21 Griffin Rd. North
Windsor, CT 06095

t 860.298.9692

September 18, 2026

Mr. Angelus Papageorge
Executive Director of Operations
Fairfield Public Schools
501 Kings Highway East, Suite 210
Fairfield, CT 06825

Via email: apapageorge@fairfieldschools.org

RE: Limited Indoor Air Quality Assessment Report
Burr Elementary School – Music Room, Orchestra Room, and LMC
1960 Burr Street
Fairfield, CT
TRC Project No. 759102

Dear Mr. Papageorge:

TRC Environmental Corporation (TRC) conducted a limited indoor air quality (IAQ) assessment in the Music Room, Orchestra Room, and Library Media Center (LMC) (Areas of Concern) at the Burr Elementary School located at 1960 Burr Street in Fairfield, Connecticut (the "Site").

It is our understanding that the AOC incurred water intrusion due to heavy rainfall on Sunday, September 13, 2026. The client reported that carpeting within the AOC was impacted and corrective action was taken to immediately dry out the carpet/spaces which included the introduction of dehumidifiers within the spaces. This limited IAQ assessment was conducted based on reported IAQ concerns of staff at the Site.

INVESTIGATIVE STRATEGY

TRC's Senior Industrial Hygienist, Mr. Andrew Smith, conducted the Limited IAQ Assessment on Tuesday, September 15, 2026.

Visual Inspection

The readily accessible areas of the AOC and adjacent spaces were visually evaluated for evidence of water staining, water damage, and suspect fungal growth (mold). A reasonable effort was made to identify fungal-impacted building materials. This does not imply a guarantee that all possible reservoirs (growth or airborne) of microbial growth were identified because microbial or water-impacted building materials may be hidden by walls, flooring, partitions, etc.

Carbon Dioxide, Carbon Monoxide, Temperature and Relative Humidity

A TSI® IAQ-CALC™ Indoor Air Quality Meter was used to monitor relative humidity (RH), temperature (T), carbon monoxide (CO), and carbon dioxide (CO_2) levels. The measurement results were compared to the levels recommended by the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE).

- *Carbon Dioxide* - Carbon dioxide is a useful indicator of inadequate make-up (outdoor) air and inadequate outdoor air supply per occupant. American Society of Heating, Refrigerating, and Air-Conditioning Engineers (ASHRAE) Standard 62.1-2019, *Ventilation for Acceptable Indoor Air Quality*, recommends a delta (difference between inside and outside concentrations) value of 700 parts per million (ppm) or less for CO_2. The delta value of 700 ppm equates to approximately 15 cubic feet per minute of supply air per occupant. By maintaining a steady-state CO_2 concentration in a space no greater than about 700 ppm above outdoor air levels will indicate that a substantial majority of visitors entering a space will be satisfied with respect to human bioeffluents (body odor). Ambient concentrations of carbon dioxide generally range from 300 – 500 ppm.

- *Carbon Monoxide* - Carbon monoxide is a colorless, odorless gas that can cause fatigue or drowsiness, nausea, headache, and difficulty breathing when present at elevated levels. ASHRAE Standard 62.1-2019 recommends carbon monoxide concentrations less than 9 ppm indoors as an eight-hour average.

- *Dry Bulb Temperature* - ASHRAE Standard 55-2020, *Thermal Environmental Conditions for Human Occupancy* bases occupant thermal comfort on a combination of metabolic rate, clothing insulation, air temperature (dry bulb temperature as a substitute for operative temperature), radiant temperature, air speed, and humidity. Conditions are considered to be satisfactory when a substantial majority of occupants (80% or more) are not expressing dissatisfaction with thermal comfort.

- *Relative Humidity* - ASHRAE Standard 62.1-2019, recommends that relative humidity in occupied spaces should be maintained between 30% and 65%. Relative humidity below 30% may cause specific physiological effects, which lead to discomfort and dissatisfaction with the indoor environment. Potential symptoms include dry and sore nose and throat, bleeding nose, sinus and tracheal irritation, dry scratchy eyes, inability to wear contact lenses, and dry flaking skin. The number of persons affected generally increases as the RH drops below 30%. Low RH may also contribute to an increase in respiratory illness, by weakening the defenses provided by the mucous membranes. At the other end of the spectrum, discomfort and dissatisfaction is common with RH readings above 60%. Carpets, curtains, furniture, etc., can absorb enough moisture at 60% RH to promote microbial growth. In addition, elevated RH can lead to condensation on materials with cooler surface temperatures and subsequently promote microbial growth. Several industry organizations recommend RH be maintained between 30% - 60%. ASHRAE Standard 55-2013 recommends RH be maintained below 65%. AIHA recommends RH between 30%-50% and ACGIH recommends RH be maintained below 60% to prevent the amplification of microbial growth.

Microbial Particulate Air Sampling Results

Sampling for microbial particulates was conducted using Air-O-Cell™ sampling cassettes; samples were collected at 15 liters per minute for ten-minute sampling periods using a high-volume sampling pump. Airborne particulates are drawn through the cassette and directly impact on an adhesive collection media. Each sample was assigned a unique identification number, which was recorded on a chain-of-custody form. Samples collected were submitted to TRC's in-house laboratory in Windsor, Connecticut for analysis, which is AIHA accredited lab able to perform bright field microscopy examination including the identification and semi-quantitative analysis of fungal spores. The Air-O-Cell™ cassette collects both viable and non-viable fungal spores, and the laboratory can identify some of the collected spores down to the genus level.

TRC collected four (4) indoor air samples from the AOC (Orchestra Room, Music Room, and LMC) at the Site. In addition, two (2) air samples were collected from the ambient/outdoors (pre and post assessment) and another sample was collected in the Gifted Math Room (unaffected area) for comparative purposes. Samples were analyzed to determine the presence or absence of spores or mycelial structures indicative of mold growth using bright field microscopy (magnification 600x).

RESULTS

Visual Inspection

Observations made by TRC during the site visit are presented in the table below:

Area	Date	Damage Noted	Observations
Ambient	9/15/26	Not Applicable	• Parking lot • Grass and pavement at perimeter of building
Orchestra Room	9/15/26	Not Applicable	• Carpet impacted by water incursion and immediately dried as reported by the client • No visible signs of suspect mold
Music Room	9/15/26	Not Applicable	• Carpet impacted by water incursion and immediately dried as reported by the client • No visible signs of suspect mold
Library Media Center (LMC)	9/15/26	Not Applicable	• Carpet impacted by water incursion and immediately dried as reported by the client • No visible signs of suspect mold
LMC – adjacent Tech Room Door	9/15/26	Vinyl cove base molding	• Carpet impacted by water incursion • Evidence of suspect mold growth was observed behind vinyl cove base molding – cove base molding was removed and impacted surface was treated with an anti-microbial application
Gifted Math Room	9/15/26	Not Applicable	• Unaffected area • No visible signs of suspect mold or water incursion

Carbon Dioxide, Carbon Monoxide, Temperature and Relative Humidity

Area	CO_2 (ppm)	Temperature (^0F)	Relative Humidity (%)	CO (ppm)
Ambient – Pre-Assessment	383	66.6	48.7	0.0
Orchestra Room	656	73.0	44.4	0.0

Area	CO_2 (ppm)	Temperature (^0F)	Relative Humidity (%)	CO (ppm)
Music Room	706	71.1	43.4	0.0
Library Media Center (LMC)	695	73.9	44.1	0.0
LMC – adjacent Tech Room Door	735	73.2	44.5	0.0
Gifted Math Room	777	75.3	44.5	0.0
Ambient – Post-Assessment	397	67.0	50.3	0.0
Standards	**ASHRAE = <700 above ambient**	**ASHRAE Summer = 75-82^o Fall & Winter = 68-78^o F**	**ASHRAE = 30-65**	**ASHRAE = <9 for 8-hour TWA**

The results from the TSI® IAQ-CALC™ Indoor Air Quality Meter measurements indicate that T, RH, CO_2 and CO measurements taken from the interior locations were all within recommended ASHRAE ranges.

Microbial Particulate Air Sampling Results

Sample #	Date	Location	Total Spores/m^3	Identification –Species (sp.)
01	9/15/26	Ambient – Pre-Assessment	460 4,170 1,700 1,100 54 27 **7,510**	*Ascospores* *Aspergillus/Penicillium* *Basidiospores* *Cladosporium* *Hyphal Fragments* *Smuts/Myxomycetes* **Total Spore Count**
02	9/15/26	Orchestra Room	130 54 81 27 81 **370**	*Aspergillus/Penicillium* *Basidiospores* *Cladosporium* *Hyphal Fragments* *Smuts/Myxomycetes* **Total Spore Count**
03	9/15/26	Music Room	81 270 81 54 27 27 27 110 **680**	*Ascospores* *Aspergillus/Penicillium* *Basidiospores* *Cladosporium* *Curvularia* *Hyphal Fragments* *Rust* *Smuts/Myxomycetes* **Total Spore Count**
04	9/15/26	Library Media Center (LMC)	130 54 81 27 **290**	*Aspergillus/Penicillium* *Basidiospores* *Cladosporium* *Curvularia* **Total Spore Count**

Sample #	Date	Location	Total Spores/m^3	Identification –Species (sp.)
05	9/15/26	LMC – adjacent Tech Room Door	130 81 27 **240**	*Ascospores* *Aspergillus/Penicillium* *Basidiospores* **Total Spore Count**
06	9/15/26	Gifted Math Room	27 54 27 27 27 **160**	*Ascospores* *Aspergillus/Penicillium* *Basidiospores* *Cladosporium* *Rust* **Total Spore Count**
07	9/15/26	Ambient – Post-Assessment	400 1,400 940 1,000 27 **3,800**	*Ascospores* *Aspergillus/Penicillium* *Basidiospores* *Cladosporium* *Rust* **Total Spore Count**

Total Spores /m^3 = Count of Total Spores per cubic meter of air.

Analysis of the samples collected on September 15, 2026, indicated that the total fungal spore counts in the interior areas sampled to be less than/comparable, and of similar species to the exterior samples.

It is important to note that construction materials, personal belongings and indoor environments (including indoor air) are normally not sterile. Therefore, no structure can be completely free of microbial organisms. However, under normal circumstances, commonly accepted industry guidelines suggest that the levels of fungi in the indoor environment should be qualitatively and quantitatively similar to (or lower than) the air outside of the structure. Natural dust deposition may also contain fungal spores.

The total particulate fungi air sampling laboratory results and chain of custody are attached in Appendix A.

CONCLUSIONS

- AOC incurred water intrusion due to heavy rainfall on Sunday, September 13, 2026.
- The client reported that carpeting within the AOC was impacted and corrective action was taken to immediately dry out the carpet which included the introduction of dehumidifiers within the spaces.
- Evidence of suspect mold growth was observed behind vinyl cove base molding in the LMC, adjacent to Tech Room door – impacted cove base molding was removed and impacted surface was treated with an anti-microbial application.
- The results from the TSI® IAQ-CALC™ Indoor Air Quality Meter measurements indicated that T, RH, CO_2 and CO measurements taken from the interior locations were within recommended ASHRAE ranges.
- Analysis of the samples collected on September 15, 2026, indicated that the total fungal spore counts in the interior areas sampled to be less than/comparable, and of similar species to the exterior samples.

RECOMMENDATIONS

- Evaluate entry point/s which caused water intrusion due to heavy rains (door thresholds at inner courtyard) and inspect door seals.
- Continued dehumidification of AOC as necessary to dry out the spaces. Perform a follow up visual inspection in approximately two weeks to determine if suspect mold growth has occurred in previously unidentified locations such as below carpeting, behind cove base molding, etc.

CONDITIONS AND LIMITATIONS

Air sampling results are limited in that they represent airborne levels at the time of sampling. Changes in operating procedures, ventilation, temperature, occupancy, equipment, contaminant sources, products used, and other conditions may cause variations in air sampling results. The visual inspection performed by TRC is limited to areas that are accessible at the time of inspection. Destructive and/or invasive inspections are not generally within the scope of our investigation. Olfactory evaluation is subjective in nature and may vary per inspector.

TRC has performed the tasks set forth above in a thorough and professional manner consistent with industry standards. TRC cannot guarantee and does not warrant that this limited assessment has revealed all adverse environmental conditions affecting the site.

The sampling standards and remediation protocols utilized and recommended by TRC conform to general industry practices for the assessment and remediation of commercial and residential environments. However, the American Conference of Governmental Industrial Hygienists has indicated that special consideration may be required where immunocompromised or other sensitive populations are involved. In the absence of specific, written information indicating the presence or suspected presence of immunocompromised or other sensitive individuals, TRC cannot be responsible for establishing a more restrictive sampling or remediation standard for the environment under investigation.

It is the responsibility of the property owner to disclose the relevant history of the site. TRC cannot assume responsibility for investigation of any unknown issues which are not brought to our attention prior to the commencement of the survey.

This report has been prepared for TRC's client. The results and opinions set forth by TRC are based on the information in our possession as of the date of this report. TRC assumes no obligation to advise you of any changes that may later be brought to our attention.

TRC utilized the following as guides in formulating the remediation recommendations provided in this report:

- American Conference of Governmental Industrial Hygienists, *Bioaerosols Assessment and Control,* 1999;
- OSHA Safety and Health Information Bulletin (SHIB 03-10-10), *Indoor Air Quality in Commercial and Institutional Buildings*, for guidance on maintaining acceptable indoor air conditions and preventing air quality-related health issues;
- American Society of Heating, Refrigerating and Air-Conditioning Engineers Standard 62.1-2019, *Ventilation for Acceptable Indoor Air Quality*, 2019*;*

- American Society of Heating, Refrigerating and Air-Conditioning Engineers Standard 55-2023, *Thermal Environmental Conditions for Human Occupancy*, 2023*;*
- New York City, Department of Health & Mental Hygiene, Bureau of Environmental & Occupational Disease Epidemiology, *Guidelines on Assessment and Remediation of Fungi in Indoor Environments,* 2008;
- Institute of Inspection Cleaning and Restoration Certification, *ANSI/IICRC S500 Water Damage Restoration (2021)*;
- Institute of Inspection, Cleaning and Restoration Certification (IICRC), Standard and Reference Guide for Professional Mold Remediation, S520;
- United States Environmental Protection Agency, *Mold Remediation in Schools and Commercial Buildings,* 2008.

If you have any further questions or comments, please contact us.

Sincerely,

TRC Environmental Corporation





Eduardo Miguel Marques
Project Manager
Safety & Industrial Hygiene

Jonathan Gentile
SIH CT Group Leader
Safety & Industrial Hygiene

Attachments: Appendix A – Fungal Spore Laboratory Results and Chain of Custody
Appendix B – TRC's Mold Data Solutions Report

APPENDIX A – Fungal Spore Laboratory Results and Chain of Custody

Industrial Hygiene Laboratory
21 Griffin Road North
Windsor, CT 06095
(860) 298-6308

FUNGAL ID AND SPORE COUNT REPORT: METHOD (FUNGAL SPORE SOP LA-920/modASTM D7391)

CLIENT: Fairfield Public Schools
Lab Log #: 0070510
Date Received: 09/16/2026
Project #: 759102.0000.0000
Date Analyzed: 09/16/2026
SITE: Burr Elementary School, 1960 Burr Street, Fairfield, CT
Media Type: AirOCell

	M-01		M-02		M-03		M-04	
Client ID:	M-01		M-02		M-03		M-04	
Lab ID:	0070510-001		0070510-002		0070510-003		0070510-004	
Location:	Main Parking Lot		Orchestra Room		Music Room		Library Media Center	
Volume (L):	150		150		150		150	
Analytical Sensitivity:	27		27		27		27	
Background Debris: *	2		3		3		3	
	Raw Count	Spores/m3	Raw Count	Spores/m3	Raw Count	Spores/m3	Raw Count	Spores/m3
SPORES								
Alternaria								
Arthrinium								
Ascospores	17	460			3	81		
Aspergillus/Penicillium	155	4,170	5	130	10	270	5	130
Basidiospores	63	1,700	2	54	3	81	2	54
Bipolaris/Drechslera								
Cercospora								
Chaetomium								
Cladosporium	40	1,100	3	81	2	54	3	81
Curvularia					1	27	1	27
Epicoccum								
Fusarium								
Hyphal Fragments	2	54	1	27	1	27		
Oidium								
Pestalotiopsis/Pestalotia								
Pithomyces								
Polythrincium								
Rust					1	27		
Scopulariopsis								
Smuts/Myxomycetes	1	27	3	81	4	110		
Spegazzina								
Stachybotrys								
Stemphylium/Ulocladium								
Tetraploa								
Torula								
Unidentified Spore(s)								
NON-SPORES								
Cellulose	0		0		0		0	
Insect Fragments	0		0		0		0	
Pollen	1		0		1		0	
Skin Fragment	1		3		3		3	
Total Spores/m3	**7,510**		**370**		**680**		**290**	

* Background debris may affect analysis of sample causing results to be reported lower than actually present in the air. Background debris are expressed qualitatively.
Non-Fungal Background Debris Loading: 0-5 Scale
0 – No fungal material is observed
1 - ~<5% of a representative field of view
2 - ~5% and 25% of a representative field of view
3 - ~25% and 75% of a representative field of view
4 - ~75% and 90% of a representative field of view
5 - ~>90% of a representative field of view

Samples arrived in acceptable condition unless otherwise noted. Detection Limit for fungal analysis is one fungal spore. A blank Spore field is defined as less than the reporting limit. Concentrations reported are based on the Air Volumes provided by the client. Analytical Sensitivity is based on 600x magnification and 25% of trace analyzed or maximum of 200 spores but minimum of 4 traverses. This test report relates only to the items tested, as received by the laboratory. This report shall not be reproduced, except in full, without the written approval of TRC.

Analyzed by: Najaat Bhura, Quality Manager

Reviewed by Kathleen Williamson, Laboratory Manager

Date Issued
09/16/2026

Industrial Hygiene Laboratory
21 Griffin Road North
Windsor, CT 06095
(860) 298-6308

FUNGAL ID AND SPORE COUNT REPORT: METHOD (FUNGAL SPORE SOP LA-920/modASTM D7391)

CLIENT: Fairfield Public Schools | Lab Log #: 0070510 | Date Received: 09/16/2026
Project #: 759102.0000.0000 | Date Analyzed: 09/16/2026
SITE: Burr Elementary School, 1960 Burr Street, Fairfield, CT | Media Type: AirOCell

	M-05		M-06		M-07			
Client ID:								
Lab ID:	0070510-005		0070510-006		0070510-007			
Location:	Library Media Center Near Tech Room		243 - Gifted Math Office		Recess Area			
Volume (L):	150		150		150			
Analytical Sensitivity:	27		27		27			
Background Debris: *	3		2		2			
	Raw Count	Spores/m3	Raw Count	Spores/m3	Raw Count	Spores/m3	Raw Count	Spores/m3
SPORES								
Alternaria								
Arthrinium								
Ascospores			1	27	15	400		
Aspergillus/Penicillium	5	130	2	54	53	1,400		
Basidiospores	3	81	1	27	35	940		
Bipolaris/Drechslera								
Cercospora								
Chaetomium								
Cladosporium	1	27	1	27	37	1,000		
Curvularia								
Epicoccum								
Fusarium								
Hyphal Fragments								
Oidium								
Pestalotiopsis/Pestalotia								
Pithomyces								
Polythrincium								
Rust			1	27	1	27		
Scopulariopsis								
Smuts/Myxomycetes								
Spegazzina								
Stachybotrys								
Stemphylium/Ulocladium								
Tetraploa								
Torula								
Unidentified Spore(s)								
NON-SPORES								
Cellulose	0		0		0			
Insect Fragments	0		0		0			
Pollen	0		0		0			
Skin Fragment	3		3		1			
Total Spores/m3	**240**		**160**		**3,800**			

* Background debris may affect analysis of sample causing results to be reported lower than actually present in the air. Background debris are expressed qualitatively.
Non-Fungal Background Debris Loading: 0-5 Scale
0 – No fungal material is observed
1 - ~<5% of a representative field of view
2 - ~5% and 25% of a representative field of view
3 - ~25% and 75% of a representative field of view
4 - ~75% and 90% of a representative field of view
5 - ~>90% of a representative field of view

Samples arrived in acceptable condition unless otherwise noted. Detection Limit for fungal analysis is one fungal spore. A blank Spore field is defined as less than the reporting limit. Concentrations reported are based on the Air Volumes provided by the client. Analytical Sensitivity is based on 600x magnification and 25% of trace analyzed or maximum of 200 spores but minimum of 4 traverses. This test report relates only to the items tested, as received by the laboratory. This report shall not be reproduced, except in full, without the written approval of TRC.

Analyzed by: Najaat Bhura, Quality Manager

Reviewed by Kathleen Williamson, Laboratory Manager

Date Issued
09/16/2026

TRC

Edition: July 2025

21 GRIFFIN ROAD NORTH
WINDSOR, CONNECTICUT 06095
TELEPHONE: (860) 298-9692
EMAIL: trclab@trccompanies.com

Fungal Spore Count/ID – Direct Microscopic Examination
CHAIN OF CUSTODY

LAB ID#: 70510

CLIENT: Fairfield PS

PROJECT NUMBER: 759107

SITE LOCATION: Burr E.S. Limited IAQ

INSPECTOR: Andrew Smith

PROJECT MANAGER: M. Mesquez

TURNAROUND TIME (please circle): 8hr | 24hr | 48hr | 3day | >3day

FIELD SAMPLE NUMBER	DATE	Media Type: Air-O-Cell	Bio-Tape	Bulk	Swab	SAMPLE LOCATION	Sampling Rate (L/Min.)	Total Time (Minutes)	Sample Volume (Liters)	Notes
M-01	9/15/26	X				Main Parking Lot				AMbient Ext.
M-02	↓	↓				Orchestra room				Affected area
M-03						Music Room				↓
M-04						Library Media Center				
M-05						Library Media Center ~~near~~ affected room				
M-06						243 - Gifted Math office				Unaffected Area
M-07	↓	↓				Recess area				Ambient ext

Relinquished by: (Signature)	Date:	Received by: (Signature)	Relinquished by: (Signature)	Date:	Received by: (Signature)
[signature]	9/15/26	adyghe Walker 9/16/26			
(Printed) Andrew Smith	Time: 17:40	(Printed) Aaliyah Walker 0933	(Printed)	Time:	(Printed)

Remarks:

Condition of Samples:
Acceptable: Yes X No
Comments:

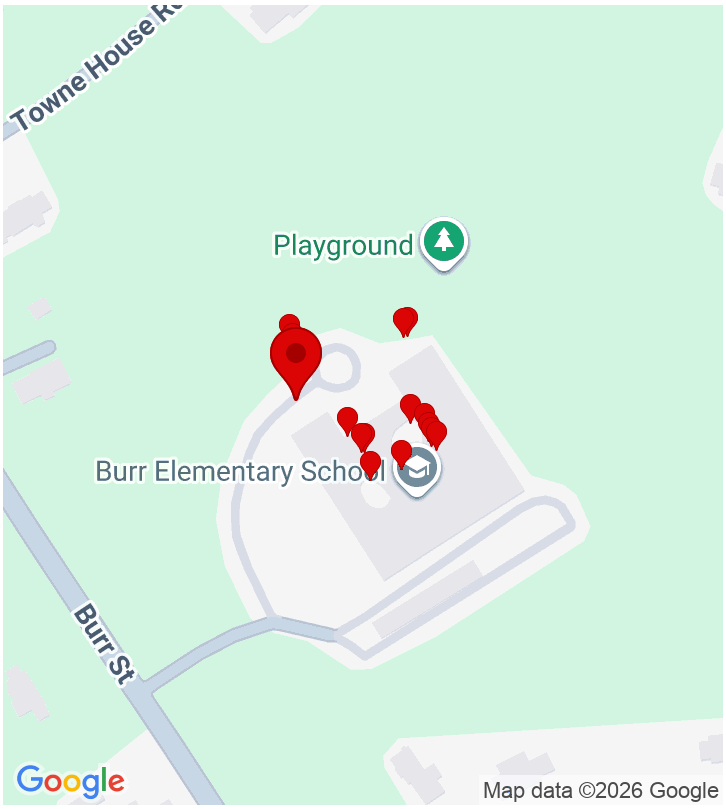
APPENDIX B – TRC's Mobile Data Solutions Report

SIH - WinSIH IAQ/Water Intrusion

General app for IAQ and water intrusion assessments

Burr ES music room limited IAQ

9/15/2026, 11:03:03 PM UTC



CREATED

9/15/2026, 4:30:39 PM UTC
by Andrew Smith

UPDATED

9/15/2026, 11:03:03 PM UTC
by Andrew Smith

STATUS

Inspection in Progress

LOCATION

41.198417, -73.287718

PROJECT

No Project

ASSIGNED TO

No Assignment

Job Information

Job Name	Burr ES music room limited IAQ
TRC Project Number	000759102
Address	1960 Burr St Fairfield CT 06824 US
Date	September 15, 2026
Client	Fairfield PS
TRC Industrial Hygienist	A Smith
Building Type	School
Foundation Type	
Weather Information	
Diagrams	
Flood Water Category	
Date of Water Loss	
Testing Performed/Equipment Used	Delmhorst Moisture Meter, TSI IAQ-Calc
Sampling Conducted	Yes
Sample Locations on Diagram	
HVAC System Inspection	
Overview Photos	

Background Information

Background	Water intrusion in 3 rooms (orchestra room, music room, lmc) due to heavy rain fall 2 days prior. All affected rooms connect to an inner court yard Music room and orchestra room use same independent AHU LMC has own AHU

Areas Investigated

Field Investigation (7 Items)

Field Investigation - 1. Main parking lot ambient EXT

Room / Area	Main parking lot ambient EXT
Time	12:31

General Overview Photos





General Notes	
Wall Framing	
Wall Finish Materials	
Ceiling Finish Materials	
Floor Finish Materials	
Subflooring Material	
Moisture Meter Readings Collected	No
Musty odors present	No
Water Staining / Water Damage	No
Suspect Fungal Growth	No
Recommendations	No
Sample Collected	Yes

Samples (1 Item)

Samples - 1. Air-O-Cell

Sample Type	Air-O-Cell
Sample ID	M-01

Sample Date	September 15, 2026
Sample Location / Notes	Iaq calc 006
Air-O-Cell Pre-calibration	
Air-O-Cell Start Time	12:33
Air-O-Cell End Time	12:43
Air-O-Cell Post-calibration	
Air-O-Cell Sample Time	10
Air-O-Cell Flow Rate	15
Air-O-Cell Volume	150

Sample Photo



Field Investigation - 2. Orchestra room

Room / Area	Orchestra room
Time	12:50

General Overview Photos







General Notes	Water intrusion Sunday (2 days prior) Only affected carpet 3 diffusers
Wall Framing	Metal Studs
Wall Finish Materials	Drywall
Ceiling Finish Materials	Drop Ceiling Tiles
Floor Finish Materials	Carpet Tiles
Subflooring Material	Concrete
Moisture Meter Readings Collected	Yes
Delmhorst Mode	#3 - Gypsum (Drywall)
Moisture Meter Reading	Dry
Low MM Reading	5.9
High MM Reading	7.8
Moisture Meter Notes	
Musty odors present	No
Water Staining / Water Damage	No
Suspect Fungal Growth	No
Recommendations	No
Sample Collected	Yes

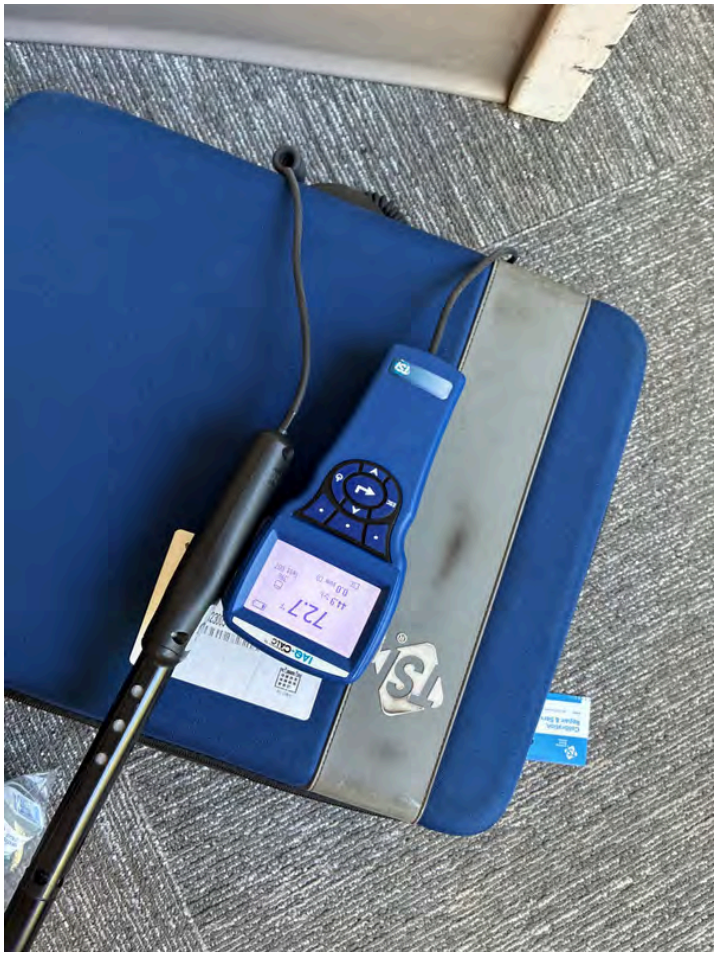
Samples (1 Item)

Samples - 1. Air-O-Cell

Sample Type	Air-O-Cell
Sample ID	M-02
Sample Date	September 15, 2026

Sample Location / Notes	
Air-O-Cell Pre-calibration	
Air-O-Cell Start Time	12:49
Air-O-Cell End Time	12:59
Air-O-Cell Post-calibration	
Air-O-Cell Sample Time	10
Air-O-Cell Flow Rate	15
Air-O-Cell Volume	150

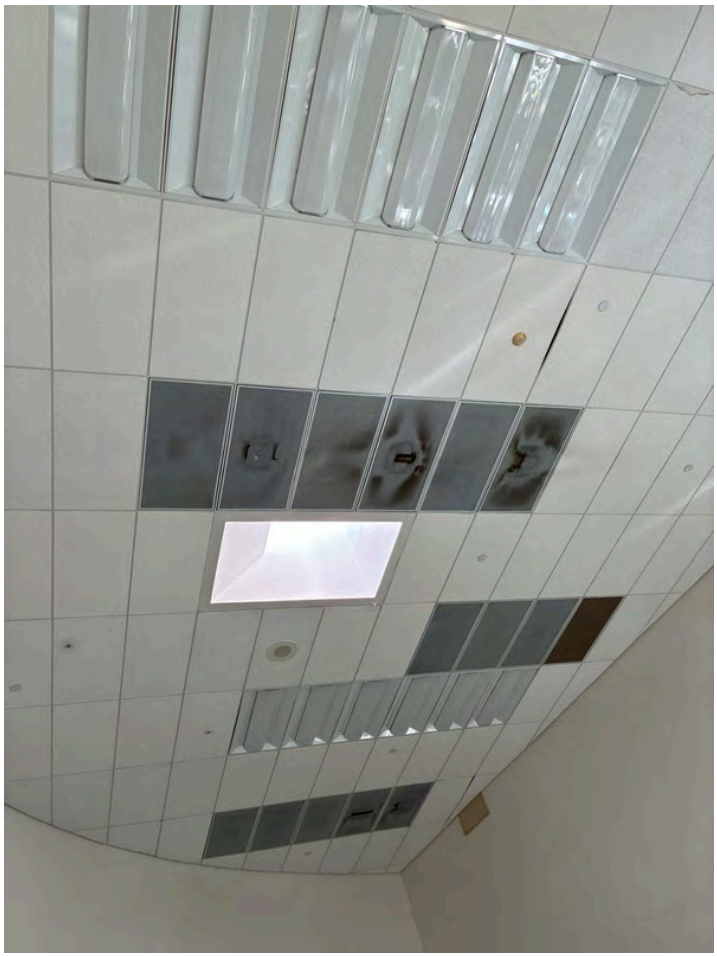
Sample Photo



Field Investigation - 3. Music room

Room / Area	Music room
Time	13:03

General Overview Photos



General Notes	Water intrusion on carpet. Did not reach wall 2 days prior
Wall Framing	
Wall Finish Materials	Drywall
Ceiling Finish Materials	Drop Ceiling Tiles
Floor Finish Materials	
Subflooring Material	
Moisture Meter Readings Collected	Yes
Delmhorst Mode	
Moisture Meter Reading	Dry
Low MM Reading	
High MM Reading	
Moisture Meter Notes	
Musty odors present	No
Water Staining / Water Damage	No
Suspect Fungal Growth	No
Recommendations	No
Sample Collected	Yes

Samples (1 Item)

Samples - 1. Air-O-Cell

Sample Type	Air-O-Cell
Sample ID	M-03
Sample Date	September 15, 2026
Sample Location / Notes	Rear of room
Air-O-Cell Pre-calibration	
Air-O-Cell Start Time	13:03
Air-O-Cell End Time	13:13
Air-O-Cell Post-calibration	
Air-O-Cell Sample Time	10
Air-O-Cell Flow Rate	15
Air-O-Cell Volume	150

Sample Photo

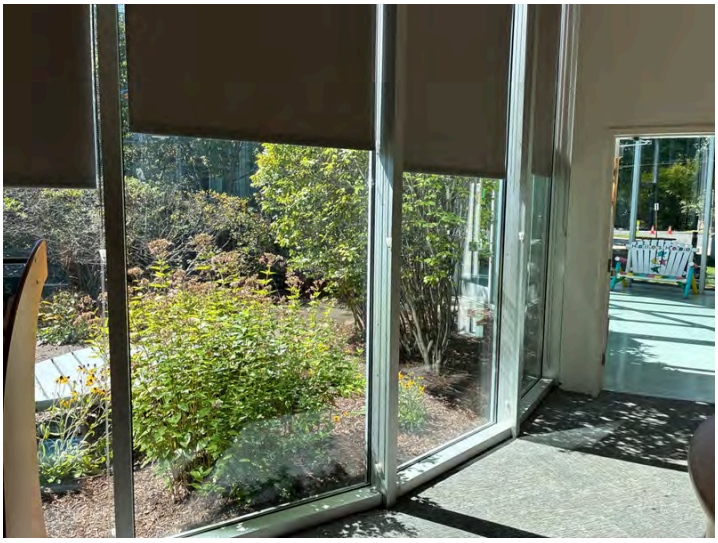


Field Investigation - 4. Library media center

Room / Area	Library media center
Time	13:17

General Overview Photos





General Notes	Moisture intrusion 2 days prior. Client states only on carpet. Area was dried and equipped with dehumidifier in office.
Wall Framing	Metal Studs
Wall Finish Materials	Drywall
Ceiling Finish Materials	Drop Ceiling Tiles
Floor Finish Materials	Carpet Tiles
Subflooring Material	Concrete
Moisture Meter Readings Collected	No
Musty odors present	No
Water Staining / Water Damage	No
Suspect Fungal Growth	No
Recommendations	No
Sample Collected	Yes

Samples (1 Item)

Samples - 1. Air-O-Cell

Sample Type	Air-O-Cell
Sample ID	M-04
Sample Date	September 15, 2026
Sample Location / Notes	Librarian desk
Air-O-Cell Pre-calibration	
Air-O-Cell Start Time	13:15

Air-O-Cell End Time	13:25
Air-O-Cell Post-calibration	
Air-O-Cell Sample Time	10
Air-O-Cell Flow Rate	15
Air-O-Cell Volume	150

Sample Photo



Field Investigation - 5. LMC outside of tech room door

Room / Area	LMC outside of tech room door
Time	13:33

General Overview Photos







General Notes	Area had been affected by water intrusion 2 days prior.
Wall Framing	Metal Studs
Wall Finish Materials	Drywall
Ceiling Finish Materials	Drop Ceiling Tiles
Floor Finish Materials	Carpet Tiles, Vinyl Tile
Subflooring Material	Concrete
Moisture Meter Readings Collected	No

Musty odors present	No
Water Staining / Water Damage	No
Suspect Fungal Growth	Yes
Observation Notes	SFG noted behind cove base in tech room and outside of it. Carpet still damp. Fiberglass backing, treated with anti microbial.

Observation Photos





Recommendations	No
Sample Collected	Yes

Samples (1 Item)

Samples - 1. Air-O-Cell

Sample Type	Air-O-Cell
Sample ID	M-05
Sample Date	September 15, 2026
Sample Location / Notes	Outside of tech room door
Air-O-Cell Pre-calibration	
Air-O-Cell Start Time	13:32

Air-O-Cell End Time	13:42
Air-O-Cell Post-calibration	
Air-O-Cell Sample Time	10
Air-O-Cell Flow Rate	15
Air-O-Cell Volume	150

Sample Photo

Field Investigation - 6. 243 Gifted Math - unaffected area

Room / Area	243 Gifted Math - unaffected area
Time	13:47

General Overview Photos





General Notes	Separate air handler however, library, music room, and orchestra room run off of independent AHU that don't service any other rooms
Wall Framing	Metal Studs
Wall Finish Materials	Drywall
Ceiling Finish Materials	Drop Ceiling Tiles
Floor Finish Materials	Vinyl Tile

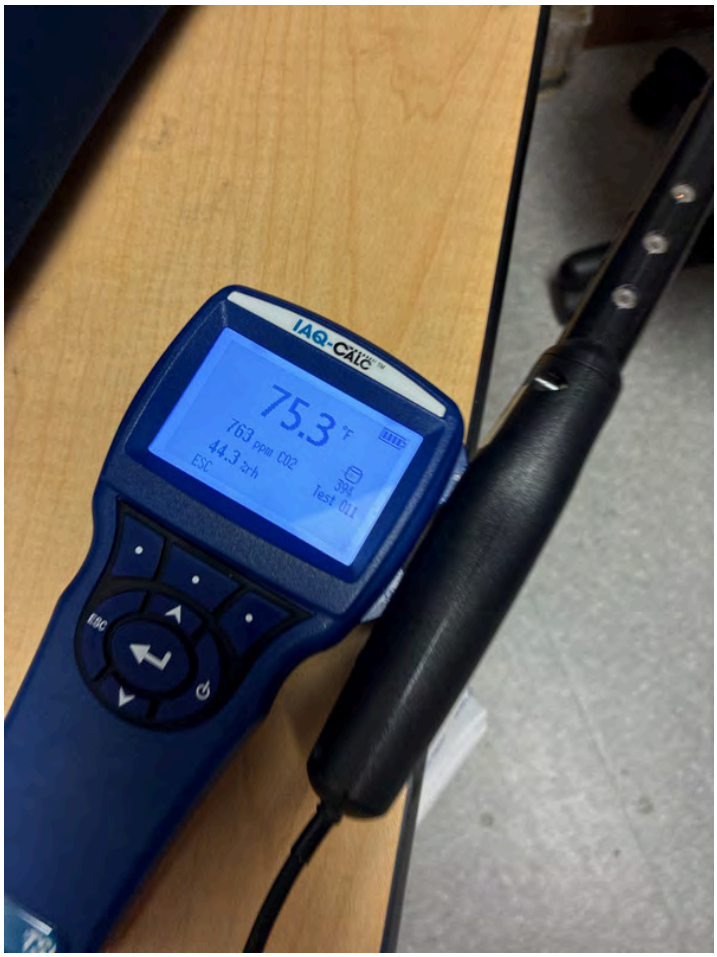
Subflooring Material	Concrete
Moisture Meter Readings Collected	No
Musty odors present	No
Water Staining / Water Damage	No
Suspect Fungal Growth	No
Recommendations	No
Sample Collected	Yes

Samples (1 Item)

Samples - 1. Air-O-Cell

Sample Type	Air-O-Cell
Sample ID	M-06
Sample Date	
Sample Location / Notes	Iaq calc 011
Air-O-Cell Pre-calibration	
Air-O-Cell Start Time	13:50
Air-O-Cell End Time	14:00
Air-O-Cell Post-calibration	
Air-O-Cell Sample Time	10
Air-O-Cell Flow Rate	15
Air-O-Cell Volume	150

Sample Photo



Field Investigation - 7. Recess area ambient Ext.

Room / Area	Recess area ambient Ext.
Time	14:04

General Overview Photos





General Notes	

Wall Framing	
Wall Finish Materials	
Ceiling Finish Materials	
Floor Finish Materials	
Subflooring Material	
Moisture Meter Readings Collected	No
Musty odors present	No
Water Staining / Water Damage	No
Suspect Fungal Growth	No
Recommendations	No
Sample Collected	Yes

Samples (1 Item)

Samples - 1. Air-O-Cell

Sample Type	Air-O-Cell
Sample ID	M-07
Sample Date	September 15, 2026
Sample Location / Notes	Iaq calc 012
Air-O-Cell Pre-calibration	
Air-O-Cell Start Time	14:06
Air-O-Cell End Time	14:16
Air-O-Cell Post-calibration	
Air-O-Cell Sample Time	10
Air-O-Cell Flow Rate	15
Air-O-Cell Volume	150
Sample Photo	

Status

Samples Submitted	
App Name	IAQ/Water Intrusion - WIN