



TTI ENVIRONMENTAL, INC.

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TTI Project No. PRJ1432
March 16, 2026

HAZARDOUS MATERIALS BUILDING SURVEY REPORT

(Mt. Holly Armory Latrine Alterations Project)

Prepared by:

Richard C. Clayton
Technical Administrator

SITE LOCATION:

Mt. Holly Armory

1670 NJ-38

Mt. Holly, New Jersey 08060

CONDUCTED ON:

March 2, 2026

Reviewed by:

Brian Clark
Senior Project Manager

PREPARED FOR:

Tokarski Millemann Architects

1729 Route 35

Wall, NJ 07719





TABLE OF CONTENTS

1.0	INTRODUCTION	3
2.0	SURVEY INFORMATION	4
2.1	Asbestos Containing Building Materials (ACBM)	4
2.2	Lead Based Paint (LBP)	5
2.3	Indoor Air Quality (IAQ)	5
2.4	Universal Waste	5
3.0	Conclusions and Recommendations	6

LIST OF TABLES

1.0	List of ACBM Identified
2.0	Non-Asbestos Containing Materials Identified
3.0	Lead-Based Paint Positive Results Summary
4.0	Universal Waste Material Summary

LIST OF APPENDICES

APPENDIX A: GENERAL INFORMATION AND DEFINITIONS
APPENDIX B: ASBESTOS SAMPLING DATA AND RESULTS
APPENDIX C: X-RAY FLUORESCENCE (XRF) LEAD BASED PAINT TESTING RESULTS
APPENDIX D: MOLD AIR SAMPLING DATA AND RESULTS
APPENDIX E: SITE PHOTOGRAPHS



1.0 INTRODUCTION

TTI Environmental, Inc. (TTI) was requested by the Tokarski Millemann Architects to conduct an Asbestos Containing Building Material (ACBM), Lead-Based Paint (LBP), Indoor Air Quality (IAQ) and Universal Waste survey of the latrine areas of the Mt. Holly Armory located at 1670 NJ-38 in Mt. Holly, NJ. The inspection was performed to identify potential environmental conditions that may require remediation and or segregation of building materials for the proposed latrine renovations in the armory.

The work performed as part of this project was completed to meet the following objectives:

- Identify, sample and quantify regulated ACBM (friable or non-friable) at the site that will be directly impacted, or has the potential to be impacted, during the proposed latrine renovation activities.
- Identify LBP surfaces at the site that will be directly impacted, or have the potential to be impacted, during the proposed latrine renovation activities.
- Identify Indoor Air Quality (IAQ) issues at the site that will be directly impacted, or have the potential to be impacted, during the proposed latrine renovation activities.
- Inventory universal waste that should be removed and properly disposed of prior to initiating latrine renovation activities.



2.0 SURVEY INFORMATION

2.1 Asbestos Containing Building Materials (ACBM)

TTI performed an asbestos NESHAP (National Emissions Standard for Hazardous Air Pollutants) inspection and sampling of the latrine renovation areas of the Armory. Environmental Protection Agency (EPA) certified asbestos building inspector Brian Clark, number ACC-0225-6-025 conducted the NESHAP inspection using industry-standard and EPA protocols for sampling methods. All sampled materials were analyzed using PLM (Polarized Light Microscopy) and TEM (Transmission Electron Microscopy) analysis of the non-friable material following the negative analysis results under PLM. The US Environmental Protection Agency (EPA) defines ACBM as those materials that contain greater than 1% asbestos. Laboratory analysis of the suspect materials revealed that the materials sampled and summarized in **Table 1.0** have an asbestos content of greater than one percent (1%) or have been assumed to contain asbestos. A complete summary of the asbestos sampling data and results can be found in **Appendix B**.

Table 1.0: List of ACBM Identified				
Location	Material	Estimated Quantity	% Asbestos	
Men's and Ladies' Bathrooms	Plaster Ceiling	600 SF	2%	Chrysotile
In Latrine Walls and above Plaster Ceiling	In Latrine Walls and above	~300 LF	Assumed to contain asbestos	

TTI performed limited destructive sampling as the building is still occupied. Note that there is a potential that concealed materials (such as additional, piping runs, mastics, floor tiles, etc.) may be present in spaces not directly assessed at the time of our investigation due to both occupant restrictions and the inability to damage materials for access. The client should be aware that there is a possibility of these additional materials existing and this may increase any cost estimate fees significantly as it relates to any additional testing, removal and disposal at the time of renovation.

The suspect ACBM listed in **Table 2.0** below were sampled and found to contain less than one percent (1%) asbestos.

Table 2.0: Non-Asbestos Containing Materials Identified	
Block Mortar – Men's and Ladies' Bathrooms	Tile Floor Core including mortar and grout – Men's and Ladies' Bathrooms

TTI recommends that all identified ACBM that will be directly impacted during the course of the proposed renovation activities be properly removed and disposed of as asbestos containing waste. Any required abatement activities shall be conducted according to all applicable local, state and federal regulations and be performed by a New Jersey certified and licensed asbestos abatement contractor.



2.2 Lead Based Paint (LBP)

TTI performed a lead paint XRF screening of the interior painted surfaces in the latrine renovation areas to identify lead painted building components. Brian Clark, NJ Certified Lead Paint Inspector/Risk Assessor (Permit no. 042125) conducted the lead-paint screening utilizing the Sci- Aps X550 portable XRF. None of the building components tested at the facility yielded lead concentrations that were greater than or equal to 1.0 mg/cm² see **Table 3.0**. A complete summary of all suspect LBP components tested can be found in **Appendix C**.

Table 3.0: Lead-Based Paint Positive Results Summary				
Location	Structure/Feature	Substrate	Color	Lead Reading (mg/cm ²)
None of the building components tested at the facility yielded lead concentrations greater than or equal to 1.0 mg/cm ² .				

2.3 Indoor Air Quality (IAQ)

TTI performed a visual inspection for Indoor Air Quality (IAQ) issues in the latrine renovation areas. The inspection for IAQ issues involved observing accessible areas for conditions that may negatively impact air quality. This included checking for visible mold or mildew, signs of water intrusion, dust accumulation on surfaces or HVAC components, blocked ventilation pathways, and any noticeable odors that could indicate microbial growth or chemical off gassing. The purpose of this inspection was to identify obvious concerns and determine if further testing or remediation is warranted.

Based on the observations conducted during this assessment, the Men's and Woman's latrines have low spore counts and do not indicate any mold issues at this time. A complete summary of the mold air sampling data and results can be found in **Appendix D**.

During the visual inspection no water damage or staining was noted on any components of the Men's or Woman's latrine.

2.4 Universal Waste

As part of the walkthrough inspection of the structure, TTI also gathered information to inventory Universal Waste items.

The following potential universal waste materials and potential environmental concerns were identified and summarized in **Table 4.0**.

Table 4.0: Universal Waste Material Summary		
Location	Material	Quantity
Mt. Holly Armory Latrine Areas	PCB Containing Light Ballasts	10
	Fluorescent Light Bulbs	20



3.0 Conclusions and Recommendations

TTI conducted the hazardous material building survey to identify potential environmental conditions that may require remediation and/or segregation of building materials for the proposed renovation of the subject building.

The asbestos survey of the latrine renovation areas identified building materials which will require abatement prior to the renovation.

The interior lead paint survey did not identify any lead containing painted substrates in the latrine renovation area.

Based on the observations conducted during this assessment, no further investigation is necessary to determine the water intrusion issues.

The inspection identified 10 dry type electrical transformers and 20 fluorescent light bulbs. The universal waste fluorescent light bulbs and associated transformers should be removed/consolidated for proper waste disposal.



Appendix A: General Information and Definitions



1.0 ASBESTOS

1.1 General Information and Definitions

The inspection was conducted in accordance with the guidelines established by the Asbestos Hazard Emergency Response Act (AHERA), as set forth in 40 CFR Part 763 of October 30, 1987, which provides a framework for addressing asbestos in public and private schools. The AHERA guidelines represent the most up-to-date inspection and sampling protocol available, and as such, were utilized while inspecting and sampling this building.

The USEPA defines "Homogeneous Areas" as those areas of surfacing, thermal system insulation, or miscellaneous materials, which are uniform in color, texture, and assumed to be installed at the same time. The suspected ACBM has been categorized into homogeneous areas. This assigned ID number can be used for cross-referencing between each section of the report.

The USEPA requires that bulk samples of suspect ACBM be collected in a manner sufficient to determine whether this material is ACBM. ACBM is any building material, which contains more than 1% asbestos. Generally, for thermal system areas, three (3) bulk samples randomly taken are required to determine that suspected material is not ACBM. Suspect surfacing materials sprayed or troweled-on may require up to nine (9) bulk samples, depending on area size, to determine whether the material is ACBM.

Samples were taken in sufficient quantity in each Homogeneous Area to reliably determine the presence of asbestos. Analysis of samples collected in conjunction with this report was conducted by the EPA 600/R-93/116 method.

Please note that destructive or exploratory sampling methods were not employed during the survey. In addition, access was limited to certain areas; therefore, TTI made a prudent effort to identify all accessible ACBM included inspection areas within the building.

All accessible materials are assessed and bulk sampled and therefore included within this inspection report. Voids above ceilings, behind walls, and beneath floors were not assessed. Therefore, any concealed materials were not bulk sampled. Due to these conditions, a qualified person should continuously oversee all future renovation or renovation activities once they commence. During future renovation or renovation procedures, if suspicious material is exposed that was previously inaccessible, then all activities in that area of the building shall immediately stop.

1.1.1 Drywall/Wallboard and Joint Compound

To comply with the OSHA asbestos regulation, which requires each individual layer of material be analyzed, wall board and joint compound are analyzed as separate materials. When analyzed as a separate material, if either of these materials is greater than 1% asbestos, OSHA requires the removal of this material to be class II asbestos work. As such, all work that impacts the wall board systems would be abated according to the OSHA asbestos standard. All workers performing the work will have the proper OSHA required training and protective equipment. All work will be performed by complying with the work practices and controls designated by the OSHA asbestos standard.

According to NESHAPS, if joint compound is used only at the joints and nail holes, the material is considered part of a wall board system and a composite sample may be taken. The composite samples of the sheetrock and joint compound may result in material containing less than 1% asbestos. As such, this material is not considered an ACBM under NESHAPS regulations.



2.0 LEAD-BASED PAINT

2.1 General Information and Definitions

A visual inspection of painted surfaces was performed, and testing of painted surfaces within the designated inspection area was conducted using a portable X-Ray Fluorescence spectrum analyzer (XRF). All testing combinations identified within each functional space of the building were assessed and tested. The condition of all painted surfaces was then documented. In addition, concrete floors, walls, and/or ceilings were tested in case the concrete is to be recycled after renovation.

The XRF used in this inspection was the SciApps X-550 Pb analyzer. The SciApps X-550 Pb analyzer is a spectrum analyzer that provides an on-site lead concentration of a painted surface in milligrams per square centimeter of painted surface (mg/cm^2).

The XRF provides the measured lead concentration in weight of lead per unit area. Calibration checks of the XRF were frequently conducted. No paint chip sampling or laboratory analysis was performed as part of the sampling activities. Interior sides of the rooms are identified upon the location of the street relative to the facility. Side A faces the street and goes clockwise to Side D.

The HUD Guidelines define LBP, when analyzed by a portable XRF, as paint with a lead concentration of greater than or equal to $1.0 \text{ mg}/\text{cm}^2$. It should be noted, however, that Occupational Safety and Health Administration (OSHA) regulations apply to any detectable concentrations of lead in paint.

3.0 Indoor Air Quality (IAQ)

3.1 General Information and Definitions

Indoor Air Quality refers to the condition of the air inside a building as it relates to the health and comfort of occupants. IAQ can be affected by pollutants such as mold, dust, volatile organic compounds (VOCs), and inadequate ventilation.

A visual IAQ inspection is a non-invasive assessment that involves observing accessible areas for conditions that may negatively impact air quality. This includes checking for visible mold or mildew, signs of water intrusion, dust accumulation, blocked ventilation pathways, and noticeable odors that could indicate microbial growth or chemical off gassing.

Mold is a type of fungus that grows in damp or humid environments and reproduces through microscopic spores. It can develop on building materials such as drywall, wood, and insulation when moisture is present. Mold growth indoors may affect air quality and pose health risks, particularly for individuals with allergies, asthma or compromised immune systems.

4.0 UNIVERSAL WASTE

4.1 General Information and Definitions

A walk-through reconnaissance of the structures was conducted to identify and inventory potential hazardous materials or materials that have special disposal requirements that should be removed prior to renovation. These materials include, but are not limited to, hazardous waste batteries, PCB-containing devices, light ballasts and transformers, and mercury-containing equipment/ devices.



Polychlorinated biphenyls (PCBs) belong to a broad family of man-made organic chemicals known as chlorinated hydrocarbons. PCBs were domestically manufactured from 1929 until their manufacture was banned in 1979. They have a range of toxicity and vary in consistency from thin, light-colored liquids to yellow or black waxy solids. Due to their non-flammability, chemical stability, high boiling point, and electrical insulating properties, PCBs were used in hundreds of industrial and commercial applications including electrical, heat transfer, and hydraulic equipment; as plasticizers in paints, plastics, and rubber products; in pigments, dyes, and carbonless copy paper; and many other industrial applications.

Mercury-containing equipment consists of devices, items, or articles (excluding batteries and lamps) that contain varying amounts of elemental mercury that is integral to their functions. Some commonly recognized devices are thermostats, barometers, manometers, temperature and pressure gauges, and mercury switches, such as light switches in automobiles.



Appendix B: Asbestos Sampling Data and Results



EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077
Phone/Fax: (800) 220-3675 / (856) 786-5974
<http://www.EMSL.com> / cinnasblab@EMSL.com

EMSL Order ID: 042603658
Customer ID: TTIE54
Customer PO: PO2908
Project ID:

Attn: Brian Clark
TTI Environmental Inc.
1253 North Church Street
Moorestown, NJ 08057

Phone: (856) 840-8800
Fax: (856) 840-8815
Collected: 3/ 2/2026
Received: 3/02/2026
Analyzed: 3/16/2026

Proj: PRJ 1432 / Tokarski's Middlemann Auch. / Mt. Holly Army - Latrines

Summary Test Report for Asbestos Analysis of Bulk Materials in Accordance with N.J.A.C. 8:60 and 12:120

Client Sample ID: 01-01-Plaster **Lab Sample ID:** 042603658-0001

Sample Description: Men's Bathroom/Plaster Ceiling

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	3/09/2026	Gray/Tan	2.0%	98.0%	None Detected	

Client Sample ID: 01-01-Skim Coat

Lab Sample ID: 042603658-0001A

Sample Description: Men's Bathroom/Plaster Ceiling

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	3/09/2026	White	0.0%	98.0%	2% Chrysotile	

Client Sample ID: 01-02-Plaster

Lab Sample ID: 042603658-0002

Sample Description: Men's Bathroom/Plaster Ceiling

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	3/09/2026	Gray/Tan	0.0%	100.0%	None Detected	

Client Sample ID: 01-02-Skim Coat

Lab Sample ID: 042603658-0002A

Sample Description: Men's Bathroom/Plaster Ceiling

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	3/09/2026					Positive Stop (Not Analyzed)

Client Sample ID: 01-03-Plaster

Lab Sample ID: 042603658-0003

Sample Description: Men's Bathroom/Plaster Ceiling

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	3/09/2026	Gray/Tan	0.0%	100.0%	None Detected	

Client Sample ID: 01-03-Skim Coat

Lab Sample ID: 042603658-0003A

Sample Description: Men's Bathroom/Plaster Ceiling

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	3/09/2026					Positive Stop (Not Analyzed)

Client Sample ID: 01-04-Plaster

Lab Sample ID: 042603658-0004

Sample Description: Men's Bathroom/Plaster Ceiling

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	3/09/2026	Gray	0.0%	100.0%	None Detected	



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Customer ID: TTIE54
Customer PO: PO2908
Project ID:

Summary Test Report for Asbestos Analysis of Bulk Materials in Accordance with N.J.A.C. 8:60 and 12:120

Client Sample ID: 01-04-Skim Coat		Lab Sample ID: 042603658-0004A				
Sample Description: Men's Bathroom/Plaster Ceiling						
TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	3/09/2026					Positive Stop (Not Analyzed)
Client Sample ID: 01-05-Plaster		Lab Sample ID: 042603658-0005				
Sample Description: Ladies Bathroom/Plaster Ceiling						
TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	3/09/2026	Gray/Tan	0.0%	100.0%	None Detected	
Client Sample ID: 01-05-Skim Coat		Lab Sample ID: 042603658-0005A				
Sample Description: Ladies Bathroom/Plaster Ceiling						
TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	3/09/2026					Positive Stop (Not Analyzed)
Client Sample ID: 01-06-Plaster		Lab Sample ID: 042603658-0006				
Sample Description: Ladies Bathroom/Plaster Ceiling						
TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	3/09/2026	Gray/Tan	0.0%	100.0%	None Detected	
Client Sample ID: 01-06-Skim Coat		Lab Sample ID: 042603658-0006A				
Sample Description: Ladies Bathroom/Plaster Ceiling						
TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	3/09/2026					Positive Stop (Not Analyzed)
Client Sample ID: 01-07-Plaster		Lab Sample ID: 042603658-0007				
Sample Description: Ladies Bathroom/Plaster Ceiling						
TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	3/09/2026	Gray	0.0%	100.0%	None Detected	
Client Sample ID: 01-07-Skim Coat		Lab Sample ID: 042603658-0007A				
Sample Description: Ladies Bathroom/Plaster Ceiling						
TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	3/09/2026					Positive Stop (Not Analyzed)
Client Sample ID: 02-08		Lab Sample ID: 042603658-0008				
Sample Description: Men's Bathroom/Block Mortar						
TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	3/09/2026	Gray	0.0%	100.0%	None Detected	



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Project ID:

Summary Test Report for Asbestos Analysis of Bulk Materials in Accordance with N.J.A.C. 8:60 and 12:120

Client Sample ID: 02-09 **Lab Sample ID:** 042603658-0009

Sample Description: Ladies Bathroom/Block Mortar

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	3/09/2026	Gray	0.0%	100.0%	None Detected	

Client Sample ID: 03-10-Tile **Lab Sample ID:** 042603658-0010

Sample Description: Men's Bathroom/Tile Floor Core

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	3/09/2026	Brown/Tan	0.0%	100.0%	None Detected	
TEM Grav. Reduction	3/16/2026	Brown/Tan	0.0%	100.0%	None Detected	

Client Sample ID: 03-10-Mortar **Lab Sample ID:** 042603658-0010A

Sample Description: Men's Bathroom/Tile Floor Core

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	3/09/2026	Gray/Tan	0.0%	100.0%	None Detected	

Client Sample ID: 03-11-Tile **Lab Sample ID:** 042603658-0011

Sample Description: Ladies Bathroom/Tile Floor Core

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	3/09/2026	Brown/Tan	0.0%	100.0%	None Detected	
TEM Grav. Reduction	3/16/2026	Brown/Tan	0.0%	100.0%	None Detected	

Client Sample ID: 03-11-Mortar **Lab Sample ID:** 042603658-0011A

Sample Description: Ladies Bathroom/Tile Floor Core

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	3/09/2026	Tan/White	0.0%	100.0%	None Detected	

Client Sample ID: 03-11-Grout **Lab Sample ID:** 042603658-0011B

Sample Description: Ladies Bathroom/Tile Floor Core

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	3/09/2026	Gray	3.0%	97.0%	None Detected	Result includes a small amount of inseparable attached material



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Summary Test Report for Asbestos Analysis of Bulk Materials in Accordance with N.J.A.C. 8:60 and 12:120

Analyst(s):

Michael Bocchicchio PLM (6)
Michelle Quach TEM Grav. Reduction (2)
Russell Hayden PLM (9)

Reviewed and approved by:

Samantha Sweeney, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This is a summary report; official reports are available on LabConnect or upon request and relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method") but augmented with procedures outlined in the 1993 ("final") version of the method. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AIHA LAP, LLC-IHLAP Lab 100194, PA ID# 68-00367, LA #04127

Initial report from: 03/09/2026 22:04:10



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042603658
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E-MAIL ALL RESULTS AND COC TO: ih-lab@ttienv.com

Asbestos Bulk Sample Data and Chain of Custody Record

PO: PO 2908

PROJECT #: PRJ <u>1432</u>	CLIENT: <u>Tokarski's Milkemann Ach</u>	CONTACT: <u>S. Tomasiello</u>	TTI PM: ☐ Jim Guilardi ☐ Scott Magee ☐ Michael Keehn ☒ Brian Clark
FACILITY: <u>Mt. Holly Army - Latrines</u>		SAMPLER(S): <u>B-C1C</u>	DATE: <u>3/2/26</u>

Hom ID & Sample #	Room / Location	Material Description	Friable		Analysis Method
			Y	N	
01-01	Men's Bathroom	Plaster ceiling			PLM
01-02	↓ Ladies Bathroom				
01-03					
01-04					
01-05					
01-06	↓				
01-07					
02-08	Men's bathroom	black marker			
02-09	Ladies Bathroom	↓			
03-10	Men's bathroom	tile floor core			PLM / TEM
03-11	Ladies Bathroom	↓			↓ ↓

RECEIVED
EMSL
CINNAMINSON, N.J.
2026 MAR -2 P 12:53

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	5 day	Turnaround Time	☒ Stop First Positive
<u>[Signature]</u>	<u>3/2/26</u>		<u>David Skipp wts</u>	<u>3-2-26</u>	<u>12:55pm</u>			
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time	NOB MATERIALS: ☐ Perform TEM analysis of 1 st sample in each homogeneous group. (Initials _____) ☐ For NOB samples with insufficient material for TEM analysis, please perform composite analysis using material from other samples in the same homogeneous group. (Initials _____) ☒ Analyze Non-Friable NOB Cat I PLM <1% for TEM NOB. TAT _____ (Initials _____) ☐ Perform Composite Analysis on positive sheetrock/joint compound samples. (Initials _____)		

①BMS



Appendix C: X-Ray Fluorescence (XRF) Lead Based Paint Testing Results



XRF Analytical Sampling Results
Lead Based Paint Screening
Mt. Holly Armory - Latrine Alterations

Client: Tokarski Millemann
Date of Screening: 3/2/2026
TTI Project No. PRJ1432

Reading Number	Location	Side	Structure	Feature	Condition	Substrate	Color	Lead (mg/cm ²)
1	Calibration 1							1.10
2	Calibration 2							1.08
3	Calibration 3							1.10
4	Ladies' Room		Door		Good	Metal		0.00
5	Ladies' Room		Door	Frame	Good	Metal		0.00
6	Ladies' Room		Wall	Upper	Good	Block		0.00
7	Ladies' Room		Wall	Upper	Good	Block		0.00
8	Ladies' Room		Wall	Upper	Good	Block		0.00
9	Ladies' Room		Wall	Upper	Good	Block		0.00
10	Ladies' Room		Wall	Lower	Good	Tile		0.00
11	Ladies' Room		Wall	Lower	Good	Tile		0.00
12	Ladies' Room		Wall	Lower	Good	Tile		0.00
13	Ladies' Room		Wall	Lower	Good	Tile		0.00
14	Ladies' Room		Stall	Door	Good	Metal		0.02
15	Ladies' Room		Stall	Wall	Good	Metal		0.01
16	Ladies' Room		Ceiling		Good	Plaster		0.00
17	Men's Room		Door		Good	Metal		0.00
18	Men's Room		Door	Frame	Good	Metal		0.00
19	Men's Room		Wall	Upper	Good	Block		0.00
20	Men's Room		Wall	Upper	Good	Block		0.00
21	Men's Room		Wall	Upper	Good	Block		0.00
22	Men's Room		Wall	Upper	Good	Block		0.00
23	Men's Room		Wall	Lower	Good	Tile		0.00
24	Men's Room		Wall	Lower	Good	Tile		0.00
25	Men's Room		Wall	Lower	Good	Tile		0.00
26	Men's Room		Wall	Lower	Good	Tile		0.00
27	Men's Room		Stall	Door	Good	Metal		0.00
28	Men's Room		Stall	Wall	Good	Metal		0.00
29	Men's Room		Ceiling		Good	Plaster		0.00
30	Ladies' Room		Radiator	Cover	Good	Metal		0.02
31	Men's Room		Radiator	Cover	Good	Metal		0.02
32	Calibration 1							1.10
33	Calibration 2							1.09
34	Calibration 3							1.10



Appendix D: Mold Air Sampling Data and Results



EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077
 Tel/Fax: (800) 220-3675 / (856) 786-0262
<http://www.EMSL.com/cinnmicrolab@emsl.com>

EMSL Order: 372602880

Customer ID: TTIE54

Customer PO: 2908

Project ID:

Attention: Brian Clark
 TTI Environmental Inc.
 1253 North Church Street
 Moorestown, NJ 08057

Phone: (856) 840-8800

Fax: (856) 840-8815

Collected Date: 03/02/2026

Received Date: 03/02/2026 12:55 PM

Analyzed Date: 03/04/2026

Project: PRJ 1432 Mt. Holly Armory

Test Report: Air-O-Cell™ Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods MICRO-SOP-201, ASTM D7391)

Lab Sample Number:	372602880-0001			372602880-0002			372602880-0003		
Client Sample ID:	M01			M02			M03		
Volume (L):	75			75			75		
Sample Location:	Exterior			Men's Bathroom			Ladies Bathroom		
Spore Types	Raw Count†	Count/m²	% of Total	Raw Count†	Count/m²	% of Total	Raw Count†	Count/m²	% of Total
Alternaria (Ulocladium)	-	-	-	-	-	-	-	-	-
Ascospores	-	-	-	-	-	-	-	-	-
Aspergillus/Penicillium++	80	1100*	91.7	-	-	-	-	-	-
Basidiospores	2	90	7.5	12	530	86.9	8	400	75.5
Bipolaris++	-	-	-	-	-	-	-	-	-
Chaetomium++	-	-	-	1	40	6.6	-	-	-
Cladosporium	-	-	-	1	40	6.6	2	90	17
Curvularia	-	-	-	-	-	-	-	-	-
Epicoccum	1	10*	0.8	-	-	-	-	-	-
Fusarium++	-	-	-	-	-	-	-	-	-
Ganoderma	-	-	-	-	-	-	-	-	-
Myxomycetes++	-	-	-	-	-	-	1	40	7.5
Pithomyces++	-	-	-	-	-	-	-	-	-
Rust	-	-	-	-	-	-	-	-	-
Scopulariopsis/Microascus	-	-	-	-	-	-	-	-	-
Stachybotrys/Memnoniella	-	-	-	-	-	-	-	-	-
Unidentifiable Spores	-	-	-	-	-	-	-	-	-
Zygomycetes	-	-	-	-	-	-	-	-	-
Total Fungi	83	1200	100	14	610	100	11	530	100
Hyphal Fragment	-	-	-	1	10*	-	-	-	-
Insect Fragment	-	-	-	-	-	-	-	-	-
Pollen	-	-	-	-	-	-	-	-	-
Analyt. Sensitivity 600x	-	44	-	-	44	-	-	44	-
Analyt. Sensitivity 300x	-	13*	-	-	13*	-	-	13*	-
Skin Fragments (1-4)	-	1	-	-	1	-	-	1	-
Fibrous Particulate (1-4)	-	1	-	-	1	-	-	1	-
Background (1-5)	-	2	-	-	3	-	-	3	-

† Due to method stopping rules, extrapolated raw counts are reported in parenthesis.

++ Includes other spores with similar morphology; see EMSL's fungal glossary for each specific category.

Liz Hagenbuch, M.S., Microbiology Manager
or other Approved Signatory

No discernable field blank was submitted with this group of samples.

EMSL Analytical, Inc. maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL Analytical, Inc. EMSL Analytical, Inc. bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. Skin Fragment and Fibrous Particulate ratings are based on the percent of non-fungal material they represent: 1 (1-25%), 2 (26-50%), 3 (51-75%), or 4 (76-100%). Background ratings are based on the total area covered by non-fungal particles: 1 (1-25%), 2 (26-50%), 3 (51-75%), 4 (76-99%), or 5 (100%; overloaded). High levels of background particulate can obscure spores and other particulates, leading to underestimation. Background levels of 5 indicate an overloading of background particulates, prohibiting accurate detection and quantification. Present = Spores detected on overloaded samples. Results are not blank corrected unless otherwise noted. The detection limit is equal to one fungal spore, structure, pollen, fiber particle or insect fragment. "" Denotes particles found at 300X. "-" Denotes not detected. Due to method stopping rules, raw counts >= 100 are extrapolated based on the percentage analyzed.

Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ AIHA LAP, LLC-EMLAP Accredited #100194

Initial report from: 03/06/2026 03:22 PM

For information on the fungi listed in this report, please visit the Resources section at www.emsl.com



EMSL ANALYTICAL, INC.
TESTING LABS • PRODUCTS • TRAINING

Microbiology Chain of Custody Form

EMSL Order Number / Lab Use Only

372602880

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077

PHONE: (800) 220-3675

EMAIL: CinnMicroLab@emsl.com

If Bill-To is the same as Report-To leave this section blank. Third-party billing requires written authorization.

Customer Information	Customer ID:			Billing Information	Billing ID:		
	Company Name:	ITI Env			Company Name:		
	Contact Name:	Brian Clark			Billing Contact:	Same	
	Street Address:	1253 Church St			Street Address:		
	City, State, Zip Code:	Morristown, NJ	Country:		City, State, Zip Code:		Country:
	Phone:				Phone:		
Email(s) for Report:				Email(s) for Invoice:			

Project Name/No: PRJ N32 Mt. Holly Armory				Purchase Order: 62908	
EMSL LIMS Project ID: (If applicable, EMSL will provide)	State Samples Collected: NJ	Zip Code Samples Collected:	State of Connecticut (CT) must select project location: ☐ Commercial (Taxable) ☐ Residential (Non-taxable)		
Sampled By Name: B. Clark	Sampled By Signature: [Signature]	Sampler ID#: (if applicable)	No. of Samples in Shipment		

Sterile, Sodium Thiosulfate Preserved Bottle Used: ☐		Biocide Used in Source (specify)	
Public Water Supply Samples: ☐		Note: All results may automatically be reported to DOH if required by State.	
Turn-Around-Time (TAT) ☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 32* Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☒ 1 Week ☐ 2 Week			

MICROBIOLOGY TEST CODES			
M001 Air-O-Cell	M174 MoldSnap	M009 Bacteria Culture Gram Stain & Count	M115 Sewage Screen - Water (P/A**)
M030 MICRO 5	M032 Allergenco-D	M010 Bacteria Count & ID - 3 Most Prominent	M116 Sewage Screen - Water (MPN**)
M041 Fungal Direct Examination		M011 Bacteria Count & ID - 5 Most Prominent	M117 Sewage Screen - Swab (P/A**)
M169 Pollen ID & Enumeration		M012 <i>Pseudomonas aeruginosa</i> (P/A**)	M013 Sewage Screen - Swab (MFT*)
M005 Viable Fungi-Air Samples (Genus ID & Count)		M024 <i>Pseudomonas aeruginosa</i> (MFT*)	M730 Methicillin-resistant <i>Staph. aureus</i> (MRSA)
M006 Viable Fungi-Air Samples (Includes <i>Penicillium</i> , <i>Aspergillus</i> , <i>Cladosporium</i> , <i>Stachybotrys</i> Species ID & Count)		M015 Heterotrophic Plate Count	M031 Rapid-growing non-TB <i>Mycobacterium</i> Detection & Enumeration
M007 Culturable Fungi-Surface Samples (Genus ID & Count)		M017 Total Coliform & <i>E. Coli</i> (Colliert P/A**)	M014 Endotoxin Analysis
M008 Culturable Fungi-Surface Samples (Includes <i>Penicillium</i> , <i>Aspergillus</i> , <i>Cladosporium</i> , <i>Stachybotrys</i> Species ID & Count)		M018 Total Coliform & <i>E. Coli</i> (MFT*)	M044 Group Allergen (Cat, Dog, Cockroach, Dust Mite)
M280 Dust Characterization Level-1		M114 Total Coliform & <i>E. Coli</i> Enumeration (Colliert MPN**)	M095 Bacteroides
M281 Dust Characterization Level-2		M019 Fecal Coliform (MFT*)	Other - See Analytical Price Guide for Test Code
Add On to Spore Trap & M041 Analyses *available at certain lab locations*		M020 Fecal Streptococcus (MFT*)	Legionella Analysis Please use EMSL Legionella-COC
M280A Dust Characterization Level-1		M029 Enterococci (MFT*)	
M281A Dust Characterization Level-2		M129 Enterococci (Enterolert P/A**)	
		M180 Real Time qPCR-ERMI 36 Panel	
		M025 Sewage Screen - Water (MFT*)	

Sample #	Sample Location/Description	Sample Type (Matrix)	Potable / Non-Potable (Only for Water)	Test Code	Volume/Area	Date / Time Collected	Temperature (Lab Use Only)
Example: Sample 1	Kitchen	Water	Potable	M017	1,000 ml	1/1/2024 3:30pm	
M01	Exterior	Air	—	M001	75L	3/2/26	
M02	men's bathroom	Air	—	M001	75L		
M03	ladies bathroom	Air	—	M001	75L		

Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)

Method of Shipment:	Sample Condition Upon Receipt:	Received on Ice? ☐
Relinquished by: [Signature]	Received by: David Skop	Check if Yes:
Date/Time: 3/2/26	Date/Time: 3-2-26 12:55pm	
Relinquished by:	Received by:	Date/Time:

Controlled Document - COC-34 Micro R17 07/16/2025

☐ AGREE TO ELECTRONIC SIGNATURE (By checking, I consent to signing this Chain of Custody document by electronic signature.)

EMSL Analytical, Inc.'s Laboratory Terms and Conditions are incorporated into this Chain of Custody by reference in their entirety. Submission of samples to EMSL Analytical, Inc. constitutes acceptance and acknowledgment of all terms and conditions by Customer.

③ ns Page 1 of



Appendix E: Site Photographs

























