Midwest Environmental Consulting Services

ASBESTOS BULK SAMPLING

Performed For:

USDA PEORIA

1815 N University Street
Peoria, IL 61604

Project Location:

USDA STORAGE BUILDING 004

1815 N University Street
Peoria, IL 61604

Inspection Date: April 23, 2026

MEC Project #: 26-04-0339-INSP

USDA PEORIA
USDA STORAGE BUILDING 004
1815 N University Street
Peoria, IL 61604

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MEC Project #: 26-04-0339-INSP

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Midwest Environmental Consulting Services, Inc.
2551 N. Bridge Street
Yorkville, IL 60560
Phone: (630) 553-3989 Fax: (630) 553-3990

Section 1:

Introduction:

Midwest Environmental Consulting Services, Inc. (MEC) was retained by USDA Peoria to conduct a comprehensive asbestos bulk sampling survey for suspect asbestos-containing materials (ACM) in a storage building located at 1815 N University Street, Peoria, IL 61604. The asbestos inspection was performed on April 23, 2026. This comprehensive asbestos bulk sampling inspection was intended to address the potential existence of ACM on the interior and exterior prior to future planned demolition of storage building 004.

Section 2:

Protocol:

The bulk sampling strategy is based upon the protocol of homogeneous areas established by the United States Environmental Protection Agency (USEPA). A homogeneous sampling area (HSA) is defined as an area of material that is uniform in color, texture, construction, general appearance, and date of installation.

Bulk samples of suspect ACM were analyzed by Polarized Light Microscopy (PLM) utilizing the EPA-600/M4-82-020 Method. Bulk samples were analyzed using Asbestos Hazard Emergency Response Act (AHERA) “positive stop” protocol, meaning each sample of each HSA group is analyzed until asbestos is found in the HSA or all samples in the group are analyzed and are negative for asbestos content.

Section 3:

Building Description:

Midwest Environmental Consulting Services, Inc. (MEC) was retained by USDA Peoria to conduct a comprehensive asbestos bulk sampling survey for suspect asbestos-containing materials (ACM) in a storage building located at 1815 N University Street, Peoria, IL 61604. The asbestos inspection was performed on April 23, 2026. This comprehensive asbestos bulk sampling inspection was intended to address the potential existence of ACM on the interior and exterior prior to future planned demolition of the storage building.

Section 4:

Scope of Work:

The inspection was to address the following objectives:

* Observe, assess, and collect bulk samples of friable and non-friable asbestos containing building materials within the specific scope of work.
* The inspection was intended to identify all homogeneous areas, and did not attempt to identify or address any other environmental health hazards.
* The scope of work did not include identifying all potential concerns or eliminate possible risks.

A total of four (4) homogeneous areas were identified within the scope of work and of the four (4) homogeneous areas, three (3) homogeneous areas tested positive for asbestos content. Zero (0) homogeneous areas were assumed to contain asbestos.

Asbestos-Containing Materials:

- SPA - Plaster
- TJA - Cementitious Fittings
- TPA - Pipe Insulation

Assumed Asbestos-Containing Materials:

- N/A

Section 5:

Executive Summary:

Standard practice requires that the owner provide Certified-As-Built drawings for review by the inspector. At the time of the inspection, these drawings were not available. Therefore, the accuracy of the inspection can only be based on the materials that were accessible or known about prior to the inspection. If a suspect material is identified during demolition, all work shall stop immediately until the materials can be sampled for asbestos content.

During renovation or demolition, it is recommended that a project design, project oversight, and air monitoring be in place prior to any asbestos abatement work being conducted. An Illinois Department of Public Health licensed asbestos abatement contractor must be in place prior to any asbestos abatement activities.

Prior to any planned renovation or demolition taking place, Midwest Environmental Consulting Services, Inc., strongly recommends that either the client contact Midwest Environmental Consulting Services, Inc., or the Illinois Department of Public Health or the Illinois Environmental Protection Agency in regards to applicable rules and regulations.

This survey report is for the exclusive use of USDA and its respective affiliates, designees, successors, and assignees, and no other party shall have any right to rely on service provided by Midwest Environmental Consulting Services, Inc., without prior written consent. This asbestos survey is not intended to be a scope of work or project design. Estimated quantities of materials are for information only and should not be utilized for abatement bidding purposes.

Although Midwest Environmental Consulting Services, Inc., has attempted to identify all suspect asbestos materials located on the inside of the building; some materials may have been inaccessible. Midwest Environmental Consulting Services, Inc. makes no warranty, expressed or implied.

Sincerely,

Eden Dennis
IDPH-Licensed Asbestos Building Inspector 100-20748

Inspection Performed For:
USDA PEORIA
1815 N University Street
Peoria, IL 61604
MEC Project #: 26-04-0339-INSP

Midwest Environmental Consulting Services, Inc.
Consultants Engineers Scientists

Asbestos Bulk Sample Field Summary Table

Client: USDA PEORIA
Address: 1815 N University Street
Peoria, IL 61604

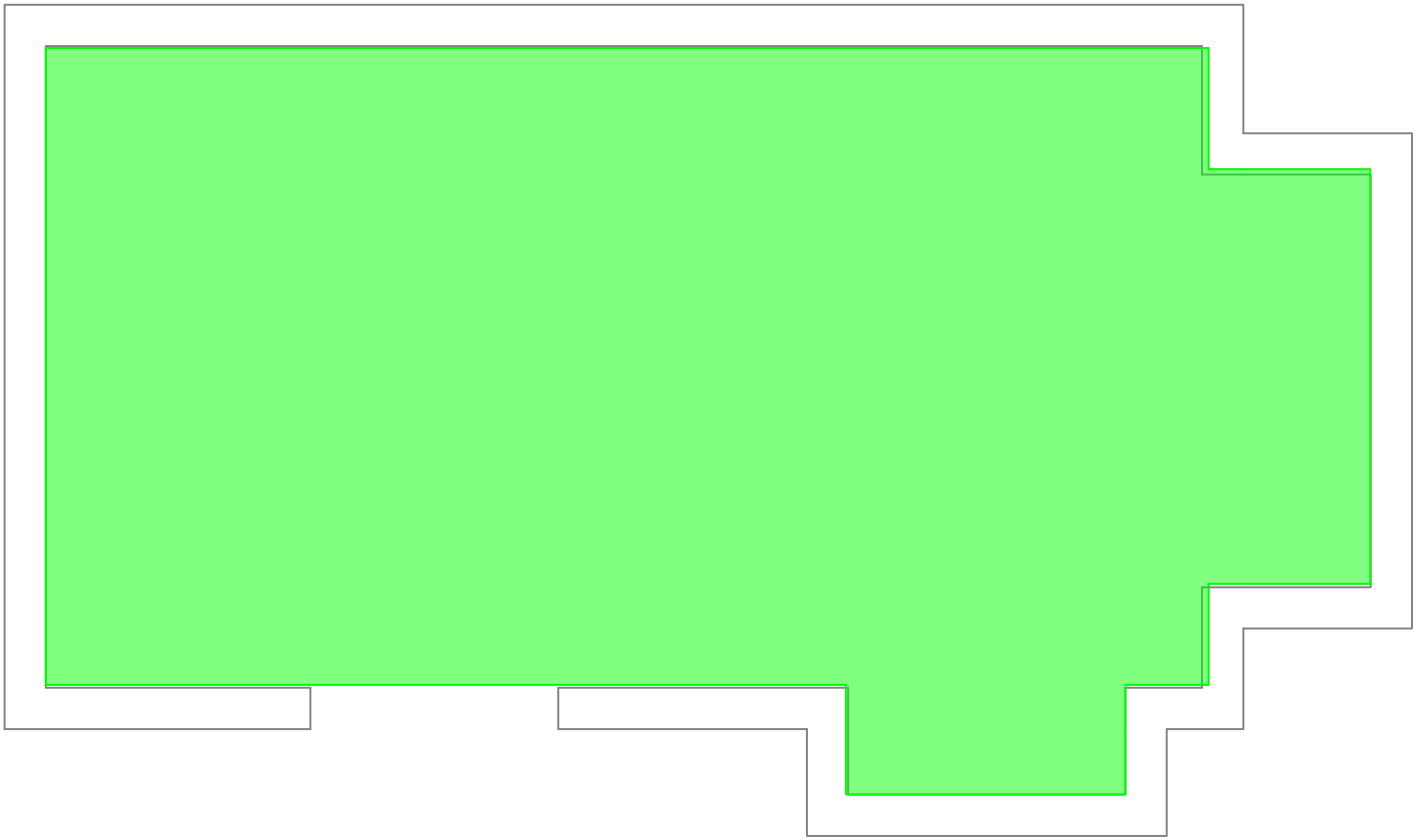
Project Location: USDA STORAGE BUILDING 004
Address: 1815 N University Street
Peoria, IL 61604

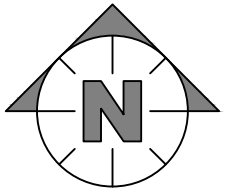
MEC Project #: 26-04-0339-INSP
Insp. Date: April 23, 2026
Inspector: Eden Dennis
IDPH #: 100-20748

H S A	MATERIAL DESCRIPTION	MATERIAL LOCATION	ACM CATEGORY	TYPE OF ANALYSIS OR ASSUMED	MATERIAL CONDITION	MATERIAL TYPE	APPROX. QUANTITY	ACM YES/NO	COMMENTS
MRA	Asphalt Shingles	Roof	N/A	PLM	G	M	1080 S.F.	No	N/A
SPA	Plaster	North Side Room	Cat. II Non-Friable	PLM	G	S	638 S.F.	Yes	N/A
TJA	Cementitious Fittings	North Side Room	Friable	PLM	D	T	5 fittings	Yes	N/A
TPA	Pipe Insulation	North Side Room	Friable	PLM	G	T	30 L.F.	Yes	N/A

ACM Category Classification:
Friable Asbestos-Containing Material = A friable ACM is a material containing more than 1% asbestos that can easily be crumbled, pulverized, or reduced to powder by hand pressure when it is dry.
Category I Non-Friable Asbestos-Containing Material = Any asbestos-containing packet, gasket, resilient floor covering, mastic, or asphalt roofing product that contains more than 1% asbestos.
Category II Non-Friable Asbestos-Containing Material = Any material excluding Category I Non-Friable material containing more than 1% asbestos that when dry cannot be crumbled, pulverized, or reduced to powder by hand pressure or mechanical forces expected to act on the material.
Analysis Type: PLM = Polarized Light Microscopy TEM = Transmission Electron Microscopy Assumed = Material was not tested and is assumed to contain ACM.
Condition: G = Good D = Damaged SD = Significantly Damaged
Material Type: M = Miscellaneous S = Surfacing T = Thermal

HOMOGENEOUS AREA: MRA
DESCRIPTION: ASPHALT SHINGLES
QUANTITY ESTIMATE: 1080 S.F
ACM Y/N: NO
COMMENTS: N/A





1ST FLOOR

Consultant:	Client:	Project Location:
Midwest Environmental Consulting Services, Inc. Consultants Engineers Scientists	USDA Peoria 1815 N University Street Peoria, IL 61604	USDA Storage Building 004 1815 N University Street Peoria, IL 61604

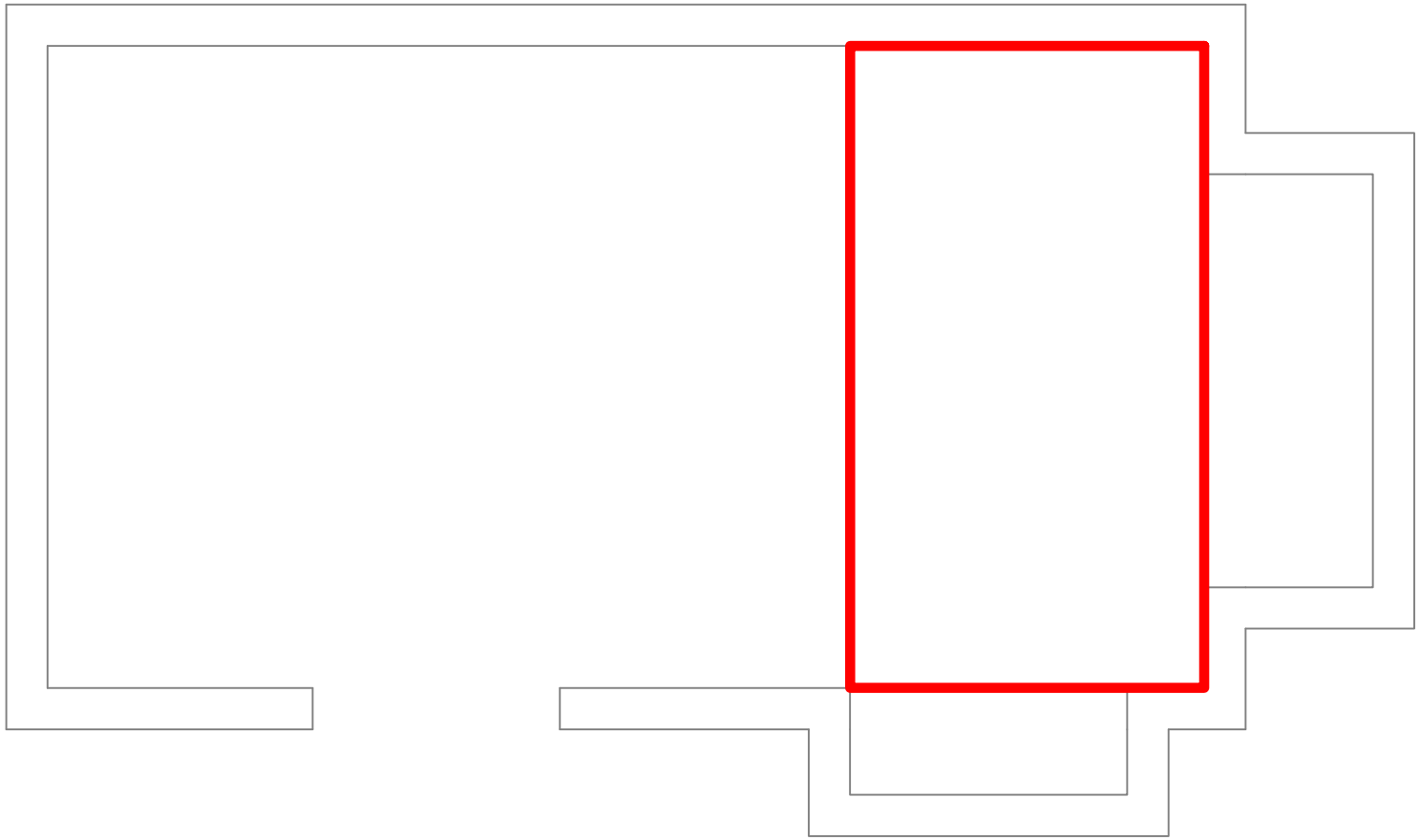
REVISIONS

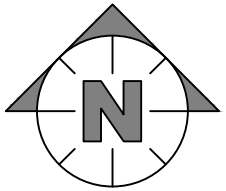
REV. NO.	DATE	REV. BY:

INSPECTION SURVEY

Project No.	26-04-0339-INSP
Drawing Date:	05/05/2026
Inspector:	Eden Dennis
Scale: NTS	Drawn By: SKM

HOMOGENEOUS AREA: SPA
DESCRIPTION: PLASTER
QUANTITY ESTIMATE: 638 S.F
ACM Y/N: YES
COMMENTS: N/A





1ST FLOOR

Consultant:	Client:	Project Location:
Midwest Environmental Consulting Services, Inc. Consultants Engineers Scientists	USDA Peoria 1815 N University Street Peoria, IL 61604	USDA Storage Building 004 1815 N University Street Peoria, IL 61604

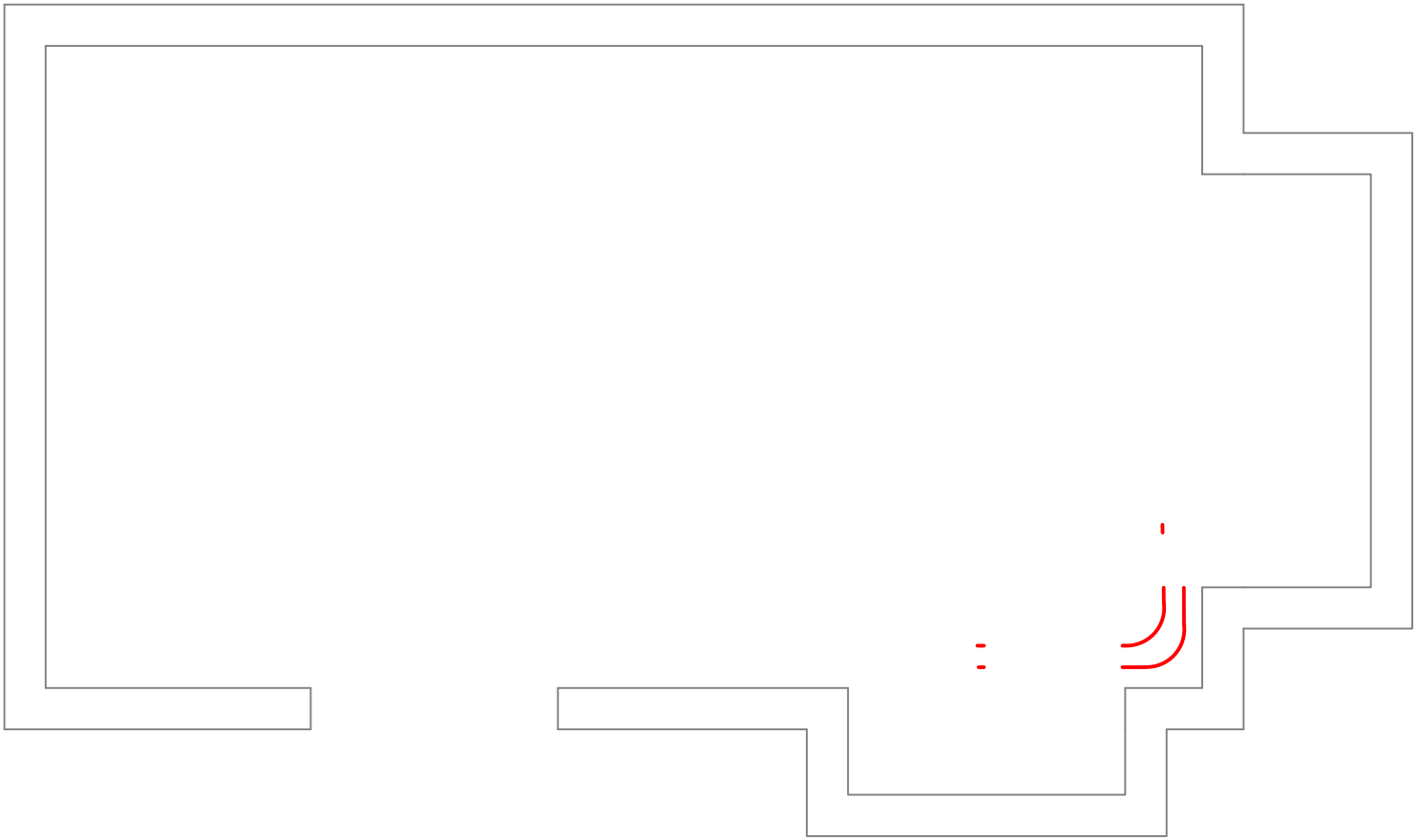
REVISIONS

REV. NO.	DATE	REV. BY:

INSPECTION SURVEY

Project No.	26-04-0339-INSP
Drawing Date:	05/05/2026
Inspector:	Eden Dennis
Scale: NTS	Drawn By: SKM

HOMOGENEOUS AREA: TJA
DESCRIPTION: CEMENTITIOUS FITTINGS
QUANTITY ESTIMATE: 5 FITTINGS
ACM Y/N: YES
COMMENTS: N/A



1ST FLOOR

Consultant:	Client:	Project Location:
Midwest Environmental Consulting Services, Inc. Consultants Engineers Scientists	USDA Peoria 1815 N University Street Peoria, IL 61604	USDA Storage Building 004 1815 N University Street Peoria, IL 61604

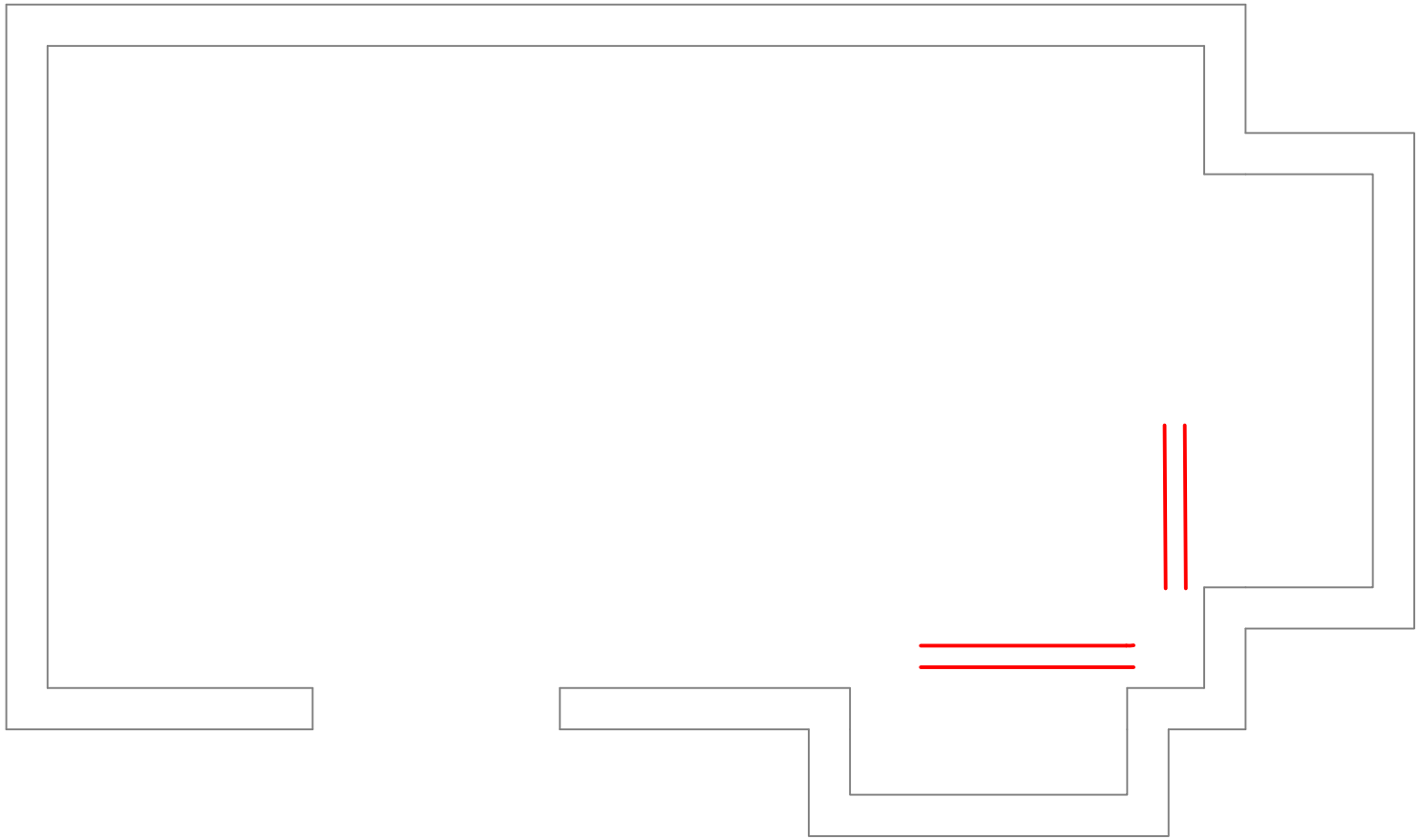
REVISIONS

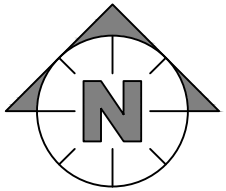
REV. NO.	DATE	REV. BY:

INSPECTION SURVEY

Project No.	26-04-0339-INSP
Drawing Date:	05/05/2026
Inspector:	Eden Dennis
Scale: NTS	Drawn By: SKM

HOMOGENEOUS AREA: TPA
DESCRIPTION: PIPE INSULATION
QUANTITY ESTIMATE: 30 L.F.
ACM Y/N: YES
COMMENTS: N/A





1ST FLOOR

Consultant:	Client:	Project Location:
Midwest Environmental Consulting Services, Inc. Consultants Engineers Scientists	USDA Peoria 1815 N University Street Peoria, IL 61604	USDA Storage Building 004 1815 N University Street Peoria, IL 61604

REVISIONS

REV. NO.	DATE	REV. BY:

INSPECTION SURVEY

Project No.	26-04-0339-INSP
Drawing Date:	05/05/2026
Inspector:	Eden Dennis
Scale: NTS	Drawn By: SKM

USDA PEORIA

USDA STORAGE BUILDING 004
1815 N University Street
Peoria, IL 61604

Homogeneous Area:	**MRA**
Material Description:	**Asphalt Shingles**
Material Location:	**Roof**
ACM Y/N:	**No**

Comments: **N/A**

Homogeneous Area:	**SPA**
Material Description:	**Plaster**
Material Location:	**North Side Room**
ACM Y/N:	**Yes**

Comments: **N/A**

USDA PEORIA

USDA STORAGE BUILDING 004
1815 N University Street
Peoria, IL 61604

Homogeneous Area:	**TJA**
Material Description:	**Cementitious Fittings**
Material Location:	**North Side Room**
ACM Y/N:	**Yes**

Comments: N/A

Homogeneous Area:	**TPA**
Material Description:	**Pipe Insulation**
Material Location:	**North Side Room**
ACM Y/N:	**Yes**

Comments: N/A

EMSL Analytical, Inc.

4140 Litt Drive Hillside, IL 60162

Tel/Fax: (773) 313-0099 / (773) 313-0139

http://www.EMSL.com / chicagolab@emsl.com

EMSL Order: 262604259
Customer ID: MECO77
Customer PO:
Project ID:

Attention: EDEN DENNIS
Midwest Environmental Consulting Svs.
2551 North Bridge Street
Yorkville, IL 60560

Phone: (630) 553-3989
Fax: (630) 553-3990
Received Date: 04/24/2026 12:21 PM
Analysis Date: 05/01/2026
Collected Date:

Project: USDA STORAGE BUILDING 004 26-04-0339-INSP

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
MRA 1 *262604259-0001*	ASPHALT SHINGLES	Black Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected
MRA 2 *262604259-0002*	ASPHALT SHINGLES	Black Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected
MRA 3 *262604259-0003*	ASPHALT SHINGLES	Black Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected
SPA 1 *262604259-0004*	PLASTER	Gray Non-Fibrous Homogeneous		98% Non-fibrous (Other)	**2% Chrysotile**
SPA 2 *262604259-0005*	PLASTER				**Positive Stop (Not Analyzed)**
SPA 3 *262604259-0006*	PLASTER				**Positive Stop (Not Analyzed)**
TJA 1 *262604259-0007*	CEMENTITIOUS FITTING	Gray Fibrous Homogeneous	20% Cellulose	20% Non-fibrous (Other)	**60% Chrysotile**
TJA 2 *262604259-0008*	CEMENTITIOUS FITTING				**Positive Stop (Not Analyzed)**
TJA 3 *262604259-0009*	CEMENTITIOUS FITTING				**Positive Stop (Not Analyzed)**
TPA 1 *262604259-0010*	PIPE INSULATION	Gray/Tan Non-Fibrous Homogeneous	20% Cellulose	10% Mica 50% Non-fibrous (Other)	**20% Chrysotile**
TPA 2 *262604259-0011*	PIPE INSULATION				**Positive Stop (Not Analyzed)**
TPA 3 *262604259-0012*	PIPE INSULATION				**Positive Stop (Not Analyzed)**

Initial report from: 05/01/2026 14:44:55

EMSL Analytical, Inc.
4140 Litt Drive Hillside, IL 60162
Tel/Fax: (773) 313-0099 / (773) 313-0139
http://www.EMSL.com / chicagolab@emsl.com

EMSL Order:	262604259
Customer ID:	MECO77
Customer PO:	
Project ID:	

Analyst(s)

Mazen Elkhatib (6)

James Hahn, 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 report 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. Hillside, IL NVLAP Lab Code 200399-0

Initial report from: 05/01/2026 14:44:55

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Chain of Custody

EMSL Order Number *(Lab Use Only)*: 262604259

PHONE
FAX

Company Name : Midwest Environmental Consulting Services, Inc		**EMSL Customer ID:**	
Street: 2551 N. Bridge Street		**City:** Yorkville	**State/Province:** IL
Zip/Postal Code: 60560	**Country:** US	**Telephone #:** 630-553-3989	**Fax #:**
Report To (Name): Eden Dennis		**Please Provide Results:** ☐ Fax ☑ Email	
Email Address: edennis@mec-us.com / results@mec-us com		**Purchase Order:**	
Project Name/Number: USDA Storage Building 004		**EMSL Project ID** *(Internal Use Only)*	
U.S. State Samples Taken: IL 26-04-0339-1159		**CT Samples:** ☐ Commercial/Taxable ☐ Residential/Tax Exempt	

EMSL-Bill to: ☑ Same ☐ Different - If Bill to is Different note instructions in Comments**
Third Party Billing requires written authorization from third party

Turnaround Time (TAT) Options* – Please Check

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☑ 1 Week ☐ 2 Week

*For TEM Air 3 hr through 6 hr, please call ahead to schedule.*There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authonzation form for this service Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.

PCM - Air ☐ Check if samples are from NY
- ☐ NIOSH 7400
- ☐ w/ OSHA 8hr. TWA

PLM - Bulk (reporting limit)
- ☑ PLM EPA 600/R-93/116 (<1%)
- ☐ PLM EPA NOB (<1%)

Point Count
- ☐ 400 (<0 25%) ☐ 1000 (<0 1%)

Point Count w/Gravimetric
- ☐ 400 (<0.25%) ☐ 1000 (<0.1%)
- ☐ NYS 198.1 (friable in NY)
- ☐ NYS 198.6 NOB (non-friable-NY)
- ☐ NYS 198.8 SOF-V
- ☐ NIOSH 9002 (<1%)

TEM – Air ☐ 4-4.5hr TAT (AHERA only)
- ☐ AHERA 40 CFR, Part 763
- ☐ NIOSH 7402
- ☐ EPA Level II
- ☐ ISO 10312

TEM - Bulk
- ☐ TEM EPA NOB
- ☐ NYS NOB 198 4 (non-friable-NY)
- ☐ Chatfield SOP
- ☐ TEM Mass Analysis-EPA 600 sec. 2.5

TEM – Water: EPA 100.2
- Fibers >10µm ☐ Waste ☐ Drinking
- All Fiber Sizes ☐ Waste ☐ Drinking

TEM- Dust
- ☐ Microvac - ASTM D 5755
- ☐ Wipe - ASTM D6480
- ☐ Carpet Sonication (EPA 600/J-93/167)

Soil/Rock/Vermiculite*
- ☐ PLM CARB 435 - A (0 25% sensitivity)
- ☐ PLM CARB 435 - B (0 1% sensitivity)
- ☐ TEM CARB 435 - B (0 1% sensitivity)
- ☐ TEM CARB 435 - C (0.01% sensitivity)
- ☐ TEM Qual via Filtration Technique
- ☐ TEM Qual via Drop-Mount Technique

*Can not accept New York State Loose Fill Vermiculite Samples

Other: ☐

☑ **Check For Positive Stop – Clearly Identify Homogenous Group** | **Filter Pore Size (Air Samples):** ☐ 0.8µm ☐ 0.45µm

Samplers Name: Eden Dennis | **Samplers Signature:** [signature]

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
MRA 1,2,3	Asphalt Shingles	Bulk	4.23.26
SPA 1,2,3	Plaster	↓	↓
TJA 1,2,3	Cementitious Fitting	↓	↓
TPA 1,2,3	Pipe Insulation	↓	↓

Client Sample # (s): | **Total # of Samples:**

Relinquished (Client): [signature] **Date:** 4.24.26 **Time:**

Received (Lab): [signature] **Date:** 4/24/26 **Time:** 12:21pm

Comments/Special Instructions: WT

Controlled Document – Asbestos COC – R9 – 10/30/2014

United States Department of Commerce
National Institute of Standards and Technology

Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 200399-0

EMSL Analytical Inc.

Hillside, IL

is accredited by the National Voluntary Laboratory Accreditation Program for specific services, listed on the Scope of Accreditation, for:

Asbestos Fiber Analysis

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique on ISO/IEC 17025).

2025-04-01 through 2026-03-31

Effective Dates

For the National Voluntary Laboratory Accreditation Program

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

EMSL Analytical Inc.
4140 Litt Drive
Hillside, IL 60162
Mr. James Hahn
Phone: 773-313-0099 Fax: 773-313-0139
Email: jhahn@emsl.com
http://www.emsl.com

ASBESTOS FIBER ANALYSIS — NVLAP LAB CODE 200399-0

Bulk Asbestos Analysis

Code	***Description***
18/A01	EPA -- 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

Airborne Asbestos Analysis

Code	***Description***
18/A02	U.S. EPA's "Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions" as found in 40 CFR, Part 763, Subpart E, Appendix A.

For the National Voluntary Laboratory Accreditation Program

IDPH

ILLINOIS DEPARTMENT OF PUBLIC HEALTH

525-535 West Jefferson Street • Springfield, Illinois 62761-0001 • www.dph.illinois.gov

EDEN P DENNIS
1306 N Main St, Apt 1
BLOOMINGTON, IL 61701

3/23/2026

ASBESTOS PROFESSIONAL LICENSE ID NUMBER: 20748

Enclosed is your Asbestos Professional License. Please note the expiration date on the card and in the image depicted below.

COPY OF THE ASBESTOS PROFESSIONAL LICENSE

Front of License

IDPH

ASBESTOS PROFESSIONAL LICENSE

ID NUMBER	ISSUED	EXPIRES
100 - 20748	**3/23/2026**	**05/15/2027**

EDEN P DENNIS
1306 N Main St, Apt 1
BLOOMINGTON, IL 61701
Environmental Health

Back of License

ENDORSEMENTS	TC EXPIRES
INSPECTOR	10/10/2026
PROJECT MANAGER AIR SAMPLING PROFESSIONAL	10/11/2026

Alteration of this license shall result in legal action
This license issued under authority of the State of Illinois Department of Public Health
This license is valid only when accompanied by a valid training course certificate.

If you have any questions or need further assistance, contact the Asbestos Program at (217)782-3517 or fax (217)785-5897.

Our WEB address is: dph.illinois.gov/topics-services/environmental-health-protection/asbestos
EMAIL Address: dph.asbestos@illinois.gov

OCCUPATIONAL TRAINING & SUPPLY, INC.
7233 S. Adams Street | Willowbrook, IL 60527 (630) 655-3900 | www.otssafety.com

2025

Asbestos Building Inspector Refresher

Occupational Training & Supply, Inc. certifies that

Eden Dennis

has successfully completed the Asbestos Building Inspector Refresher course and has passed the competency exam with a minimum score of 70%. This course is accredited by the State of Wisconsin, Department of Health Services under ch. DHS 159, Wis. Admin. Code, The Illinois Department of Public Health and The Indiana Department of Environmental Management, under 326 IAC 18. Training was in accordance with requirements listed under EPA 40 CFR 763, Asbestos Hazard Emergency Response Act (AHERA) and TSCA Title II.

Location: 12304 75th Street
Kenosha, WI 53142

Certificate Number: BIRWI2510102004
Course Date: 10/10/2025
Exam Date: 10/10/2025
Expiration Date: 10/10/2026

Tyler Nicholson, Authorized Signer

Issue Date: 10/10/2025

Course Credit Hours: BIR WI 4 Hours