT**Client: France Environmental, Inc.**
Address: 7834 Forest Hill Ave
Suite 7
Richmond, VA 23225**Client Job#:** FEI-23MI505
Client Job Name: CORPS: Thomas C Boushall Middle School**Date Received:** 11/08/23
Date Reported: 11/10/23**Air Cassette Analytical Report (SOP# 3.24.01)**

AmeriSci Number	323111040-73			323111040-74			323111040-75			323111040-76		
Sample Number	2944065			2944070			2944064			2944063		
Sample Name	1st FI - 104			1st FI - 105			1st FI - Media Center			1st FI - WK Room		
Analysis Date	11/10/2023			11/10/2023			11/10/2023			11/10/2023		
Volume (L)	25			25			25			25		
Limit of Detection (LOD) (Count/M ³)	40			40			40			40		
Background Density	1			1			1			1		
Other	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Pollen	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND
Fibers	ND	n/a	ND	80	n/a	2	40	n/a	1	40	n/a	1
Mycelial Fragments	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND
Fungal Identification	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Alternaria sp.	ND			ND			ND			ND		
Ascospores	ND			ND			ND			ND		
Aspergillus/Penicillium	ND			40	50	1	ND			ND		
Basidiospores	ND			ND			40	100	1	ND		
Chaetomium sp.	ND			ND			ND			ND		
Cladosporium sp.	ND			40	50	1	ND			40	100	1
Curvularia sp.	ND			ND			ND			ND		
Epicoccum sp.	ND			ND			ND			ND		
Myxomycetes/Periconia/Smuts	40	100	1	ND			ND			ND		
Nigrospora sp.	ND			ND			ND			ND		
Pestalotia sp.	ND			ND			ND			ND		
Pithomyces sp.	ND			ND			ND			ND		
Total Fungal Spores	40	100	1	80	100	2	40	100	1	40	100	1

ND = None Detected

**AmeriSci Bio-Chem**13635 GENITO ROAD
MIDLOTHIAN, VIRGINIA 23112
TEL: (804) 763-1200 • FAX: (804) 763-1800**Analyzed By:**
Justin B. LivermanAmeriSci Job #:
323111040
FINAL REPORT**Client: France Environmental, Inc.**Address: 7834 Forest Hill Ave
Suite 7
Richmond, VA 23225**Client Job#:** FEI-23MI505**Client Job Name:** CORPS: Thomas C Boushall Middle
School**Date Received:** 11/08/23**Date Reported:** 11/10/23**Air Cassette Analytical Report (SOP# 3.24.01)**

AmeriSci Number	323111040-73			323111040-74			323111040-75			323111040-76		
Sample Number	2944065			2944070			2944064			2944063		
Sample Name	1st FI - 104			1st FI - 105			1st FI - Media Center			1st FI - WK Room		
Analysis Date	11/10/2023			11/10/2023			11/10/2023			11/10/2023		
Volume (L)	25			25			25			25		
Limit of Detection (LOD) (Count/M ³)	40			40			40			40		
Background Density	1			1			1			1		
Fungal Identification	Count/M ³	%	Raw Count	Count/M ³	%	Raw Count	Count/M ³	%	Raw Count	Count/M ³	%	Raw Count
Spegazzinia sp.	ND			ND			ND			ND		
Total Fungal Spores	40	100	1	80	100	2	40	100	1	40	100	1

ND = None Detected



Client: France Environmental, Inc.
Address: 7834 Forest Hill Ave
Suite 7
Richmond, VA 23225

Client Job#: FEI-23MI505
Client Job Name: CORPS: Thomas C Boushall Middle School

Date Received: 11/08/23
Date Reported: 11/10/23

Air Cassette Analytical Report (SOP# 3.24.01)

AmeriSci Number	323111040-77			323111040-78			323111040-79			323111040-80		
Sample Number	2944062			2944068			2944000			2943993		
Sample Name	1st FI - AV Room #3			1st FI - AV Room #2			2nd FI - 288			2nd FI - 287		
Analysis Date	11/10/2023			11/10/2023			11/10/2023			11/10/2023		
Volume (L)	25			25			25			25		
Limit of Detection (LOD) (Count/M ³)	40			40			40			40		
Background Density	1			1			2			2		
Other	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Pollen	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND
Fibers	80	n/a	2	80	n/a	2	120	n/a	3	80	n/a	2
Mycelial Fragments	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND
Fungal Identification	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Alternaria sp.	ND			ND			ND			ND		
Ascospores	ND			ND			40	10	1	ND		
Aspergillus/Penicillium	40	50	1	ND			80	20	2	40	33	1
Basidiospores	ND			ND			40	10	1	ND		
Chaetomium sp.	ND			ND			ND			ND		
Cladosporium sp.	40	50	1	80	67	2	200	50	5	40	33	1
Curvularia sp.	ND			ND			ND			ND		
Epicoccum sp.	ND			ND			ND			ND		
Myxomycetes/Periconia/Smuts	ND			ND			40	10	1	40	33	1
Nigrospora sp.	ND			ND			ND			ND		
Pestalotia sp.	ND			ND			ND			ND		
Pithomyces sp.	ND			40	33	1	ND			ND		
Total Fungal Spores	80	100	2	120	100	3	400	100	10	120	100	3

ND = None Detected

**AmeriSci Bio-Chem**13635 GENITO ROAD
MIDLOTHIAN, VIRGINIA 23112
TEL: (804) 763-1200 • FAX: (804) 763-1800**Analyzed By:**
Justin B. LivermanAmeriSci Job #:
323111040
FINAL REPORT**Client: France Environmental, Inc.**Address: 7834 Forest Hill Ave
Suite 7
Richmond, VA 23225**Client Job#:** FEI-23MI505**Client Job Name:** CORPS: Thomas C Boushall Middle School**Date Received:** 11/08/23**Date Reported:** 11/10/23**Air Cassette Analytical Report (SOP# 3.24.01)**

AmeriSci Number	323111040-77			323111040-78			323111040-79			323111040-80		
Sample Number	2944062			2944068			2944000			2943993		
Sample Name	1st FI - AV Room #3			1st FI - AV Room #2			2nd FI - 288			2nd FI - 287		
Analysis Date	11/10/2023			11/10/2023			11/10/2023			11/10/2023		
Volume (L)	25			25			25			25		
Limit of Detection (LOD) (Count/M ³)	40			40			40			40		
Background Density	1			1			2			2		
Fungal Identification	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Spegazzinia sp.	ND			ND			ND			ND		
Total Fungal Spores	80	100	2	120	100	3	400	100	10	120	100	3

ND = None Detected



Client: France Environmental, Inc.
Address: 7834 Forest Hill Ave
Suite 7
Richmond, VA 23225

Client Job#: FEI-23MI505
Client Job Name: CORPS: Thomas C Boushall Middle School

Date Received: 11/08/23
Date Reported: 11/10/23

Air Cassette Analytical Report (SOP# 3.24.01)

AmeriSci Number	323111040-81			323111040-82			323111040-83			323111040-84		
Sample Number	2944012			2944008			2944007			2944005		
Sample Name	2nd FI - 149			2nd FI - 272			2nd FI - 262			2nd FI - 264		
Analysis Date	11/10/2023			11/10/2023			11/10/2023			11/10/2023		
Volume (L)	25			25			25			25		
Limit of Detection (LOD) (Count/M ³)	40			40			40			40		
Background Density	3			1			1			1		
Other	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Pollen	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND
Fibers	200	n/a	5	40	n/a	1	40	n/a	1	40	n/a	1
Mycelial Fragments	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND
Fungal Identification	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Alternaria sp.	ND			ND			ND			ND		
Ascospores	40	2	1	ND			ND			ND		
Aspergillus/Penicillium	80	4	2	40	50	1	ND			480	92	12
Basidiospores	120	6	3	ND			ND			ND		
Chaetomium sp.	ND			ND			ND			ND		
Cladosporium sp.	400	20	10	40	50	1	40	50	1	40	8	1
Curvularia sp.	80	4	2	ND			ND			ND		
Epicoccum sp.	ND			ND			ND			ND		
Myxomycetes/Periconia/Smuts	1280	63	32	ND			40	50	1	ND		
Nigrospora sp.	ND			ND			ND			ND		
Pestalotia sp.	ND			ND			ND			ND		
Pithomyces sp.	40	2	1	ND			ND			ND		
Total Fungal Spores	2040	100	51	80	100	2	80	100	2	520	100	13

ND = None Detected

**AmeriSci Bio-Chem**13635 GENITO ROAD
MIDLOTHIAN, VIRGINIA 23112
TEL: (804) 763-1200 • FAX: (804) 763-1800**Analyzed By:**
Justin B. LivermanAmeriSci Job #:
323111040
FINAL REPORT**Client: France Environmental, Inc.**
Address: 7834 Forest Hill Ave
Suite 7
Richmond, VA 23225**Client Job#:** FEI-23MI505
Client Job Name: CORPS: Thomas C Boushall Middle School**Date Received:** 11/08/23
Date Reported: 11/10/23**Air Cassette Analytical Report (SOP# 3.24.01)**

AmeriSci Number	323111040-81			323111040-82			323111040-83			323111040-84		
Sample Number	2944012			2944008			2944007			2944005		
Sample Name	2nd FI - 149			2nd FI - 272			2nd FI - 262			2nd FI - 264		
Analysis Date	11/10/2023			11/10/2023			11/10/2023			11/10/2023		
Volume (L)	25			25			25			25		
Limit of Detection (LOD) (Count/M ³)	40			40			40			40		
Background Density	3			1			1			1		
Fungal Identification	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Spegazzinia sp.	ND			ND			ND			ND		
Total Fungal Spores	2040	100	51	80	100	2	80	100	2	520	100	13

ND = None Detected



Client: France Environmental, Inc.
Address: 7834 Forest Hill Ave
Suite 7
Richmond, VA 23225

Client Job#: FEI-23MI505
Client Job Name: CORPS: Thomas C Boushall Middle School

Date Received: 11/08/23
Date Reported: 11/10/23

Air Cassette Analytical Report (SOP# 3.24.01)

AmeriSci Number	323111040-85			323111040-86			323111040-87			323111040-88		
Sample Number	2944004			2944002			2944003			2944018		
Sample Name	2nd FI - 263			2nd FI - 261			2nd FI - 243			2nd FI - 242		
Analysis Date	11/10/2023			11/10/2023			11/10/2023			11/10/2023		
Volume (L)	25			25			25			25		
Limit of Detection (LOD) (Count/M ³)	40			40			40			40		
Background Density	2			1			1			1		
Other	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Pollen	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND
Fibers	80	n/a	2	80	n/a	2	40	n/a	1	120	n/a	3
Mycelial Fragments	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND
Fungal Identification	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Alternaria sp.	ND			ND			ND			ND		
Ascospores	ND			ND			ND			ND		
Aspergillus/Penicillium	40	17	1	80	100	2	ND			ND		
Basidiospores	40	17	1	ND			ND			ND		
Chaetomium sp.	ND			ND			ND			ND		
Cladosporium sp.	40	17	1	ND			40	100	1	80	67	2
Curvularia sp.	40	17	1	ND			ND			ND		
Epicoccum sp.	ND			ND			ND			ND		
Myxomycetes/Periconia/Smuts	80	33	2	ND			ND			40	33	1
Nigrospora sp.	ND			ND			ND			ND		
Pestalotia sp.	ND			ND			ND			ND		
Pithomyces sp.	ND			ND			ND			ND		
Total Fungal Spores	240	100	6	80	100	2	40	100	1	120	100	3

ND = None Detected

**AmeriSci Bio-Chem**13635 GENITO ROAD
MIDLOTHIAN, VIRGINIA 23112
TEL: (804) 763-1200 • FAX: (804) 763-1800**Analyzed By:**
Justin B. LivermanAmeriSci Job #:
323111040
FINAL REPORT**Client: France Environmental, Inc.**Address: 7834 Forest Hill Ave
Suite 7
Richmond, VA 23225**Client Job#:** FEI-23MI505**Client Job Name:** CORPS: Thomas C Boushall Middle
School**Date Received:** 11/08/23**Date Reported:** 11/10/23**Air Cassette Analytical Report (SOP# 3.24.01)**

AmeriSci Number	323111040-85			323111040-86			323111040-87			323111040-88		
Sample Number	2944004			2944002			2944003			2944018		
Sample Name	2nd FI - 263			2nd FI - 261			2nd FI - 243			2nd FI - 242		
Analysis Date	11/10/2023			11/10/2023			11/10/2023			11/10/2023		
Volume (L)	25			25			25			25		
Limit of Detection (LOD) (Count/M ³)	40			40			40			40		
Background Density	2			1			1			1		
Fungal Identification	Count/M ³	%	Raw Count	Count/M ³	%	Raw Count	Count/M ³	%	Raw Count	Count/M ³	%	Raw Count
Spegazzinia sp.	ND			ND			ND			ND		
Total Fungal Spores	240	100	6	80	100	2	40	100	1	120	100	3

ND = None Detected



Client: France Environmental, Inc.
Address: 7834 Forest Hill Ave
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Client Job#: FEI-23MI505
Client Job Name: CORPS: Thomas C Boushall Middle School

Date Received: 11/08/23
Date Reported: 11/10/23

Air Cassette Analytical Report (SOP# 3.24.01)

AmeriSci Number	323111040-89			323111040-90			323111040-91			323111040-92		
Sample Number	2943999			2943996			2944006			2944020		
Sample Name	2nd FI - 239			2nd FI - 247			2nd FI - 281			2nd FI - 293		
Analysis Date	11/10/2023			11/10/2023			11/10/2023			11/10/2023		
Volume (L)	25			25			25			25		
Limit of Detection (LOD) (Count/M ³)	40			40			40			40		
Background Density	1			1			1			1		
Other	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Pollen	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND
Fibers	40	n/a	1	80	n/a	2	80	n/a	2	40	n/a	1
Mycelial Fragments	ND	n/a	ND	ND	n/a	ND	40	n/a	1	ND	n/a	ND
Fungal Identification	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Alternaria sp.	ND			ND			ND			ND		
Ascospores	ND			ND			ND			ND		
Aspergillus/Penicillium	40	100	1	80	67	2	40	25	1	40	33	1
Basidiospores	ND			ND			ND			ND		
Chaetomium sp.	ND			ND			ND			ND		
Cladosporium sp.	ND			40	33	1	80	50	2	80	67	2
Curvularia sp.	ND			ND			ND			ND		
Epicoccum sp.	ND			ND			ND			ND		
Myxomycetes/Periconia/Smuts	ND			ND			ND			ND		
Nigrospora sp.	ND			ND			ND			ND		
Pestalotia sp.	ND			ND			ND			ND		
Pithomyces sp.	ND			ND			40	25	1	ND		
Total Fungal Spores	40	100	1	120	100	3	160	100	4	120	100	3

ND = None Detected

**AmeriSci Bio-Chem**13635 GENITO ROAD
MIDLOTHIAN, VIRGINIA 23112
TEL: (804) 763-1200 • FAX: (804) 763-1800**Analyzed By:**
Justin B. LivermanAmeriSci Job #:
323111040
FINAL REPORT**Client: France Environmental, Inc.**Address: 7834 Forest Hill Ave
Suite 7
Richmond, VA 23225**Client Job#:** FEI-23MI505**Client Job Name:** CORPS: Thomas C Boushall Middle School**Date Received:** 11/08/23**Date Reported:** 11/10/23**Air Cassette Analytical Report (SOP# 3.24.01)**

AmeriSci Number	323111040-89			323111040-90			323111040-91			323111040-92		
Sample Number	2943999			2943996			2944006			2944020		
Sample Name	2nd FI - 239			2nd FI - 247			2nd FI - 281			2nd FI - 293		
Analysis Date	11/10/2023			11/10/2023			11/10/2023			11/10/2023		
Volume (L)	25			25			25			25		
Limit of Detection (LOD) (Count/M ³)	40			40			40			40		
Background Density	1			1			1			1		
Fungal Identification	Count/M ³	%	Raw Count	Count/M ³	%	Raw Count	Count/M ³	%	Raw Count	Count/M ³	%	Raw Count
Spegazzinia sp.	ND			ND			ND			ND		
Total Fungal Spores	40	100	1	120	100	3	160	100	4	120	100	3

ND = None Detected



Client: France Environmental, Inc.
Address: 7834 Forest Hill Ave
Suite 7
Richmond, VA 23225

Client Job#: FEI-23MI505
Client Job Name: CORPS: Thomas C Boushall Middle School

Date Received: 11/08/23
Date Reported: 11/10/23

Air Cassette Analytical Report (SOP# 3.24.01)

AmeriSci Number	323111040-93			323111040-94			323111040-95			323111040-96		
Sample Number	2944019			2944016			2944013			2944023		
Sample Name	2nd FI - 282			2nd FI - 233			2nd FI - 212			2nd FI - 208		
Analysis Date	11/10/2023			11/10/2023			11/10/2023			11/10/2023		
Volume (L)	25			25			25			25		
Limit of Detection (LOD) (Count/M ³)	40			40			40			40		
Background Density	1			1			1			2		
Other	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Pollen	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND
Fibers	80	n/a	2	40	n/a	1	40	n/a	1	160	n/a	4
Mycelial Fragments	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND	40	n/a	1
Fungal Identification	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Alternaria sp.	ND			ND			ND			ND		
Ascospores	ND			ND			ND			ND		
Aspergillus/Penicillium	ND			80	50	2	ND			80	20	2
Basidiospores	ND			ND			ND			ND		
Chaetomium sp.	ND			ND			ND			ND		
Cladosporium sp.	40	100	1	40	25	1	40	100	1	80	20	2
Curvularia sp.	ND			ND			ND			ND		
Epicoccum sp.	ND			ND			ND			40	10	1
Myxomycetes/Periconia/Smuts	ND			40	25	1	ND			200	50	5
Nigrospora sp.	ND			ND			ND			ND		
Pestalotia sp.	ND			ND			ND			ND		
Pithomyces sp.	ND			ND			ND			ND		
Total Fungal Spores	40	100	1	160	100	4	40	100	1	400	100	10

ND = None Detected

**AmeriSci Bio-Chem**13635 GENITO ROAD
MIDLOTHIAN, VIRGINIA 23112
TEL: (804) 763-1200 • FAX: (804) 763-1800**Analyzed By:**
Justin B. LivermanAmeriSci Job #:
323111040
FINAL REPORT**Client: France Environmental, Inc.**
Address: 7834 Forest Hill Ave
Suite 7
Richmond, VA 23225**Client Job#:** FEI-23MI505
Client Job Name: CORPS: Thomas C Boushall Middle School**Date Received:** 11/08/23
Date Reported: 11/10/23**Air Cassette Analytical Report (SOP# 3.24.01)**

AmeriSci Number	323111040-93			323111040-94			323111040-95			323111040-96		
Sample Number	2944019			2944016			2944013			2944023		
Sample Name	2nd FI - 282			2nd FI - 233			2nd FI - 212			2nd FI - 208		
Analysis Date	11/10/2023			11/10/2023			11/10/2023			11/10/2023		
Volume (L)	25			25			25			25		
Limit of Detection (LOD) (Count/M ³)	40			40			40			40		
Background Density	1			1			1			2		
Fungal Identification	Count/M ³	%	Raw Count	Count/M ³	%	Raw Count	Count/M ³	%	Raw Count	Count/M ³	%	Raw Count
Spegazzinia sp.	ND			ND			ND			ND		
Total Fungal Spores	40	100	1	160	100	4	40	100	1	400	100	10

ND = None Detected



Client: France Environmental, Inc.
Address: 7834 Forest Hill Ave
Suite 7
Richmond, VA 23225

Client Job#: FEI-23MI505
Client Job Name: CORPS: Thomas C Boushall Middle School

Date Received: 11/08/23
Date Reported: 11/10/23

Air Cassette Analytical Report (SOP# 3.24.01)

AmeriSci Number	323111040-97			323111040-98			323111040-99			323111040-100		
Sample Number	2944014			2944015			2944017			2943995		
Sample Name	2nd FI - 207			2nd FI - 298			2nd FI - 297			2nd FI - 295		
Analysis Date	11/10/2023			11/10/2023			11/10/2023			11/10/2023		
Volume (L)	25			25			25			25		
Limit of Detection (LOD) (Count/M ³)	40			40			40			40		
Background Density	1			1			1			2		
Other	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Pollen	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND
Fibers	ND	n/a	ND	ND	n/a	ND	40	n/a	1	200	n/a	5
Mycelial Fragments	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND	40	n/a	1
Fungal Identification	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Alternaria sp.	ND			ND			ND			ND		
Ascospores	ND			ND			ND			ND		
Aspergillus/Penicillium	ND			ND			ND			40	14	1
Basidiospores	ND			ND			ND			40	14	1
Chaetomium sp.	ND			ND			ND			ND		
Cladosporium sp.	ND			40	50	1	80	50	2	120	43	3
Curvularia sp.	ND			ND			ND			ND		
Epicoccum sp.	ND			ND			ND			ND		
Myxomycetes/Periconia/Smuts	ND			40	50	1	80	50	2	40	14	1
Nigrospora sp.	ND			ND			ND			ND		
Pestalotia sp.	ND			ND			ND			ND		
Pithomyces sp.	ND			ND			ND			ND		
Total Fungal Spores	ND	ND	ND	80	100	2	160	100	4	280	100	7

ND = None Detected

**AmeriSci Bio-Chem**13635 GENITO ROAD
MIDLOTHIAN, VIRGINIA 23112
TEL: (804) 763-1200 • FAX: (804) 763-1800**Analyzed By:**
Justin B. LivermanAmeriSci Job #:
323111040
FINAL REPORT**Client: France Environmental, Inc.****Address: 7834 Forest Hill Ave**
Suite 7
Richmond, VA 23225**Client Job#:** FEI-23MI505**Client Job Name:** CORPS: Thomas C Boushall Middle
School**Date Received:** 11/08/23**Date Reported:** 11/10/23**Air Cassette Analytical Report (SOP# 3.24.01)**

AmeriSci Number	323111040-97			323111040-98			323111040-99			323111040-100		
Sample Number	2944014			2944015			2944017			2943995		
Sample Name	2nd FI - 207			2nd FI - 298			2nd FI - 297			2nd FI - 295		
Analysis Date	11/10/2023			11/10/2023			11/10/2023			11/10/2023		
Volume (L)	25			25			25			25		
Limit of Detection (LOD) (Count/M ³)	40			40			40			40		
Background Density	1			1			1			2		
Fungal Identification	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Spegazzinia sp.	ND			ND			ND			40	14	1
Total Fungal Spores	ND	ND	ND	80	100	2	160	100	4	280	100	7

ND = None Detected



Client: France Environmental, Inc.

**Address: 7834 Forest Hill Ave
Suite 7
Richmond, VA 23225**

Client Job#: FEI-23MI505
Client Job Name: CORPS: Thomas C Boushall Middle School

Date Received: 11/08/23
Date Reported: 11/10/23

Air Cassette Analytical Report (SOP# 3.24.01)

AmeriSci Number	323111040-101			323111040-102			323111040-103			323111040-104		
Sample Number	2943992			2944009			2944021			2944027		
Sample Name	2nd FI - Rm Beside 295			2nd FI - 292			2nd FI - 140			2nd FI - 236		
Analysis Date	11/10/2023			11/10/2023			11/10/2023			11/10/2023		
Volume (L)	25			25			25			25		
Limit of Detection (LOD) (Count/M ³)	40			40			40			40		
Background Density	1			2			2			1		
Other	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Pollen	ND	n/a	ND	ND	n/a	ND	40	n/a	1	ND	n/a	ND
Fibers	80	n/a	2	80	n/a	2	120	n/a	3	80	n/a	2
Mycelial Fragments	ND	n/a	ND	ND	n/a	ND	40	n/a	1	ND	n/a	ND
Fungal Identification	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Alternaria sp.	ND			ND			ND			ND		
Ascospores	ND			ND			ND			ND		
Aspergillus/Penicillium	40	33	1	80	17	2	160	19	4	40	50	1
Basidiospores	ND			40	8	1	40	5	1	ND		
Chaetomium sp.	ND			ND			ND			ND		
Cladosporium sp.	40	33	1	240	50	6	400	48	10	40	50	1
Curvularia sp.	ND			ND			ND			ND		
Epicoccum sp.	ND			ND			ND			ND		
Myxomycetes/Periconia/Smuts	40	33	1	120	25	3	240	29	6	ND		
Nigrospora sp.	ND			ND			ND			ND		
Pestalotia sp.	ND			ND			ND			ND		
Pithomyces sp.	ND			ND			ND			ND		
Total Fungal Spores	120	100	3	480	100	12	840	100	21	80	100	2

ND = None Detected

**AmeriSci Bio-Chem**13635 GENITO ROAD
MIDLOTHIAN, VIRGINIA 23112
TEL: (804) 763-1200 • FAX: (804) 763-1800**Analyzed By:**
Justin B. LivermanAmeriSci Job #:
323111040
FINAL REPORT**Client: France Environmental, Inc.**Address: 7834 Forest Hill Ave
Suite 7
Richmond, VA 23225**Client Job#:** FEI-23MI505**Client Job Name:** CORPS: Thomas C Boushall Middle
School**Date Received:** 11/08/23**Date Reported:** 11/10/23**Air Cassette Analytical Report (SOP# 3.24.01)**

AmeriSci Number	323111040-101			323111040-102			323111040-103			323111040-104		
Sample Number	2943992			2944009			2944021			2944027		
Sample Name	2nd FI - Rm Beside 295			2nd FI - 292			2nd FI - 140			2nd FI - 236		
Analysis Date	11/10/2023			11/10/2023			11/10/2023			11/10/2023		
Volume (L)	25			25			25			25		
Limit of Detection (LOD) (Count/M ³)	40			40			40			40		
Background Density	1			2			2			1		
Fungal Identification	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Spegazzinia sp.	ND			ND			ND			ND		
Total Fungal Spores	120	100	3	480	100	12	840	100	21	80	100	2

ND = None Detected



Client: France Environmental, Inc.
Address: 7834 Forest Hill Ave
Suite 7
Richmond, VA 23225

Client Job#: FEI-23MI505
Client Job Name: CORPS: Thomas C Boushall Middle School

Date Received: 11/08/23
Date Reported: 11/10/23

Air Cassette Analytical Report (SOP# 3.24.01)

AmeriSci Number	323111040-105			323111040-106			323111040-107			323111040-108		
Sample Number	2944024			2944022			2944028			2944032		
Sample Name	2nd FI - 237			2nd FI - 249			1st FI - Gym			1st FI - Girls Locker Rm		
Analysis Date	11/10/2023			11/10/2023			11/10/2023			11/10/2023		
Volume (L)	25			25			25			25		
Limit of Detection (LOD) (Count/M ³)	40			40			40			40		
Background Density	1			1			1			2		
Other	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Pollen	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND
Fibers	80	n/a	2	40	n/a	1	ND	n/a	ND	80	n/a	2
Mycelial Fragments	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND	40	n/a	1
Fungal Identification	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Alternaria sp.	ND			ND			ND			ND		
Ascospores	ND			ND			ND			ND		
Aspergillus/Penicillium	40	50	1	ND			ND			680	61	17
Basidiospores	ND			ND			ND			40	4	1
Chaetomium sp.	ND			ND			ND			ND		
Cladosporium sp.	40	50	1	ND			40	100	1	320	29	8
Curvularia sp.	ND			ND			ND			ND		
Epicoccum sp.	ND			ND			ND			ND		
Myxomycetes/Periconia/Smuts	ND			ND			ND			80	7	2
Nigrospora sp.	ND			ND			ND			ND		
Pestalotia sp.	ND			ND			ND			ND		
Pithomyces sp.	ND			ND			ND			ND		
Total Fungal Spores	80	100	2	ND	ND	ND	40	100	1	1120	100	28

ND = None Detected

**AmeriSci Bio-Chem**13635 GENITO ROAD
MIDLOTHIAN, VIRGINIA 23112
TEL: (804) 763-1200 • FAX: (804) 763-1800**Analyzed By:**
Justin B. LivermanAmeriSci Job #:
323111040
FINAL REPORT**Client: France Environmental, Inc.**Address: 7834 Forest Hill Ave
Suite 7
Richmond, VA 23225**Client Job#:** FEI-23MI505**Client Job Name:** CORPS: Thomas C Boushall Middle School**Date Received:** 11/08/23**Date Reported:** 11/10/23**Air Cassette Analytical Report (SOP# 3.24.01)**

AmeriSci Number	323111040-105			323111040-106			323111040-107			323111040-108		
Sample Number	2944024			2944022			2944028			2944032		
Sample Name	2nd FI - 237			2nd FI - 249			1st FI - Gym			1st FI - Girls Locker Rm		
Analysis Date	11/10/2023			11/10/2023			11/10/2023			11/10/2023		
Volume (L)	25			25			25			25		
Limit of Detection (LOD) (Count/M ³)	40			40			40			40		
Background Density	1			1			1			2		
Fungal Identification	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Spegazzinia sp.	ND			ND			ND			ND		
Total Fungal Spores	80	100	2	ND	ND	ND	40	100	1	1120	100	28

ND = None Detected



Client: France Environmental, Inc.
Address: 7834 Forest Hill Ave
Suite 7
Richmond, VA 23225

Client Job#: FEI-23MI505
Client Job Name: CORPS: Thomas C Boushall Middle School

Date Received: 11/08/23
Date Reported: 11/10/23

Air Cassette Analytical Report (SOP# 3.24.01)

AmeriSci Number	323111040-109			323111040-110			323111040-111			323111040-112		
Sample Number	2943994			2943997			2944010			2944026		
Sample Name	1st FI - Coach Office			1st FI - Boys Locker Rm			1st FI - Coach Office			1st FI - Office 144 In Gym		
Analysis Date	11/10/2023			11/10/2023			11/10/2023			11/10/2023		
Volume (L)	25			25			25			25		
Limit of Detection (LOD) (Count/M ³)	40			40			40			40		
Background Density	1			1			2			2		
Other	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Pollen	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND	ND	n/a	ND
Fibers	80	n/a	2	40	n/a	1	120	n/a	3	80	n/a	2
Mycelial Fragments	ND	n/a	ND	ND	n/a	ND	40	n/a	1	ND	n/a	ND
Fungal Identification	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Alternaria sp.	ND			ND			ND			ND		
Ascospores	ND			ND			ND			ND		
Aspergillus/Penicillium	ND			ND			40	3	1	40	6	1
Basidiospores	ND			ND			40	3	1	40	6	1
Chaetomium sp.	ND			ND			40	3	1	ND		
Cladosporium sp.	80	50	2	ND			520	39	13	160	24	4
Curvularia sp.	ND			ND			ND			ND		
Epicoccum sp.	ND			ND			ND			ND		
Myxomycetes/Periconia/Smuts	80	50	2	ND			680	52	17	440	65	11
Nigrospora sp.	ND			ND			ND			ND		
Pestalotia sp.	ND			ND			ND			ND		
Pithomyces sp.	ND			ND			ND			ND		
Total Fungal Spores	160	100	4	ND	ND	ND	1320	100	33	680	100	17

ND = None Detected

**AmeriSci Bio-Chem**13635 GENITO ROAD
MIDLOTHIAN, VIRGINIA 23112
TEL: (804) 763-1200 • FAX: (804) 763-1800**Analyzed By:**
Justin B. LivermanAmeriSci Job #:
323111040
FINAL REPORT**Client: France Environmental, Inc.**Address: 7834 Forest Hill Ave
Suite 7
Richmond, VA 23225**Client Job#:** FEI-23MI505**Client Job Name:** CORPS: Thomas C Boushall Middle School**Date Received:** 11/08/23**Date Reported:** 11/10/23**Air Cassette Analytical Report (SOP# 3.24.01)**

AmeriSci Number	323111040-109			323111040-110			323111040-111			323111040-112		
Sample Number	2943994			2943997			2944010			2944026		
Sample Name	1st FI - Coach Office			1st FI - Boys Locker Rm			1st FI - Coach Office			1st FI - Office 144 In Gym		
Analysis Date	11/10/2023			11/10/2023			11/10/2023			11/10/2023		
Volume (L)	25			25			25			25		
Limit of Detection (LOD) (Count/M ³)	40			40			40			40		
Background Density	1			1			2			2		
Fungal Identification	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count
Spegazzinia sp.	ND			ND			ND			ND		
Total Fungal Spores	160	100	4	ND	ND	ND	1320	100	33	680	100	17

ND = None Detected

**AmeriSci Bio-Chem**13635 GENITO ROAD
MIDLOTHIAN, VIRGINIA 23112
TEL: (804) 763-1200 • FAX: (804) 763-1800**Analyzed By:**
Justin B. LivermanAmeriSci Job #:
323111040
FINAL REPORT**Client: France Environmental, Inc.**Address: 7834 Forest Hill Ave
Suite 7
Richmond, VA 23225**Client Job#:** FEI-23MI505**Client Job Name:** CORPS: Thomas C Boushall Middle School**Date Received:** 11/08/23**Date Reported:** 11/10/23**Air Cassette Analytical Report (SOP# 3.24.01)**

AmeriSci Number		323111040-113			323111040-114								
Sample Number	2944033			2922629									
Sample Name	1st FI - Dance Class			1st FI - R Room									
Analysis Date	11/10/2023			11/10/2023									
Volume (L)	25			25									
Limit of Detection (LOD) (Count/M ³)	40			40									
Background Density	1			1									
Other	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	
Pollen	ND	n/a	ND	ND	n/a	ND							
Fibers	ND	n/a	ND	ND	n/a	ND							
Mycelial Fragments	ND	n/a	ND	ND	n/a	ND							
Fungal Identification	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	Count/M³	%	Raw Count	
Alternaria sp.	ND			ND									
Ascospores	ND			ND									
Aspergillus/Penicillium	ND			ND									
Basidiospores	ND			ND									
Chaetomium sp.	ND			ND									
Cladosporium sp.	ND			40	100	1							
Curvularia sp.	ND			ND									
Epicoccum sp.	ND			ND									
Myxomycetes/Periconia/Smuts	ND			ND									
Nigrospora sp.	ND			ND									
Pestalotia sp.	ND			ND									
Pithomyces sp.	ND			ND									
Total Fungal Spores	ND	ND	ND	40	100	1							

ND = None Detected

**AmeriSci Bio-Chem**13635 GENITO ROAD
MIDLOTHIAN, VIRGINIA 23112
TEL: (804) 763-1200 • FAX: (804) 763-1800**Analyzed By:**
Justin B. LivermanAmeriSci Job #:
323111040
FINAL REPORT**Client: France Environmental, Inc.****Address: 7834 Forest Hill Ave
Suite 7
Richmond, VA 23225****Client Job#: FEI-23MI505**
**Client Job Name: CORPS: Thomas C Boushall Middle
School****Date Received: 11/08/23**
Date Reported: 11/10/23**Air Cassette Analytical Report (SOP# 3.24.01)**

AmeriSci Number		323111040-113			323111040-114								
Sample Number		2944033			2922629								
Sample Name		1st FI - Dance Class			1st FI - R Room								
Analysis Date		11/10/2023			11/10/2023								
Volume (L)		25			25								
Limit of Detection (LOD) (Count/M ³)		40			40								
Background Density		1			1								
Fungal Identification	Count/M ³	%	Raw Count	Count/M ³	%	Raw Count	Count/M ³	%	Raw Count	Count/M ³	%	Raw Count	
Spegazzinia sp.	ND			ND									
Total Fungal Spores	ND	ND	ND	40	100	1							

ND = None Detected

Results relate only to the items tested and are reported mathematically to significant figures.

Name/Title: Justin B. Liverman / AnalystName/Title: Justin B. Liverman / Analyst

Signature:

Reviewed By:

Date: 11/10/23Date: 11/10/23



13635 Genito Road Midlothian, VA 23112
 (804) 763-1200 Phone / (804) 763-1800 Fax
 AIHA ACCREDITED 175122

323-11-1040

Requested Services (X Boxes)

Contact Information						Non-Viable		Culturable						
Company: France Environmental, Inc.					PO#:	Spore Trap	Tape Bulk	Andersen, Swab, Bulk						
Address 7834 Forest Hill Avenue, Suite 7, Richmond VA. 23225								Fungal Spore Count Only - No ID	Fungal Spore Count and Genus ID, pollen, fiber & mycelial fragment count	Fungal Genus Identification - Qualitative	Environmental Fungal Genus ID & Enumeration	Environmental Bacterial Enumeration & Gram Stain ID	Fungal Speciation - Scheduled in Advance Only	Bacterial speciation - Scheduled in Advance Only
Results To: Joseph France		Fax Results? Y/N		Fax: (804) 918-7098										
Phone: (804) 716-0560			Email Y/N: JFrance@FranceEnv.com											
Project Information				Turnaround Time Codes										
Project #: FEI-23MI505				STD - Standard: 2 Days (Non-viable) 24 - 24: 24 Hours (Non-viable) R - Rush: 6 hours (Non-viable) C - Culture: 7-14 Days W - Weekends: Scheduled by noon ET Friday Only ***Samples received after 5pm, on weekends or in drop-box, will be considered received the next business day.										
Project Name: CORPS: Thomas C. Boushall Middle School														
Invoice To: Joseph France														
Sampling Date(s): 11-7-23														
Sample ID	Description	Sample Type (Below)	TAT (Above)	Total Volume/Area (as applicable)	Notes: (Time, Temp, Etc.)									
2922640	Outside Bldg. - Pre-Back	ST	STD	25 LTRS		X								
2922660	1 st Fl. - D Room	ST	STD	25 LTRS		X								
2922620	1 st Fl. - S Room	ST	STD	25 LTRS		X								
2922624	1 st Fl. - AP #1	ST	STD	25 LTRS		X								
2922611	1 st Fl. - Receptionist	ST	STD	25 LTRS		X								
2922616	1 st Fl. - N Room	ST	STD	25 LTRS		X								
2922605	1 st Fl. - EX Room	ST	STD	25 LTRS		X								
2922601	1 st Fl. - Space Room #2	ST	STD	25 LTRS		X								
2922732	1 st Fl. - ORM	ST	STD	25 LTRS		X								
2922621	1 st Fl. - W Room	ST	STD	25 LTRS		X								
2922644	1 st Fl. - AP #2	ST	STD	25 LTRS		X								
2922633	1 st Fl. - BS Room	ST	STD	25 LTRS		X								
Sample Type Codes		Relinquished By			Date & Time	Received By		Date & Time						
AP - Andersen Plate SW - Swab B - Bulk		<i>Andrew Beard</i>			11-8-23	Received		NOV 09 2023		<i>AW</i>				
T - Tape ST - Spore Trap: Zefon, Micro5, Cyclex-d, etc.														



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 (804) 763-1200 Phone / (804) 763-1800 Fax
 AIHA ACCREDITED 175122

323-11-1040

Requested Services (X Boxes)	
Non-Viable	Culturable
Spore Trap	Tape Bulk
Andersen, Swab, Bulk	
Fungal Spore Count Only - No ID	Fungal Spore Count and Genus ID, pollen, fiber & mycelial fragment count
Fungal Genus Identification - Qualitative	Environmental Fungal Genus ID & Enumeration
Environmental Bacterial Enumeration & Gram Stain ID	Fungal Speciation - Scheduled in Advance Only
Bacterial speciation - Scheduled in Advance Only	

Contact Information

Company: France Environmental, Inc.	PO#:
Address 7834 Forest Hill Avenue, Suite 7, Richmond VA. 23225	
Results To: Joseph France	Fax Results? Y/N
Phone: (804) 716-0560	Fax: (804) 918-7098
Email Y/N: JFrance@FranceEnv.com	

Project Information

Turnaround Time Codes

Project #: FEI-23MI505	STD - Standard: 2 Days (Non-viable) 24 - 24: 24 Hours (Non-viable) R - Rush: 6 hours (Non-viable) C - Culture: 7-14 Days W - Weekends: Scheduled by noon ET Friday Only ***Samples received after 5pm, on weekends or in drop-box, will be considered received the next business day.
Project Name: CORPS: Thomas C. Boushall Middle School	
Invoice To: Joseph France	
Sampling Date(s): 11-7-23	

Sample ID	Description	Sample Type (Below)	TAT (Above)	Total Volume/Area (as applicable)	Notes: (Time, Temp, Etc.)
2922654	1 st Fl. - IP Room	ST	STD	25 LTRS	
2922652	1 st Fl. - Conf. Room	ST	STD	25 LTRS	
2922648	1 st Fl. - G Room	ST	STD	25 LTRS	
2922623	1 st Fl. - C Room	ST	STD	25 LTRS	
2922628	1 st Fl. - GS Room	ST	STD	25 LTRS	
2922641	1 st Fl. - ORM	ST	STD	25 LTRS	
2922736	1 st Fl. - CHC Room	ST	STD	25 LTRS	
2922659	1 st Fl. - L-150	ST	STD	25 LTRS	
2922608	1 st Fl. - L-150 File Room	ST	STD	25 LTRS	
2922639	1 st Fl. - L-150 Strge Rm	ST	STD	25 LTRS	
2922619	1 st Fl. - TL	ST	STD	25 LTRS	
2922715	1 st Fl. - L-111	ST	STD	25 LTRS	

Sample Type Codes

Relinquished By

Date & Time

Received By

Date & Time

AP - Andersen Plate	T - Tape
SW - Swab	ST - Spore Trap: Zefon, Micro5, Cyclex-d, etc.
B - Bulk	

<i>Andrew Baird</i>	11-8-23	Received	NOV 09 2023
			<i>AW2</i>



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323-11-1040

Requested Services (X Boxes)

Non-Viable		Culturable			
Spore Trap	Tape Bulk	Andersen, Swab, Bulk			

Contact Information

Company: France Environmental, Inc.			PO#:
Address 7834 Forest Hill Avenue, Suite 7, Richmond VA. 23225			
Results To: Joseph France	Fax Results? Y/N	Fax: (804) 918-7098	
Phone: (804) 716-0560	Email Y/N: JFrance@FranceEnv.com		

Project Information

Turnaround Time Codes

Project #: FEI-23MI505	STD – Standard: 2 Days (Non-viable) 24 – 24: 24 Hours (Non-viable) R – Rush: 6 hours (Non-viable) C – Culture: 7-14 Days W – Weekends: Scheduled by noon ET Friday Only ***Samples received after 5pm, on weekends or in drop-box, will be considered received the next business day.
Project Name: CORPS: Thomas C. Boushall Middle School	
Invoice To: Joseph France	
Sampling Date(s): 11-7-23	

Fungal Spore Count Only - No ID
 Fungal Spore Count and Genus ID, pollen, fiber & mycelial fragment count
 Fungal Genus Identification - Qualitative
 Environmental Fungal Genus ID & Enumeration
 Environmental Bacterial Enumeration & Gram Stain ID
 Fungal Speciation - Scheduled in Advance Only
 Bacterial speciation - Scheduled in Advance Only

Sample ID	Description	Sample Type (Below)	TAT (Above)	Total Volume/Area (as applicable)	Notes: (Time, Temp, Etc.)
2922612	1 st Fl. – Prep Room	ST	STD	25 LTRS	
2922670	1 st Fl. – L-106	ST	STD	25 LTRS	
2922666	1 st Fl. – L-155	ST	STD	25 LTRS	
2922646	1 st Fl. – L-156	ST	STD	25 LTRS	
2922667	1 st Fl. – Hall Next to L156	ST	STD	25 LTRS	
2922638	1 st Fl. – L-150	ST	STD	25 LTRS	
2922733	Outside Bldg.–Mid-Day-Front	ST	STD	25 LTRS	
2922767	1 st Fl. – L-192	ST	STD	25 LTRS	
2922720	1 st Fl. – L-187	ST	STD	25 LTRS	
2922656	1 st Fl. - 184	ST	STD	25 LTRS	
2922637	1 st Fl. - 185	ST	STD	25 LTRS	
2922773	1 st Fl. – L-158	ST	STD	25 LTRS	

Sample Type Codes

AP – Andersen Plate	T - Tape
SW - Swab	ST - Spore Trap: Zefon, Micro5, Cyclex-d, etc.
B - Bulk	

Relinquished By

Date & Time

Received By

Date & Time

Andrew Beard

11-8-23

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AW
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 (804) 763-1200 Phone / (804) 763-1800 Fax
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323-11-1040

Requested Services (X Boxes)			
Non-Viable		Culturable	
Spore Trap	Tape Bulk	Andersen, Swab, Bulk	

Contact Information			
Company: France Environmental, Inc.			PO#:
Address 7834 Forest Hill Avenue, Suite 7, Richmond VA. 23225			
Results To: Joseph France	Fax Results? Y/N	Fax: (804) 918-7098	
Phone: (804) 716-0560	Email Y/N: JFrance@FranceEnv.com		

Project Information	Turnaround Time Codes
Project #: FEI-23MI505	STD – Standard: 2 Days (Non-viable) 24 – 24: 24 Hours (Non-viable) R – Rush: 6 hours (Non-viable) C – Culture: 7-14 Days W – Weekends: Scheduled by noon ET Friday Only ***Samples received after 5pm, on weekends or in drop-box, will be considered received the next business day.
Project Name: CORPS: Thomas C. Boushall Middle School	
Invoice To: Joseph France	
Sampling Date(s): 11-7-23	

Sample ID	Description	Sample Type (Below)	TAT (Above)	Total Volume/Area (as applicable)	Notes: (Time, Temp, Etc.)
2922729	1 st Fl. – L-175	ST	STD	25 LTRS	
2922764	1 st Fl. – L-166	ST	STD	25 LTRS	
2922744	1 st Fl. – L-166 - Office	ST	STD	25 LTRS	
2922636	1 st Fl. – L-166 – Classrm #1	ST	STD	25 LTRS	
2922718	1 st Fl. - L-166 – Classrm #2	ST	STD	25 LTRS	
2922676	1 st Fl. – Maintenance - Office	ST	STD	25 LTRS	
2922713	1 st Fl. - Maintenance – Break Rm	ST	STD	25 LTRS	
2922664	1 st Fl. - Kitchen	ST	STD	25 LTRS	
2922643	1 st Fl. - Commons	ST	STD	25 LTRS	
2922750	1 st Fl. – Kitchen Office	ST	STD	25 LTRS	
2922677	1 st Fl. – Security Office	ST	STD	25 LTRS	
2922761	1 st Fl. – Media Rm Conf Rm	ST	STD	25 LTRS	

Fungal Spore Count Only - No ID	Fungal Spore Count and Genus ID, pollen, fiber & mycelial fragment count	Fungal Genus Identification – Qualitative	Environmental Fungal Genus ID & Enumeration	Environmental Bacterial Enumeration & Gram Stain ID	Fungal Speciation – Scheduled in Advance Only	Bacterial speciation – Scheduled in Advance Only	
							<input type="checkbox"/>
							<input checked="" type="checkbox"/>
							<input checked="" type="checkbox"/>
							<input checked="" type="checkbox"/>
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							<input checked="" type="checkbox"/>
							<input checked="" type="checkbox"/>

Sample Type Codes	
AP – Andersen Plate	T - Tape
SW - Swab	ST - Spore Trap: Zefon, Micro5, Cyclex-d, etc.
B - Bulk	

Relinquished By	Date & Time	Received By	Date & Time
<i>Andrew Baird</i>	11-8-23		Received
			NOV 09 2023
			<i>AW</i> 4



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323-11-1040

Requested Services (X Boxes)			
Non-Viable		Culturable	
Spore Trap	Tape Bulk	Andersen, Swab, Bulk	

Contact Information			
Company: France Environmental, Inc.			PO#:
Address 7834 Forest Hill Avenue, Suite 7, Richmond VA. 23225			
Results To: Joseph France		Fax Results? Y/N	Fax: (804) 918-7098
Phone: (804) 716-0560		Email Y/N: JFrance@FranceEnv.com	

Project Information	Turnaround Time Codes
Project #: FEI-23MI505	STD – Standard: 2 Days (Non-viable) 24 – 24: 24 Hours (Non-viable) R – Rush: 6 hours (Non-viable) C – Culture: 7-14 Days W – Weekends: Scheduled by noon ET Friday Only ***Samples received after 5pm, on weekends or in drop-box, will be considered received the next business day.
Project Name: CORPS: Thomas C. Boushall Middle School	
Invoice To: Joseph France	
Sampling Date(s): 11-7-23	

Sample ID	Description	Sample Type (Below)	TAT (Above)	Total Volume/Area (as applicable)	Notes: (Time, Temp, Etc.)
2922651	1 st Fl. – AV Rm #1	ST	STD	25 LTRS	
2944066	Outside Bldg. – Post - Back	ST	STD	25 LTRS	
2944076	2nd Fl. - 290	ST	STD	25 LTRS	
2944071	2nd Fl. - 286	ST	STD	25 LTRS	
2944075	2nd Fl. - 138	ST	STD	25 LTRS	
2944085	2nd Fl. - 267	ST	STD	25 LTRS	
2944086	2nd Fl. - 142	ST	STD	25 LTRS	
2944093	2nd Fl. - 250	ST	STD	25 LTRS	
2944090	2nd Fl. - 141	ST	STD	25 LTRS	
2944092	2nd Fl. – 7 th Grade Counselor	ST	STD	25 LTRS	
2944089	2nd Fl. - 241	ST	STD	25 LTRS	
2944088	2nd Fl. – 235	ST	STD	25 LTRS	

Fungal Spore Count Only - No ID	Fungal Spore Count and Genus ID, pollen, fiber & mycelial fragment count	Fungal Genus Identification – Qualitative	Environmental Fungal Genus ID & Enumeration	Environmental Bacterial Enumeration & Gram Stain ID	Fungal Speciation – Scheduled in Advance Only	Bacterial speciation – Scheduled in Advance Only	
							<input checked="" type="checkbox"/>
							<input checked="" type="checkbox"/>
							<input checked="" type="checkbox"/>
							<input checked="" type="checkbox"/>
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							<input checked="" type="checkbox"/>
							<input checked="" type="checkbox"/>
							<input checked="" type="checkbox"/>
							<input checked="" type="checkbox"/>

Sample Type Codes	Relinquished By	Date & Time	Received By	Date & Time
AP – Andersen Plate SW – Swab B – Bulk T - Tape ST - Spore Trap: Zefon, Micro5, Cyclex-d, etc.	<i>Andrew Baird</i>	11-8-23	Received	NOV 09 2023

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323-11-1040

Requested Services (X Boxes)					
Non-Viable		Culturable			
Spore Trap	Tape Bulk	Andersen, Swab, Bulk			
Fungal Spore Count Only - No ID	Fungal Spore Count and Genus ID, pollen, fiber & mycelial fragment count	Fungal Genus Identification - Qualitative	Environmental Fungal Genus ID & Enumeration	Environmental Bacterial Enumeration & Gram Stain ID	Fungal Speciation - Scheduled in Advance Only
					Bacterial speciation - Scheduled in Advance Only

Contact Information			
Company: France Environmental, Inc.			PO#:
Address 7834 Forest Hill Avenue, Suite 7, Richmond VA. 23225			
Results To: Joseph France	Fax Results? Y/N	Fax: (804) 918-7098	
Phone: (804) 716-0560	Email Y/N: JFrance@FranceEnv.com		

Project Information	Turnaround Time Codes
Project #: FEI-23MI505	STD - Standard: 2 Days (Non-viable) 24 - 24: 24 Hours (Non-viable) R - Rush: 6 hours (Non-viable) C - Culture: 7-14 Days W - Weekends: Scheduled by noon ET Friday Only ***Samples received after 5pm, on weekends or in drop-box, will be considered received the next business day.
Project Name: CORPS: Thomas C. Boushall Middle School	
Invoice To: Joseph France	
Sampling Date(s): 11-7-23	

Sample ID	Description	Sample Type (Below)	TAT (Above)	Total Volume/Area (as applicable)	Notes: (Time, Temp, Etc.)
2944074	2nd Fl. - 266	ST	STD	25 LTRS	
2944073	2nd Fl. - 284	ST	STD	25 LTRS	
2944072	2nd Fl. - 234	ST	STD	25 LTRS	
2944067	2nd Fl. - 231	ST	STD	25 LTRS	
2944069	2nd Fl. - 227	ST	STD	25 LTRS	
2944078	2nd Fl. - 210	ST	STD	25 LTRS	
2944084	2nd Fl. - 205	ST	STD	25 LTRS	
2944081	2nd Fl. - 226	ST	STD	25 LTRS	
2944083	2nd Fl. - 230	ST	STD	25 LTRS	
2944080	2nd Fl. - 280	ST	STD	25 LTRS	
2944079	2nd Fl. - Hallway A	ST	STD	25 LTRS	
2944082	2nd Fl. - Hallway B	ST	STD	25 LTRS	

Sample Type Codes	Relinquished By	Date & Time	Received By	Date & Time
AP - Andersen Plate SW - Swab B - Bulk T - Tape ST - Spore Trap: Zefon, Micro5, Cyclex-d, etc.	<i>Andrew Baird</i>	11-8-23	Received	
				NOV 09 2023



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323-10-1040

Requested Services (X Boxes)			
Non-Viable		Culturable	
Spore Trap	Tape Bulk	Andersen, Swab, Bulk	

Contact Information			
Company: France Environmental, Inc.			PO#:
Address 7834 Forest Hill Avenue, Suite 7, Richmond VA. 23225			
Results To: Joseph France		Fax Results? Y/N	Fax: (804) 918-7098
Phone: (804) 716-0560		Email Y/N: JFrance@FranceEnv.com	

Project Information	Turnaround Time Codes
Project #: FEI-23MI505	STD – Standard: 2 Days (Non-viable) 24 – 24: 24 Hours (Non-viable) R – Rush: 6 hours (Non-viable) C – Culture: 7-14 Days W – Weekends: Scheduled by noon ET Friday Only ***Samples received after 5pm, on weekends or in drop-box, will be considered received the next business day.
Project Name: CORPS: Thomas C. Boushall Middle School	
Invoice To: Joseph France	
Sampling Date(s): 11-7-23	

Sample ID	Description	Sample Type (Below)	TAT (Above)	Total Volume/Area (as applicable)	Notes: (Time, Temp, Etc.)
2944065	1 st Fl. - 104	ST	STD	25 LTRS	
2944070	1 st Fl. - 105	ST	STD	25 LTRS	
2944064	1 st Fl. – Media Center	ST	STD	25 LTRS	
2944063	1 st Fl. – WK Room	ST	STD	25 LTRS	
2944062	1 st Fl. – AV Room #3	ST	STD	25 LTRS	
2944068	1 st Fl. – AV Room #2	ST	STD	25 LTRS	
2944000	2nd Fl. - 288	ST	STD	25 LTRS	
2943993	2nd Fl. - 287	ST	STD	25 LTRS	
2944012	2nd Fl. - 149	ST	STD	25 LTRS	
2944008	2nd Fl. - 272	ST	STD	25 LTRS	
2944007	2nd Fl. - 262	ST	STD	25 LTRS	
2944005	2nd Fl. – 264	ST	STD	25 LTRS	

Fungal Spore Count Only - No ID	Fungal Spore Count and Genus ID, pollen, fiber & mycelial fragment count	Fungal Genus Identification – Qualitative	Environmental Fungal Genus ID & Enumeration	Environmental Bacterial Enumeration & Gram Stain ID	Fungal Speciation – Scheduled in Advance Only	Bacterial speciation – Scheduled in Advance Only	

Sample Type Codes	
AP – Andersen Plate	T - Tape
SW - Swab	ST - Spore Trap: Zefon, Micro5, Cyclex-d, etc.
B - Bulk	

Relinquished By	Date & Time	Received By	Date & Time
<i>Andrew Paul</i>	11-8-23	Received	
			NOV 09 2023

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323-11-1040

Requested Services (X Boxes)					
Non-Viable		Culturable			
Spore Trap	Tape Bulk	Andersen, Swab, Bulk			
Fungal Spore Count Only - No ID	Fungal Spore Count and Genus ID, pollen, fiber & mycelial fragment count	Fungal Genus Identification - Qualitative	Environmental Fungal Genus ID & Enumeration	Environmental Bacterial Enumeration & Gram Stain ID	Fungal Speciation - Scheduled in Advance Only
					Bacterial speciation - Scheduled in Advance Only

Contact Information		
Company: France Environmental, Inc.	PO#:	
Address 7834 Forest Hill Avenue, Suite 7, Richmond VA. 23225		
Results To: Joseph France	Fax Results? Y/N	Fax: (804) 918-7098
Phone: (804) 716-0560	Email Y/N: JFrance@FranceEnv.com	

Project Information	Turnaround Time Codes
Project #: FEI-23MI505	STD - Standard: 2 Days (Non-viable) 24 - 24: 24 Hours (Non-viable) R - Rush: 6 hours (Non-viable) C - Culture: 7-14 Days W - Weekends: Scheduled by noon ET Friday Only ***Samples received after 5pm, on weekends or in drop-box, will be considered received the next business day.
Project Name: CORPS: Thomas C. Boushall Middle School	
Invoice To: Joseph France	
Sampling Date(s): 11-7-23	

Sample ID	Description	Sample Type (Below)	TAT (Above)	Total Volume/Area (as applicable)	Notes: (Time, Temp, Etc.)
2944004	2nd Fl. - 263	ST	STD	25 LTRS	
2944002	2nd Fl. - 261	ST	STD	25 LTRS	
2944003	2nd Fl. - 243	ST	STD	25 LTRS	
2944018	2nd Fl. - 242	ST	STD	25 LTRS	
2943999	2nd Fl. - 239	ST	STD	25 LTRS	
2943996	2nd Fl. - 247	ST	STD	25 LTRS	
2944006	2nd Fl. - 281	ST	STD	25 LTRS	
2944020	2nd Fl. - 293	ST	STD	25 LTRS	
2944019	2nd Fl. - 282	ST	STD	25 LTRS	
2944016	2nd Fl. - 233	ST	STD	25 LTRS	
2944013	2nd Fl. - 212	ST	STD	25 LTRS	
2944023	2nd Fl. - 208	ST	STD	25 LTRS	

Sample Type Codes	Relinquished By	Date & Time	Received By	Date & Time
AP - Andersen Plate SW - Swab B - Bulk T - Tape ST - Spore Trap: Zefon, Micro5, Cyclex-d, etc.	<i>Andrew Baird</i>	11-8-23		
			Received	

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 AIHA ACCREDITED 175122

323-11-1040

Requested Services (X Boxes)					
Non-Viable		Culturable			
Spore Trap	Tape Bulk	Andersen, Swab, Bulk			
Fungal Spore Count Only - No ID	Fungal Spore Count and Genus ID, pollen, fiber & mycelial fragment count	Fungal Genus Identification - Qualitative	Environmental Fungal Genus ID & Enumeration	Environmental Bacterial Enumeration & Gram Stain ID	Fungal Speciation - Scheduled in Advance Only
					Bacterial speciation - Scheduled in Advance Only

Contact Information			
Company: France Environmental, Inc.			PO#:
Address 7834 Forest Hill Avenue, Suite 7, Richmond VA. 23225			
Results To: Joseph France	Fax Results? Y/N	Fax: (804) 918-7098	
Phone: (804) 716-0560	Email Y/N: JFrance@FranceEnv.com		

Project Information	Turnaround Time Codes
Project #: FEI-23MI505	STD - Standard: 2 Days (Non-viable) 24 - 24: 24 Hours (Non-viable) R - Rush: 6 hours (Non-viable) C - Culture: 7-14 Days W - Weekends: Scheduled by noon ET Friday Only ***Samples received after 5pm, on weekends or in drop-box, will be considered received the next business day.
Project Name: CORPS: Thomas C. Boushall Middle School	
Invoice To: Joseph France	
Sampling Date(s): 11-7-23	

Sample ID	Description	Sample Type (Below)	TAT (Above)	Total Volume/Area (as applicable)	Notes: (Time, Temp, Etc.)
2944014	2nd Fl. - 207	ST	STD	25 LTRS	
2944015	2nd Fl. - 298	ST	STD	25 LTRS	
2944017	2nd Fl. - 297	ST	STD	25 LTRS	
2943995	2nd Fl. - 295	ST	STD	25 LTRS	
2943992	2nd Fl. - Rm Beside 295	ST	STD	25 LTRS	
2944009	2nd Fl. - 292	ST	STD	25 LTRS	
2944021	2nd Fl. - 140	ST	STD	25 LTRS	
2944027	2nd Fl. - 236	ST	STD	25 LTRS	
2944024	2nd Fl. - 237	ST	STD	25 LTRS	
2944022	2nd Fl. - 249	ST	STD	25 LTRS	
2944028	1st Fl. - Gym	ST	STD	25 LTRS	
2944032	1st Fl. - Girls Locker Rm	ST	STD	25 LTRS	

Sample Type Codes	Relinquished By	Date & Time	Received By	Date & Time
AP - Andersen Plate SW - Swab B - Bulk T - Tape ST - Spore Trap: Zefon, Micro5, Cyclex-d, etc.	<i>Andrew Baird</i>	11-8-23	Received	

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323-11-1040

Requested Services (X Boxes)					
Non-Viable		Culturable			
Spore Trap	Tape Bulk	Andersen, Swab, Bulk			
Fungal Spore Count Only - No ID	Fungal Spore Count and Genus ID, pollen, fiber & mycelial fragment count	Fungal Genus Identification - Qualitative	Environmental Fungal Genus ID & Enumeration	Environmental Bacterial Enumeration & Gram Stain ID	Fungal Speciation - Scheduled in Advance Only
					Bacterial speciation - Scheduled in Advance Only

Contact Information

Company: **France Environmental, Inc.** PO#:

Address **7834 Forest Hill Avenue, Suite 7, Richmond VA. 23225**

Results To: **Joseph France** Fax Results? Y/N Fax: **(804) 918-7098**

Phone: **(804) 716-0560** Email Y/N: **JFrance@FranceEnv.com**

Project Information

Turnaround Time Codes

Project #: **FEI-23MI505**

Project Name: **CORPS: Thomas C. Boushall Middle School**

Invoice To: **Joseph France**

Sampling Date(s): **11-7-23**

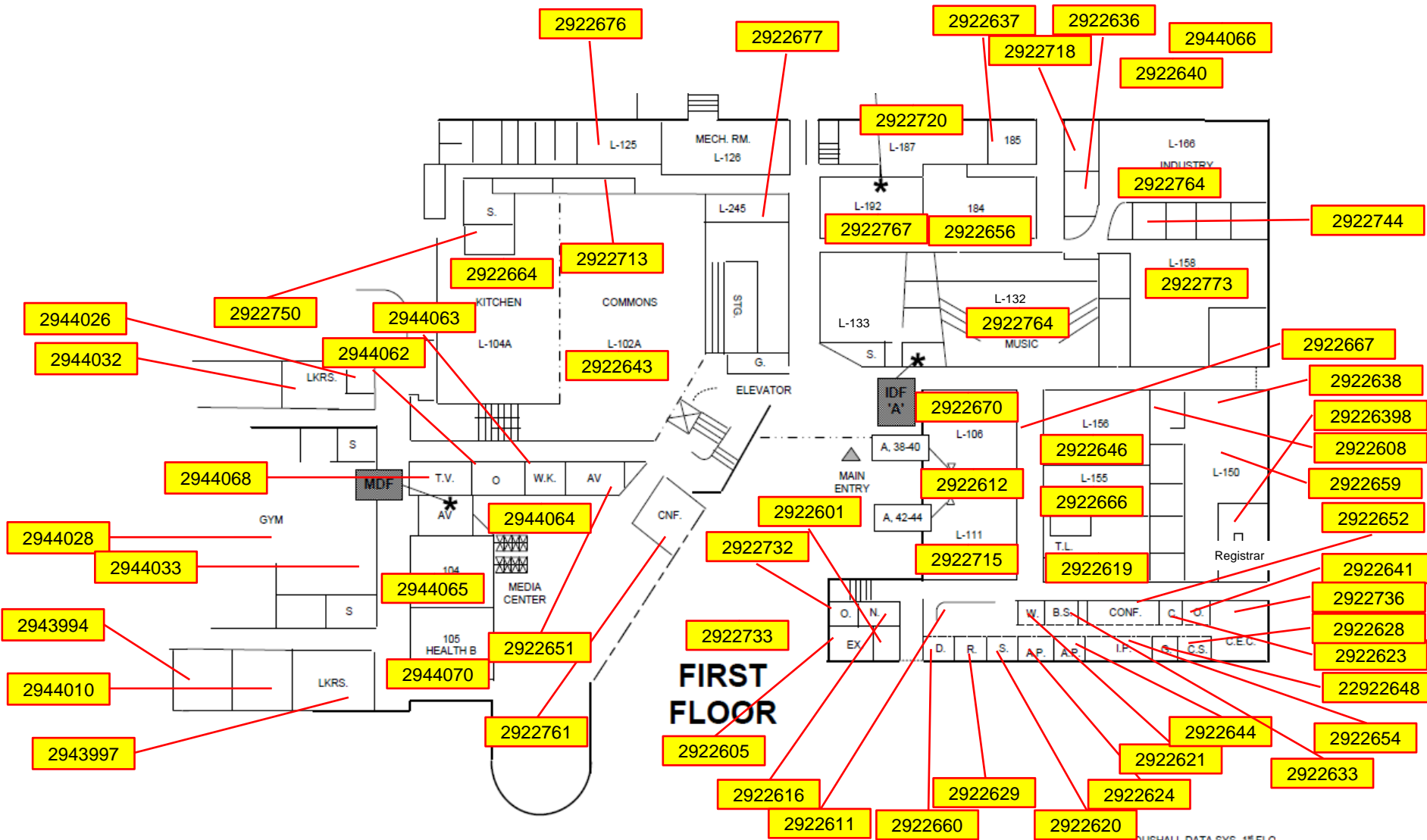
STD - Standard: 2 Days (Non-viable)
24 - 24: 24 Hours (Non-viable)
R - Rush: 6 hours (Non-viable)
C - Culture: 7-14 Days
W - Weekends: Scheduled by noon ET Friday Only
 ***Samples received after 5pm, on weekends or in drop-box, will be considered received the next business day.

Sample ID	Description	Sample Type (Below)	TAT (Above)	Total Volume/Area (as applicable)	Notes: (Time, Temp, Etc.)
2943994	1 st Fl. - Coach Office	ST	STD	25 LTRS	
2943997	1 st Fl. - Boys Locker Rm	ST	STD	25 LTRS	
2944010	1 st Fl. - Coach Office	ST	STD	25 LTRS	
2944026	1 st Fl. - Office 144 in Gym	ST	STD	25 LTRS	
2944033	1 st Fl. - Dance Class	ST	STD	25 LTRS	
2922629	1 st Fl. - R Room	ST	STD	25 LTRS	

Sample Type Codes		Relinquished By	Date & Time	Received By	Date & Time
AP - Andersen Plate	T - Tape	<i>Andrew Baird</i>	11-8-23	Received	
SW - Swab	ST - Spore Trap: Zefon, Micro5, Cyclex-d, etc.				
B - Bulk					

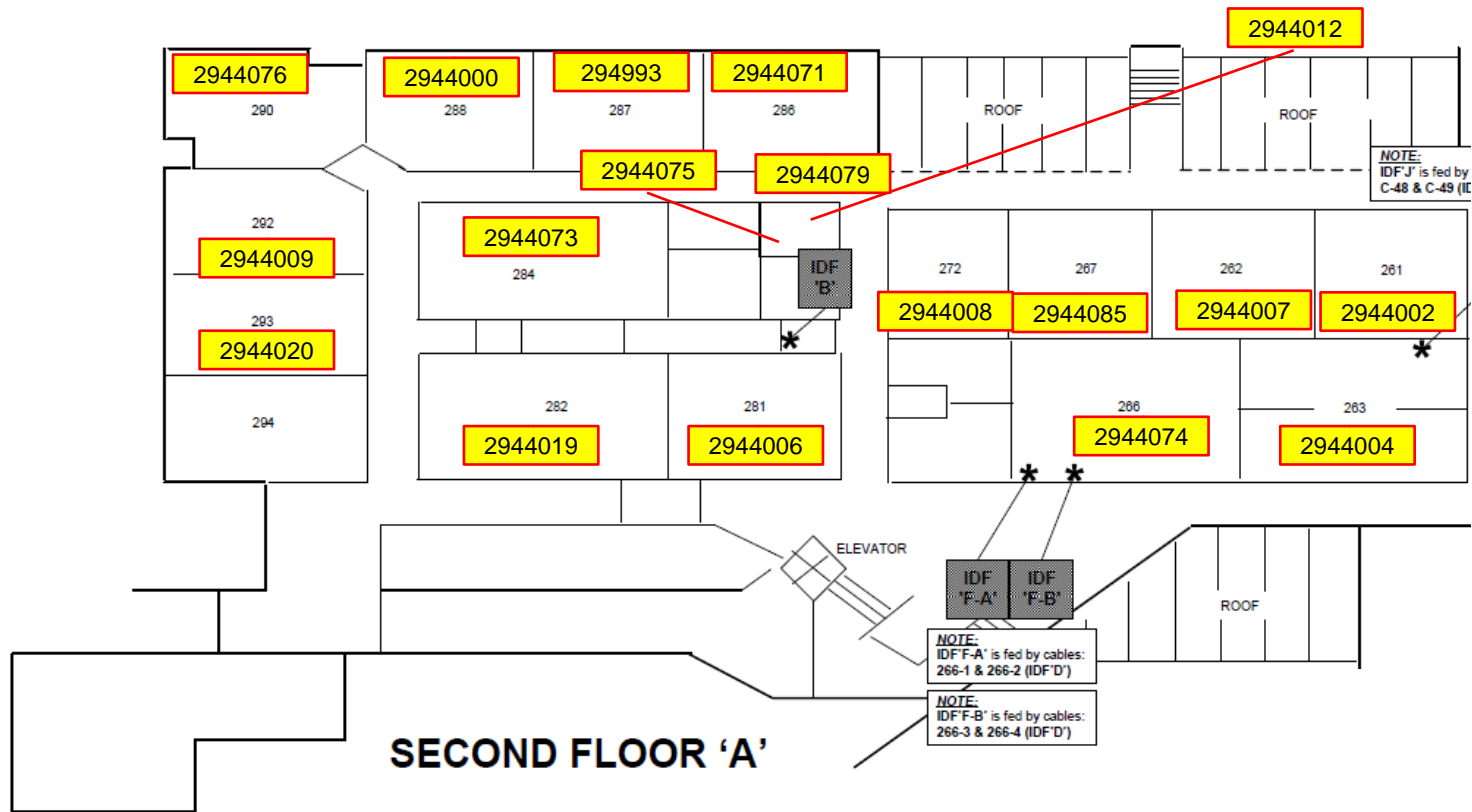
NOV 09 2023
[Signature] 10

SAMPLE LOCATION DRAWING

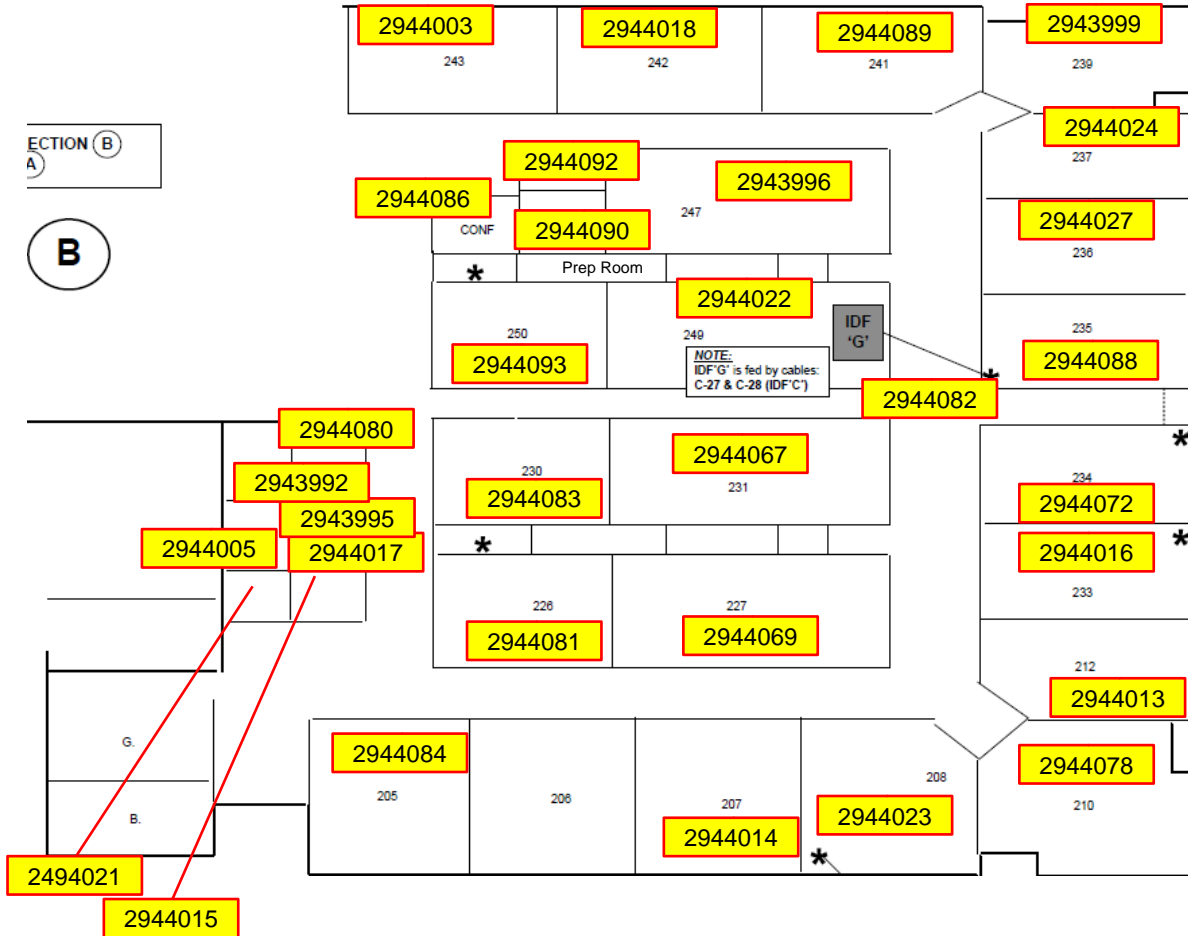


IAQ Sample Location Drawing
 Boushall Middle School
 Richmond, Virginia
 FEI Proj: FEI-23MI505 Survey Date: 11/07/2023





IAQ Sample Location Drawing
 Boushall Middle School
 Richmond, Virginia
 FEI Proj: FEI-23MI505 Survey Date: 11/07/2023



IAQ Sample Location Drawing
 Boushall Middle School
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PHOTOGRAPHS OF SITE CONDITIONS



Photograph No. 1

Showing Typical Dust Loading on Ceiling Diffusers - Prep Room



Photograph No. 2

Showing Typical Dust Loading on Ceiling Diffusers and Ceiling Tile with Stained Ceiling Tile - L-155



Photograph No. 3

Showing Multiple Stained Lay-in Ceiling Tiles - Classroom 227



Photograph No. 4

Showing Visible Mold Growth on Ceiling Tile in Classroom 284

CHART 1
FUNGAL TYPES AND GROUPS

Chart 1

Fungal Types and Groups

These are brief descriptions for general informational purposes:

- Alternaria* (all-tur-nair-ee-uh)** common allergen/contaminant/opportunistic pathogen, one of the most common molds found worldwide in soil and on plants and can commonly be found indoors (frequently appearing black on window frames). It is an important airborne allergen and common agent for hay fever, asthma, and other allergy related symptoms.
- Ascospores* (ass-co-spores)** a large category of spores (produced in a sac-like structure) that are found everywhere in nature and include more than 3,000 genera. Most *Ascospores* of health or IAQ importance are identified separately by their genus (e.g. *Chaetomium*) when possible on a IAQ report, and the *Ascospore* category is used primarily on these reports for a large group of less important spore types often found in quantity on outdoor air samples. On tape samples, *Ascospore* is sometimes also used as a general morphological identification (i.e., the ascus or sac structure is present) for certain samples in those cases when the spores do not appear to represent any of the IAQ significant genera.
- Aspergillus* (as-per-jill-us)** allergen/contaminant/opportunistic pathogen, commonly found in the environment around the world. It comprises approximately 200 species and can appear almost any color. Though commonly found on cultures, tape-lifts, and air samples, its spores are indistinguishable from *Penicillium* on non-cultured samples (like tape-lifts and air-o-cells) unless the conidiophore is present. Health effects vary by species, but many species are reported to be allergenic. Some species produce toxins that might have significant health effects in humans. *Aspergillus* is one of the most infectious of molds, but infections are not common in normal immune systems. In immuno-compromised individuals, however, the disease *Aspergillosis* is a very significant and potentially deadly health concern.
- Basidiospores* (bah-sid-ee-oh-spores)** allergen/contaminant, a general class of spore formed on a structure known as a *basidium*, characteristic of the *Basidiomycete* class (that includes rusts, smuts and mushrooms). This category is commonly found in outdoor air samples. Many species are reported to be allergenic and some species are associated with dry rot in wood. Elevated airborne concentrations indoors might be indicative of water damage or too high of humidity.
- Chaetomium* (k-toe-me-um)** contaminant, rarely involved in systemic and cutaneous disease and sometimes reported to be allergenic. Some species can produce toxins, and there is some research interest on whether these toxins can cause cancer. Primary IAQ importance is currently related to that it will grow in the same conditions as *Stachybotrys* (**wet cellulose**) and amplified amounts in indoor air could be a warning that conditions do exist for *Stachybotrys* growth. Many times on damp sheetrock paper, colonies of *Chaetomium* and *Stachybotrys* will be growing on top of one another or side by side (**this can also be an important consideration when doing tape lifts of sheetrock because most of the time the colonies are not distinguishable by the naked eye-the small area that is sampled might be a pure colony of just *Chaetomium* even though numerous colonies of *Stachybotrys* might exist**).
- Cladosporium* (clad-oh-spore-ee-um)** common allergen/contaminant/very rarely pathogenic, found everywhere, many times the most common and numerous mold found in outdoor air. Indoor concentrations are usually not as high, but it is an important airborne allergen and common agent for hay fever, asthma, and other allergy related symptoms. It can thrive in various indoor environments, appearing light green to black (the black mold on air vent grills is usually *Cladosporium*).
- Curvularia* (curve-you-lair-ee-uh)** contaminant/opportunistic pathogen, found in air, soil and textiles. Reported to be allergenic. Rare infections of corneas, nails, and sinuses, primarily in immunocompromised individuals.
- Epicoccum* (epp-ee-cock-um)** contaminant/opportunistic pathogen, found in soil, air, water and rotting vegetation and can be commonly found in outdoor air. It is a common allergen and rarely can it cause an infection in the skin.
- Mycelial Fragments* (my-sill-e-ul)** a mass of hyphae; not in the form of large spore producing parts. Hyphae are an individual fungal thread or filament of connected cells. The thread that represents the individual parts of the fungal body.
- Myxomycetes* (mix-oh'-my-seat)** general category for commonly found genera usually associated with living and decaying plants as well as decaying wood. Sometimes can be found indoors. Some allergenic properties reported, but generally pose no health concerns to humans or animals.

Chart 1 (Continued) Fungal Types and Groups

These are brief descriptions for general informational purposes:

<i>Penicillium</i> (pen-uh-sill-ee-um)	contaminant/opportunistic pathogen, one of the most common genera found worldwide in soil and decaying vegetation and indoors in dust, food and various building materials. Common bread mold is a species of <i>Penicillium</i> . Spores usually cannot be distinguished from <i>Aspergillus</i> on non-cultured samples (like tape-lifts and air-o-cells). It is reported to be allergenic, to cause certain infections in compromised individuals, and some species do produce toxins unhealthy to humans.
<i>Periconia</i> (per-ee-cone-e-uh)	ubiquitous cosmopolitan. Mostly found in soil, blackened and dead herbaceous stems and leaf spots, grasses, rushes and sedges. Almost always associated with other fungi. Rare case of mycotic keratitis reported. Allergen not studied.
<i>Nigrospora</i> (nie-grow-spore-uh)	ubiquitous cosmopolitan. Especially abundant in warm climates. Mostly found in decaying plant material and soil. Very rare reports of human infection. Rarely found growing indoors. Type I allergies (hay fever, asthma).
<i>Pestalotia</i> (pess-ta-low-tee-uh)	<i>pestalotia</i> is primarily a secondary pathogen. It is saprophytic on dead and dying tissues and is weakly parasitic infecting wounds under moist conditions. Plant pathogen. Allergen not studied.
<i>Pithomyces</i> (pith-oh-my-sees)	contaminant, found on decaying plants, especially leaves and grasses. Rarely found indoors, but it can grow on paper. No reports of allergies or infections, but some species produce a toxin that causes facial eczema in sheep.
Pollen (pol-uhn)	Pollen is a fine powder produced by certain plants when they reproduce. During the spring, summer, and fall seasons, it's released into the air and picked up by the wind, which brings it to other plants to fertilize them. Inside of these pollen grains are proteins that commonly cause allergic reactions (such as sneezing, runny nose, and itchy eyes) when breathed in. The pollen that's most often responsible for causing allergies comes from grasses, trees, and weeds. Many people with asthma are allergic to pollen. When they breathe it in, it can trigger their asthma symptoms.
Smuts/Rusts	general category for commonly found genera usually associated with living and decaying plants as well as decaying wood. Sometimes can be found indoors. Some allergenic properties reported, but generally pose no health concerns to humans or animals.
<i>Spegazzinia</i> (spe-guh-zen-ee-uh)	spiegazzinia species comprise a very small proportion of the fungal biota. This genus is somewhat related to other lobed or ornamented genera such as <i>Candelabrum</i> . No information is available regarding health effects or toxicity. Allergenicity has not been studied. Usually identified on spore trap samples where it is seen every few weeks. (Spores have very distinctive morphology.) May also be found in air by culturable (Andersen) samples if a long enough incubation period is provided so that sporulation occurs. Our laboratory has never found this organism growing on indoor environmental surfaces. Natural habitat includes soil and many kinds of trees and plants.