

THE EXPOSURE FRAMEWORK REPORT

Integrated Environmental Findings, Interpretation, and Recommended Next Steps

Client and Property		Report Details	
Client	Sample Homeowner	Report Number	EFC-DEMO-CURRENT
Project	Current Report Demonstration	Report Date	August 16, 2026
Property Address	100 Sample Residence Way	Prepared By	Respirare Labs
Company	Respirare Labs		
Telephone / Email	Not displayed in public sample		

Human-reviewed demonstration prepared by Respirare Labs

PUBLIC DEMONSTRATION SAMPLE

Sanitized example of the current report format. Direct client identifiers and internal case-workspace status have been removed.

Reports Reviewed

Report	Provider / Laboratory	Domain / Context	Primary Date
AMEA / MESA	Respirare Labs	Air / Surface	January 26, 2026
Air-O-Cell / Spore Trap	EMSL Analytical, Inc.	Air	July 23, 2020
Clinical Report	RealTime Laboratories, LLC.	Clinical context	July 10, 2023
Moisture & Mold Assessment	Hovey Environmental LLC; EM Lab P&K (laboratory)	Building / Air / Surface	March 20, 2018

Part I: Homeowner Decision Summary

CURRENT STATUS: ACTION REQUIRED / RESOLUTION NOT DOCUMENTED

Your Bottom Line

The reviewed records document moisture and mold concerns in specific areas, together with later AMEA air Detects in Basement and Primary Bedroom and a MESA surface Detect in Primary Bedroom. These records do not prove that the home caused illness or that the entire property is affected. They also do not show that the identified concerns were fully corrected and verified. A qualified environmental professional should confirm current conditions before remediation bids or corrective work begin.

YOUR MOST IMPORTANT NEXT STEP

Do not request remediation bids or begin corrective work yet. First, engage a qualified environmental professional to:

- Confirm which documented conditions are current, historical, or already corrected.
- Prepare or approve a location-specific Scope of Work for areas where remediation is supported.
- Complete focused investigation before defining work in unresolved areas.
- Establish a matching verification plan.

The Bathroom spore-trap finding, Basement and Primary Bedroom AMEA Detects, and Primary Bedroom MESA Detect require source and context evaluation. They do not independently define remediation scope.

Why Action Is Warranted

Evidence reviewed	What it documented
Source action conclusions	The reviewed assessment recommends remediation in 3 locations, focused investigation in 2 locations, and no remediation in 1 location. The report preserves those different source conclusions. A detailed project-specific scope is not demonstrated for the remediation locations.

Evidence reviewed	What it documented
Later air sampling	location-specific fungal findings were reported in sampled indoor air. Outdoor or exterior samples are used as comparison context, not indoor priorities.
AMEA air sampling	Targeted mycotoxin assay results were classified as Detect in breathing-zone air from Basement, Primary Bedroom.
MESA surface sampling	Targeted mycotoxin assay results were classified as Detect on the sampled surface at Primary Bedroom.

What You Need to Know Right Now

Question	Answer
Is there enough evidence to take a next step?	Yes. A focused environmental review is warranted. These records do not by themselves justify broad corrective work beyond controlling an active water source or immediate building hazard.
Does this prove the home caused illness?	No. The records do not establish medical causation. They do, however, provide sufficient combined environmental evidence, including AMEA Detects in sampled breathing-zone air, a MESA surface Detect, and documented building and mold concerns, to treat the property as a credible potential environmental source requiring timely evaluation, appropriate corrective action where supported, and verification.
Does this show the entire home or all belongings are affected?	No. Evaluate only the locations, pathways, belongings, or settled dust supported by observations and the reviewed evidence.
Should broad additional testing be ordered now?	No. Additional testing should answer a defined unresolved question and be selected only when the possible results would change a decision.
Does this justify demolition or discarding belongings?	Not by itself. Broad demolition, whole-home cleaning, fogging, or disposal decisions should not be based solely on these records.
Does a Detect result mean the home is unsafe?	Not by itself. Detect is a laboratory classification, not a health-based safety or occupancy standard. In this case, however, the Detect results, considered with the building and mold evidence, mean the identified concerns have not been shown resolved. The sampled and affected areas require source evaluation, correction where supported, and documented verification.

Homeowner Action Sheet

Step	What to do
1. Confirm	Have the qualified environmental professional confirm current conditions and affected extent where the assessment leaves timing, boundaries, materials, or source control uncertain.
2. Define	Obtain a written, location-specific remediation work plan or scope describing the work, moisture/source responsibility, applicable controls, materials, HVAC/contents considerations, completion criteria, and verification plan.
3. Price, perform, and complete PRE	Request bids against the same written scope. Document material changes, complete the agreed work, and have the remediation contractor document its post-remediation evaluation (PRE).
4. Complete PRV when applicable	When independent post-remediation verification (PRV) is required, requested, or warranted, have a qualified independent environmental professional evaluate the completed work against the pre-agreed project criteria.

SPENDING GUARDRAIL

Before authorizing any test, ask: What specific question will this test answer, and how would each possible result change the plan? If neither result would change a decision, pause.

Optional Homeowner Reference: Understanding the Tests

This optional section explains common test boundaries. It does not change the recommended next step on page 1.

Question	Answer
Does a higher number mean greater health risk?	Not by itself. A laboratory result does not establish comparative health danger or how much a person may have inhaled.
Does dust testing show what is being breathed now?	No. Dust describes material that accumulated over time. Current air and current source conditions require separate evaluation.
When would additional environmental testing be useful?	After the environmental evaluation identifies a specific unresolved question. The method should be selected to answer that question, and the possible results should be capable of changing a decision.
Can this report decide whether someone should remain in or leave the home?	No. Occupancy decisions require consideration of current building conditions and individual medical circumstances.
Should every room be tested because AMEA Detects occurred in more than one room?	No. Multiple Detect locations do not automatically mean every room should be sampled. Additional rooms should be selected only when observations, pathways, or the investigation define a specific question.

What Each Test Can and Cannot Tell You

Method	What it can answer	What it does not establish
AMEA	Whether targeted mycotoxin assays meet the reporting threshold in sampled breathing-zone air during a one-hour event.	Health risk, personal dose, producing mold, physical source, whole-property condition, or medical causation.
MESA	The targeted mycotoxin result for the sampled surface matrix.	Airborne exposure, affected area or extent, health risk, or whole room condition.
Spore trap	Fungal structures present in sampled air during a defined sampling event and the location or comparison pattern.	Mycotoxins, concealed source extent, long term exposure, health risk, or whole-property condition.
Clinical testing	Clinical specimen information within the scope of the source test and method.	The environmental property, physical source, exposure route, or exposure timing in this report.

Part II: Give This to Your Environmental Professional

HOMEOWNER INSTRUCTION

The homeowner does not need to complete this section. Give these pages to the environmental professional who will evaluate the property and prepare or approve the written plan.

Who Does What?

Role	Responsibility
Environmental Professional	Evaluates building conditions, investigates sources and pathways, and determines whether additional environmental investigation or testing is appropriate.
Remediation Professional	Performs the defined corrective work and documents the contractor's post-remediation evaluation (PRE) within the work scope.
Independent Verifier	When required, requested, or warranted, performs independent post-remediation verification (PRV) against the written plan and pre-agreed criteria.
Healthcare Professional	Interprets symptoms, clinical testing, diagnosis, treatment, and individual medical decisions.
Laboratory	Analyzes submitted samples and reports results within the scope and limitations of the analytical method.

PRE AND PRV

Post-remediation evaluation (PRE) is the remediation contractor's documented internal evaluation that its defined work is complete, visually clean, and dry as applicable. Post-remediation verification (PRV) is a separate evaluation by an independent qualified environmental professional when PRV is required or requested, against project-specific criteria agreed before work begins. Sampling is selected only when it answers a defined verification question. Analytical sampling supplements, and does not replace, source and moisture correction, scope completion, visual cleanliness and dryness, cleaning, stabilization, and the contractor's PRE.

Environmental Professional Follow-Up and Verification Handoff

WHAT THE REVIEWED RECORDS ALREADY DOCUMENT

The environmental assessment conclusions and laboratory findings below are separate evidence types. Preserve the source professional's location-specific action conclusions; laboratory results add context but do not replace them.

Environmental Assessment Conclusions

Area	What the assessment documented	Source action conclusion
Family Room	Moderate moisture readings (~20%) at base of west wall right of slider; mold growth along bottom edge of baseboard and on sub-floor below carpet; mold growth on tack strip and subfloor in front of slider noted in photos. Moisture: Moderate (~20%) at base of west wall	Remediation recommended. Additional detail remains in the original source report.
Lower Hall	East wall built below grade; most of wall inaccessible due to personal items; register removed and efflorescence noted on block retaining wall; HVAC inspector indicated mold growth on coils in HVAC. Moisture: Inferred moisture intrusion through retaining wall (efflorescence observed)	Focused investigation recommended. Additional investigation recommended: remove personal items and perform exploratory cuts in east wall cavities; remove impacted drywall plus 2 feet if growth present; consult HVAC inspector to assess coil cleaning vs unit replacement; duct cleaning recommended.
Lower Bathroom	Moderate moisture readings (~19% - 20%) at base of east and south walls at SE corner (both walls below grade); unclear if moisture is intrusion through retaining wall or from nearby toilet leak. Moisture: Moderate (approximately 19% - 20%) at base of east and south walls	Remediation recommended. Remediation recommended: contain prior to removal; remove toilet; remove baseboards, drywall, and insulation from lower two feet (minimum) of east and south walls; treat exposed surfaces per general remediation guidelines.
Lower North Bedroom	Several concerns: elevated moisture readings (19% - 26%) on windowsill and base of wall below window; swollen baseboard and rotted wooden windowsill; rot around exterior of patio door; drip marks at top of west wall below drywall nails. Additional detail remains in the original source report.	Remediation recommended. Remediation recommended: contain prior to removal; remove carpet, pad, tack strips; remove baseboards, drywall, insulation from lower two feet minimum in specified walls/ceiling areas; treat exposed surfaces per guidelines.
Lower Center Bedroom	Bubbled paint on ceiling at SW corner; moisture readings low (<15%) at assessment but drywall soft indicating prolonged moisture exposure; baseboard separation at wall next to slider. Moisture: Low (<15%) at time of evaluation, but drywall soft indicating past/prolonged moisture exposure	Focused investigation recommended. Additional investigation recommended: exploratory cuts in ceiling at SW corner and base of wall next to slider; remove impacted drywall plus 2 feet if growth present and treat exposed surfaces per guidelines.
Lower South Bedroom	South wall partially below grade noted; moisture readings on exposed materials were low (<15%) at time of evaluation; no visual mold or high moisture observed.	No remediation recommended. No remediation recommended at this time based on on-site findings and sample results.

Laboratory Findings: Separate Evidence

Method / matrix	Area	Source-reported finding
AMEA air	Basement	Trichothecene Group: T2, HT2: 385.18 ppb/m ³ (Detect)
AMEA air	Primary Bedroom	Aflatoxin Total: B1, B2, G1, G2: 27.72 ppb/m ³ (Detect)
MESA surface	Primary Bedroom	Aflatoxin Total: B1, B2, G1, G2: 2.14 ppb (Detect)

LABORATORY BOUNDARY

These analytical findings apply to the identified sample matrices and events. The laboratory report does not supply a corrective-action conclusion or define remediation scope.

Environmental Professional Response Form

ASSIGNMENT

Use this page to obtain focused follow-up answers from the environmental professional or verifier. Do not repeat adequately documented work without a new reason.

Written Answers Requested

- ☐ What appears to be current?
- ☐ What appears to be historical only or already corrected?
- ☐ Was a moisture source, affected material, or relevant pathway identified?
- ☐ What requires correction?
- ☐ Is additional testing necessary, and exactly what decision will it change?
- ☐ How will completion be verified?
- ☐ What areas were inaccessible or not evaluated?

Proposed testing and question it answers

Estimated cost

Remediation Professional

Independent Verifier

Unresolved questions / inaccessible areas

Environmental Professional: A person who performs or oversees environmental inspection, assessment, sampling, remediation planning, or post-remediation verification. Qualifications and scope of practice may vary.

Location-by-Location Findings and Next Steps

ACTION BOUNDARY

The source professional's action conclusion controls the branch. Remediation recommendations, investigation recommendations, and no-remediation conclusions are kept separate. Laboratory results add context but do not independently define scope, health risk, or severity.

LOCATION MAPPING REQUIRES CONFIRMATION

Confirm whether 'Bathroom' in the later spore-trap report and 'Lower Bathroom' in the environmental assessment refer to the same physical area. Until confirmed, this report keeps them separate and does not merge their findings.

Area	What was documented	Why it matters	Next step
Family Room	Moderate moisture readings (~20%) at base of west wall right of slider; mold growth along bottom edge of baseboard and on sub-floor below carpet; mold growth on tack strip and subfloor in front of slider noted in photos. Additional detail remains in the original source report.	Presence of visible mold growth and elevated moisture readings indicate an abnormal mold condition likely due to prolonged or repetitive moisture exposure.	Confirm the current condition and affected extent where needed, then have a qualified professional prepare or review a written, location-specific remediation work plan or scope before bids or work begin.
Lower Bathroom	Moderate moisture readings (~19% - 20%) at base of east and south walls at SE corner (both walls below grade); unclear if moisture is intrusion through retaining wall or from nearby toilet leak. Additional detail remains in the original source report.	Elevated moisture readings in a below-grade area and detection of <i>Penicillium/Aspergillus</i> and <i>Stachybotrys</i> in air sample indicate abnormal mold conditions requiring remediation and moisture-source evaluation.	Confirm the current condition and affected extent where needed, then have a qualified professional prepare or review a written, location-specific remediation work plan or scope before bids or work begin.
Lower North Bedroom	Several concerns: elevated moisture readings (19% - 26%) on windowsill and base of wall below window; swollen baseboard and rotted wooden windowsill; rot around exterior of patio door; drip marks at top of west wall below drywall nails. Additional detail remains in the original source report.	Visible rot, swollen baseboard, elevated moisture readings, and air sample showing <i>Chaetomium</i> , <i>Penicillium/Aspergillus</i> , and <i>Stachybotrys</i> indicate prolonged moisture exposure and abnormal mold condition.	Confirm the current condition and affected extent where needed, then have a qualified professional prepare or review a written, location-specific remediation work plan or scope before bids or work begin.
Lower Center Bedroom	Bubbled paint on ceiling at SW corner; moisture readings low (<15%) at assessment but drywall soft indicating prolonged moisture exposure; baseboard separation at wall next to slider. Additional detail remains in the original source report.	Soft drywall and bubbled paint suggest historic or concealed moisture damage despite low surface readings; low-level <i>Stachybotrys</i> in air sample may reflect localized source or cross-contamination.	Complete the source-recommended focused investigation first; define corrective scope only for conditions the investigation confirms.
Lower Hall	East wall built below grade; most of wall inaccessible due to personal items; register removed and efflorescence noted on block retaining wall; HVAC inspector indicated mold growth on coils in HVAC. Additional detail remains in the original source report.	Efflorescence on retaining wall and reported HVAC coil mold suggest possible moisture intrusion and potential HVAC contamination.	Complete the source-recommended focused investigation first; define corrective scope only for conditions the investigation confirms.
Basement	AMEA air - Trichothecene Group: T2,HT2: 385.18 ppb/m ³ (Detect); Source direction: Laboratory report documents a result but does not state a corrective-action conclusion.	The laboratory result identifies a location-specific question but does not establish the physical source, affected extent, corrective action, or scope.	The record documents a condition or laboratory result but does not state a corrective-action conclusion. Have a qualified environmental professional evaluate the current physical source and context before defining corrective work or additional testing.

Area	What was documented	Why it matters	Next step
Bathroom	Stachybotrys/Memnoniella: Sample Concentration 40; Background: None Detected; Background Corrected: 40; Source direction: Laboratory report documents a result but does not state a corrective-action conclusion.	The laboratory result identifies a location-specific question but does not establish the physical source, affected extent, corrective action, or scope.	The record documents a condition or laboratory result but does not state a corrective-action conclusion. Have a qualified environmental professional evaluate the current physical source and context before defining corrective work or additional testing.
Primary Bedroom	AMEA air - Aflatoxin Total: B1, B2, G1, G2: 27.72 ppb/m ³ (Detect); MESA surface - Aflatoxin Total: B1, B2, G1, G2: 2.14 ppb (Detect); Source direction: Laboratory report documents a result but does not state a corrective-action conclusion.	The laboratory result identifies a location-specific question but does not establish the physical source, affected extent, corrective action, or scope.	The record documents a condition or laboratory result but does not state a corrective-action conclusion. Have a qualified environmental professional evaluate the current physical source and context before defining corrective work or additional testing.

Reviewed Locations Not Classified as Remediation Priorities

NO-REMEDICATION BOUNDARY

These locations are shown so the source conclusion is not lost. They are not remediation priorities unless a qualified professional reconciles genuinely conflicting or newer physical evidence.

Area	What was documented	Source conclusion	When to revisit
Lower South Bedroom	South wall partially below grade noted; moisture readings on exposed materials were low (<15%) at time of evaluation; no visual mold or high moisture observed. Moisture: Low (<15%) at time of evaluation	No remediation recommended at this time based on on-site findings and sample results.	Preserve the source no-remediation conclusion. Do not create a scope from a laboratory result alone; seek current-condition confirmation or professional reconciliation only if newer observations or a genuine conflict warrants it.

SAMPLING EVENT BOUNDARY

AMEA air findings apply to the one-hour breathing-zone sampling event. MESA findings apply to the sampled surface matrix. They do not establish that the same conditions remain present today, and AMEA air and MESA surface results are not numerically comparable.

After the Environmental Professional Evaluation: What Happens Next?

The next decision depends on what the environmental professional actually finds. The outcomes below are alternatives, not sequential steps.

OUTCOME A: EARLIER CONCERN APPEARS ADEQUATELY ADDRESSED

Match the original location and concern with the corrective scope and verification evidence. Do not repeat adequately documented work without a new reason.

OUTCOME B: A CURRENT SOURCE OR CREDIBLE PATHWAY IS IDENTIFIED

Document the moisture mechanism, affected material, location, and supporting evidence. Define and complete the corrective scope, then establish how completion will be verified.

OUTCOME C: NO CURRENT SOURCE IS IDENTIFIED DURING THE EVALUATION

This does not establish that no source exists. Document what was evaluated, what was inaccessible, and what remains uncertain. Do not default to broad testing or demolition; consider targeted testing only if it will change a decision.

IF CORRECTIVE WORK OCCURS: VERIFY COMPLETION

Apply the written verification plan. Failed or inconclusive findings return the case to focused evaluation; they do not automatically justify broader work.

MEDICAL TRACK REMAINS SEPARATE

A healthcare professional interprets symptoms and clinical tests. Symptoms or symptom improvement are not environmental verification criteria.

When Additional Testing May Help

Unanswered question	Possible method	What decision could it change?
Are selected targeted mycotoxins present in sampled breathing-zone air at a defined occupied location or suspected pathway?	AMEA air sampling	A Detect means one or more targeted airborne mycotoxins were present above the reporting threshold in collected breathing-zone air during that event. It may support focused source and pathway evaluation at that location; it does not identify the source, establish a health effect, or automatically require remediation. If AMEA is later considered for verification, the independent verifier decides whether it answers a defined question and documents any alternative evidence or limitation.
What fungal structures are present in selected air locations during a defined short sampling event?	Targeted spore-trap air sampling	Results may identify a location-specific fungal pattern and support further inspection or a defined verification question. The independent verifier may select repeat sampling or other documented evidence; if the original method is not repeated, the closeout should state why and identify the resulting limitation.
Is a specific surface, material, or concealed area affected, and would the result change the source or corrective decision?	MESA or other targeted surface, material, or cavity evaluation	The result may inform whether the defined material or area should be included in source control, cleaning, removal, or verification. The independent verifier chooses the evidence that best answers the defined question and documents why MESA was or was not selected and any resulting limitation.
Does the HVAC system contain a moisture condition, affected material, reservoir, or plausible transport pathway?	HVAC-focused assessment	Findings may identify repair, cleaning, replacement, pathway-control, or verification needs.
Did corrective action meet the original environmental objective and the selected visual, moisture, biological, chemical, contents, and HVAC endpoints?	Question-specific resolution verification	Documents whether each defined verification question was met, not met, or remains inconclusive. The closeout should identify the evidence selected by the independent verifier and explain any limitation when an original method is not repeated.

What Has and Has Not Been Verified

EVIDENCE STATUS

This is evidence status as of the report date, not a health risk, safety, or severity rating.

Concern	Current record status	What remains to be confirmed
Family Room	Remediation recommended; detailed written scope not demonstrated	Confirm current condition/extent where needed, then obtain a location-specific scope and verification criteria.
Lower Bathroom	Remediation recommended; detailed written scope not demonstrated	Confirm current condition/extent where needed, then obtain a location-specific scope and verification criteria.
Lower North Bedroom	Remediation recommended; detailed written scope not demonstrated	Confirm current condition/extent where needed, then obtain a location-specific scope and verification criteria.
Lower Center Bedroom	Focused investigation recommended; corrective scope not yet established	Complete the defined investigation and scope only confirmed conditions.
Lower Hall	Focused investigation recommended; corrective scope not yet established	Complete the defined investigation and scope only confirmed conditions.
Basement	Laboratory condition documented; current source and corrective status are not demonstrated	Evaluate current physical conditions and the source question before defining corrective work or additional testing.
Bathroom	Laboratory condition documented; current source and corrective status are not demonstrated	Evaluate current physical conditions and the source question before defining corrective work or additional testing.
Primary Bedroom	Laboratory condition documented; current source and corrective status are not demonstrated	Evaluate current physical conditions and the source question before defining corrective work or additional testing.
Lower South Bedroom	Source states remediation is not recommended	Preserve the source conclusion unless genuinely conflicting newer physical evidence requires professional reconciliation.

What Resolution Should Look Like

☐	The moisture cause was identified and corrected where supported by the investigation.
☐	Affected building materials and relevant pathways were addressed within the defined scope.
☐	HVAC, belongings, and settled dust were evaluated when observations supported concern.
☐	The agreed corrective scope was completed.
☐	The written verification plan was followed.
☐	Failed or inconclusive findings were addressed.
☐	The homeowner received written closeout identifying what was completed, verified, excluded, and still uncertain.

ENVIRONMENTAL CLOSURE BOUNDARY

Environmental closure means the defined scope met the agreed project-specific acceptance criteria and any warranted corrective work was completed. It is not medical clearance, an occupancy determination, proof of zero mold or mycotoxins, or a whole-property conclusion.

Verification Framework for Professional Judgment

PROFESSIONAL VERIFICATION DECISION

The independent verifier should determine which original concerns require analytical rechecking and which may be resolved using other documented evidence. Repeat sampling only when it is included in the written verification plan and answers a defined verification question. If an original method is not repeated, the closeout should document the reason, the resulting limitation, and the alternative evidence used.

AMEA GUIDE BASIS

AMEA results do not independently determine whether remediation is required or whether a project is complete. If AMEA is selected in the written verification plan to answer a defined question, appropriately timed repeat AMEA may evaluate whether the targeted airborne mycotoxins remain detectable at that location. Interpret any result with inspection findings, moisture correction, completed scope, contractor PRE, and the other verification evidence selected by the independent verifier.

MATCHED-METHOD PRINCIPLE

When analytical rechecking is selected, using the same method, matrix, target analytes or reported organism categories, and the original location or a representative location defined in the written plan generally provides the clearest comparison. This is a preferred traceability approach, not a universal requirement to repeat every test. The independent verifier may select another documented method or non-analytical evidence when it better answers the verification question.

Potential Verification Methods for Professional Consideration

Original documented concern	Potential verification method	Professional judgment / limitation boundary
Spore-trap air finding	Consider appropriately timed repeat spore-trap air sampling at the prior affected location or a representative location identified in the written plan when air sampling is selected to answer a defined verification question. Use the same air matrix and reported organism categories under reasonably comparable building and HVAC conditions when practicable.	Complete source and moisture correction, the defined scope, cleaning, contractor PRE, and stabilization first. If the spore-trap method is not repeated, document why, the limitation, and the alternative inspection, moisture, material, or analytical evidence used.
AMEA air Detect	Consider appropriately timed repeat AMEA at a prior Detect location or a representative location identified in the written plan when AMEA is selected as a verification endpoint. Use the same air matrix and targeted analytes under reasonably comparable conditions when practicable. Document the location, sampler placement, duration, pre-sampling activity, HVAC and opening status, recent cleaning or activity, and applicable reporting threshold.	A Non-Detect addresses only the selected AMEA analytical endpoint. It does not independently establish property safety or whole-project completion. A follow-up Detect leaves that endpoint unresolved and prompts focused review of the source, scope, sampling conditions, and other verification evidence. If AMEA is not repeated, document why, the limitation, and the alternative evidence used.
MESA surface Detect	Consider appropriately timed repeat MESA on the corrected surface or a representative surface identified in the written plan when MESA is selected as a verification endpoint. Use the same surface matrix and targeted analytes when practicable.	A follow-up result addresses only the selected MESA surface endpoint. If MESA is not repeated, document why, the limitation, and the alternative visual, material, cleaning, or analytical evidence used. Other surface methods do not automatically substitute for MESA unless the verifier explains how they answer the defined verification question.
Other environmental or clinical records	Consider repeating another environmental method only when it answers a defined verification question and is included in the written verification plan.	Clinical specimen testing and accumulated-dust testing are not automatically repeated as property-clearance tests. The closeout should identify what was verified, what was not repeated, and what remains uncertain.

Part III: Supporting Detail

PURPOSE

The following pages preserve the evidence logic used to support the homeowner decision summary and professional handoff. The original source reports remain authoritative.

Evidence Timeline

Date	Event or report	Source
March 20, 2018	MOISTURE & MOLD ASSESSMENT SAMPLE REPORT	Verified source report
July 23, 2020	Mold Spore Trap Sample Report - Version 1	Verified source report
July 10, 2023	Mycotoxin Panel	Verified source report
January 26, 2026	MYCOTOXIN ENVIRONMENTAL ANALYSIS (AMEA)	Verified source report

Exposure Alignment

Category	Current finding	Question represented
Building/source evidence	Historical building/source assessment provided; current status not established	What moisture mechanisms, affected materials, or source conditions were documented, and what requires current status confirmation?
Airborne evidence	Defined sampling events are documented at the sampled locations; current status is not established	Were material findings reported in sampled air during a defined event?
Dust evidence	Not included	What accumulated in household dust over time?
Location comparison	A location-by-location reviewer comparison is required	Do the reports use the same location names, and do they address the same physical areas or pathways?
Timing comparison	The records describe different dates; current conditions must be confirmed where a decision depends on present status	Do report dates, building events, remediation, and occupancy patterns refer to the same period?
Verification	Not provided or incomplete	Was the original defined concern evaluated after corrective action using the agreed criteria?

EXPOSURE ROUTES

Mycotoxins may be encountered through ingestion, inhalation, or skin contact. A urine, blood, or serum result does not by itself identify the environmental source or route. When the question is whether the property may be contributing through indoor air, the property and airborne pathway must be evaluated directly.

AMEA Air Supporting Detail

Respirare Labs AMEA

Laboratory / Provider	Respirare Labs	Collection / Assessment Date	January 26, 2026
Report Date	January 30, 2026	Domain / Specimen	Air / Surface

Location	Target	Result	Classification	Source threshold
Basement	Aflatoxin Total: B1, B2, G1, G2	<16.66 ppb/m ³ - Non-Detect ppb/m ³	Non-Detect	16.66 ppb/m ³
Basement	Ochratoxin A	<10.00 ppb/m ³ - Non-Detect ppb/m ³	Non-Detect	10.00 ppb/m ³
Basement	Trichothecene Group: T2,HT2	385.18 ppb/m ³	Detect	333.20 ppb/m ³
Basement	DON/Vomitoxin	<400.00 ppb/m ³ - Non-Detect ppb/m ³	Non-Detect	400.00 ppb/m ³
Basement	Fumonisin	<7500.00 ppb/m ³ - Non-Detect ppb/m ³	Non-Detect	7500.00 ppb/m ³
Basement	Zearalenone	<100.00 ppb/m ³ - Non-Detect ppb/m ³	Non-Detect	100.00 ppb/m ³
Primary Bedroom	Aflatoxin Total: B1, B2, G1, G2	27.72 ppb/m ³	Detect	16.66 ppb/m ³
Primary Bedroom	Ochratoxin A	<10.00 ppb/m ³ - Non-Detect ppb/m ³	Non-Detect	10.00 ppb/m ³
Primary Bedroom	Trichothecene Group: T2,HT2	<333.200 ppb/m ³ - Non-Detect ppb/m ³	Non-Detect	333.20 ppb/m ³
Primary Bedroom	DON/Vomitoxin	<400.00 ppb/m ³ - Non-Detect ppb/m ³	Non-Detect	400.00 ppb/m ³
Primary Bedroom	Fumonisin	<7500.00 ppb/m ³ - Non-Detect ppb/m ³	Non-Detect	7500.00 ppb/m ³
Primary Bedroom	Zearalenone	<100.00 ppb/m ³ - Non-Detect ppb/m ³	Non-Detect	100.00 ppb/m ³

METHOD BOUNDARY

AMEA applies only to the documented one-hour breathing-zone air sampling event. Detect is an analytical classification, not a health-based safety or occupancy standard.

MESA Surface Supporting Detail

Respirare Labs AMEA

Laboratory / Provider	Respirare Labs	Collection / Assessment Date	January 26, 2026
Report Date	January 30, 2026	Domain / Specimen	Air / Surface

Location	Target	Result	Classification	Source threshold
Primary Bedroom	Aflatoxin Total: B1, B2, G1, G2	2.14 ppb	Detect	2.00 ppb
Primary Bedroom	Ochratoxin A	<1.20 ppb - Non-Detect ppb	Non-Detect	1.22 ppb
Primary Bedroom	Trichothecene Group: T2,HT2	<40.00 ppb - Non-Detect ppb	Non-Detect	40.00 ppb
Primary Bedroom	DON/Vomitoxin	<1.60 ppb - Non-Detect ppb	Non-Detect	1.60 ppb
Primary Bedroom	Fumonisin	<30.00 ppb - Non-Detect ppb	Non-Detect	30.00 ppb
Primary Bedroom	Zearalenone	<2.00 ppb - Non-Detect ppb	Non-Detect	2.00 ppb

METHOD BOUNDARY

MESA applies only to the sampled surface matrix. A surface Detect does not establish airborne exposure, whole-room extent, health risk, or property safety.

Building and Moisture Assessment Supporting Detail

Moisture and Mold Assessment

Laboratory / Provider	Hovey Environmental LLC; EM Lab P&K (laboratory)	Collection / Assessment Date	March 20, 2018
Report Date	March 20, 2018	Domain / Specimen	Building / Air / Surface

Summary element	Report-specific detail
What was found	Family Room: Moderate moisture readings (~20%) at base of west wall right of slider; mold growth along bottom edge of baseboard and on sub-floor below carpet; mold growth on tack strip and subfloor in front of slider noted in photos. Moisture: Moderate (~20%) at base of west wall; Lower Hall: East wall built below grade; most of wall inaccessible due to personal items; register removed and efflorescence noted on block retaining wall; HVAC inspector indicated mold growth on coils in HVAC. Moisture: Inferred moisture intrusion through retaining wall (efflorescence observed); Lower Bathroom: Moderate moisture readings (~19% - 20%) at base of east and south walls at SE corner (both walls below grade); unclear if moisture is intrusion through retaining wall or from nearby toilet leak. Additional detail remains in the original source report.
Source conclusion(s)	Remediation recommended, Focused investigation recommended, No remediation recommended
Scope status	General recommendations only; detailed scope not demonstrated
Why it matters	Documented moisture, visible growth, deteriorated materials, abnormal airborne findings, or inaccessible suspect areas warrant attention because they may represent active or unresolved building conditions and may affect adjacent spaces or air pathways.
Pathway / domain	Building/source context; pathway conclusions depend on observed conditions and methods.
When / where	Provider: Hovey Environmental LLC; EM Lab P&K (laboratory); Collection: March 20, 2018; Report shown: March 20, 2018; Locations/specimen: Outside, Family Room (swab), Lower Hall, Lower Bathroom, Lower North Bedroom, Lower Center Bedroom, Lower South Bedroom.
What remains limited	Conditions in inaccessible areas or conclusions outside the assessment scope.
Next step	Confirm current conditions and affected extent where needed, then have a qualified professional prepare or review a written, location-specific remediation work plan or scope with completion and verification criteria before work.

Spore-Trap Supporting Detail

Mold Spore Trap

Laboratory / Provider	EMSL Analytical, Inc.	Collection / Assessment Date	July 23, 2020
Report Date	August 4, 2020	Domain / Specimen	Air

Summary element	Report-specific detail
What was found	Livingroom: Sample Concentration 260; Background 920; Background Corrected: Less than Background; Bathroom: Sample Concentration 480; Background 920; Background Corrected: Less than Background; exterior comparison: Sample Concentration 920; Background: N/A. Location-specific findings included Bathroom Stachybotrys/Memnoniella: Sample Concentration 40; Background: None Detected; Background Corrected: 40.
Why it matters	The Bathroom finding warrants attention because it may reflect a localized moisture-affected material, concealed reservoir, ventilation condition, plumbing or exterior-water issue, or movement from an adjacent area. The finding does not prove active growth, but it supports a focused moisture and source evaluation.
Pathway / domain	Short-duration sampled-air evidence.
When / where	Provider: EMSL Analytical, Inc.; Collection: July 23, 2020; Report shown: August 4, 2020; Locations/specimen: Livingroom, Bathroom, Exterior.
What remains limited	The source, hidden extent, long-term conditions, mycotoxins, or unsampled-room conditions.
Next step	Evaluate Bathroom moisture history and current moisture, plumbing or exterior interfaces where relevant, ventilation, flooring, wall or cabinet cavities, and adjacent materials. Use additional sampling only if the inspection leaves a defined biological or chemical question unanswered.

Clinical Context Supporting Detail

Urine Mycotoxin or Metabolite Panel

Laboratory / Provider	RealTime Laboratories, LLC.	Collection / Assessment Date	July 10, 2023
Report Date	Not stated	Domain / Specimen	Clinical context

Summary element	Report-specific detail
What was found	The source report presents selected analytes or metabolites measured in a urine specimen. Reported findings included Ochratoxin A: 6.605 ppb; Aflatoxin group: 0.632 ppb; Macrocyclic trichothecenes: 0.252 ppb; Gliotoxin derivative: 1.597 ppb; Zearalenone: 1.763 ppb.
Why it matters	The clinical finding may be relevant to the treating clinician, but it does not prove that the home or inhalation caused the result. Environmental questions must be evaluated independently from the clinical specimen.
Pathway / domain	Clinical context only; does not identify an environmental route.
When / where	Provider: RealTime Laboratories, LLC.; Collection: July 10, 2023; Locations/specimen: Urine specimen.
What remains limited	The property, environmental source, pathway, timing of environmental exposure, diagnosis, or medical causation.
Next step	Review the findings with the treating healthcare provider. A clinical finding alone does not justify environmental testing. Select an environmental method only to answer a defined building or source question and only when the possible results would change the decision.

CLINICAL INTERPRETATION BOUNDARY

Clinical testing is included only to document clinical context. It is not used by this environmental report to identify the property, environmental source, route, dose, timing, diagnosis, treatment, or medical causation.

Methods, Source Records, and Document Control

Methods and Units

Term	Controlled definition
AMEA	Airborne Mycotoxin Environmental Analysis. One-hour breathing-zone air sampling; Respirare-defined air result reported in ppb/m ³ .
MESA	Mycotoxin Environmental Surface Analysis. Surface-matrix result reported in ppb; not numerically comparable with AMEA air results.
counts/m ³	Source-reported airborne concentration unit for spore-trap categories during the sampling event.
Detect / Non-Detect	Analytical classification against the source-report threshold for the sample and event; not a health-based exposure or property-safety standard.
PRE	Post-remediation evaluation documented by the remediation professional as the contractor's internal evaluation of completed work within the defined scope.
PRV	Independent post-remediation verification by a qualified third-party, when required, requested, or warranted, against the written scope and pre-agreed project-specific acceptance criteria.

STANDARDS USE BOUNDARY

This report was evaluated for documented alignment with selected process elements of ANSI/IICRC S500-2021 and S520-2024. This is not an IICRC certification, endorsement, or universal compliance determination. AMEA interpretation follows the Respirare Labs Results Guide as method-specific guidance; the guide is not an ANSI/IICRC exposure, health, safety, or remediation standard.

Source Record Details

Report	Provider	Method / type	Date
Respirare Labs AMEA	Respirare Labs	AMEA	Sample: January 26, 2026; Report shown: January 30, 2026
Mold Spore Trap	EMSL Analytical, Inc.	Spore Trap	Sample: July 23, 2020; Report shown: August 4, 2020; Received: August 4, 2020
Urine Mycotoxin or Metabolite Panel	RealTime Laboratories, LLC.	Clinical Mycotoxin	Sample: July 10, 2023
Moisture and Mold Assessment	Hovey Environmental LLC; EM Lab P&K (laboratory)	Environmental Assessment	Sample: March 20, 2018; Report shown: March 20, 2018; Received: March 20, 2018

Document Control

Field	Status
Report version	EFC-DEMO-CURRENT
Document revision	Public demonstration - current report format
Report template	EFC-GOLDEN-REPORT v1.8.8
Prepared by	Respirare Labs
Prepared for review by	Respirare Labs human review team
Release status	Public demonstration sample
Open release-hold items	0
Review advisories	0
Hyphenation style	Automatic Word line hyphenation is disabled. Standard compound-word hyphens are retained. Em dashes and en dashes are not used as sentence punctuation.
Scope	Evidence organization only; source reports remain authoritative.

PUBLIC SAMPLE AND SCOPE NOTICE

This sanitized report demonstrates the current Exposure Framework layout and evidence organization. Original source reports remain authoritative. The report does not replace environmental-professional evaluation or medical judgment.