ASBESTOS SURVEY REPORT

PTB 196-032
Asbestos Survey for Building Demolition (I-80)
504 Railroad Street, Joliet, IL 60436
Region One/District One

Prepared for:

Illinois Department of Transportation
District 1

Submitted to:

WSP USA
30 N. LaSalle Street
Chicago, IL, 60602

Prepared by:

GSG CONSULTANTS, INC.
735 Remington Road, Schaumburg IL 60173
Tel: 630.994.2600, www.gsg-consultants.com

January 2, 2026

GSG CONSULTANTS, INC.

735 Remington Road
Schaumburg, IL 60173
Tel: 630.994.2600
www.gsg-consultants.com

January 2, 2026

David Skaleski, P.E.
Project Manager
WSP USA
30 N. LaSalle Street, Suite 4200
Chicago, Illinois 60602

Asbestos Survey Report
PTB 198-003
FAI-80 (I-80) over Des Plaines River Bridge
Job N. D-91-204-19
504 Railroad Street, Joliet, IL
Parcel No. 1P10119

Dear Mr. Skaleski:

GSG Consultants, Inc. (GSG) has conducted an Asbestos Survey for the above referenced property in accordance with our contractual agreement. The report provides a description of the site, survey methodology, analytical results, abatement cost estimates, and recommendations.

Should you have any questions or require additional information, please call us at 630-994-2600.

Prepared by: epahomi — January 2, 2026
Erin Pahomi — Date
Asbestos Building Inspector
Inspector License No: 100-20674

Reviewed By: Kyle Boyd — January 2, 2026
Kyle Boyd, CIH, CHMM — Date
Director of Industrial Hygiene

QA Manager: — January 2, 2026
Ala E Sassila, Ph.D., PE — Date

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ACRONYMS AND ABBREVIATIONS

ACM	Asbestos-Containing Material
ACBM	Asbestos-Containing Building Material
CFR	Code of Federal Regulations
COC	Chain of Custody
GSG	GSG Consultants, Inc.
IDOT	Illinois Department of Transportation
IDPH	Illinois Department of Public Health
NESHAP	National Emissions Standards for Hazardous Air Pollutant
NVLAP	National Voluntary Laboratory Accreditation Program
OSHA	Occupational Safety and Health Administration
PLM	Polarized Light Microscopy
RACM	Regulated Asbestos-Containing Material
TSI	Thermal System Insulation
USEPA	United States Environmental Protection Agency

SURVEY SUMMARY

SITE INFORMATION			
FAP Route:	FAI-80 (I-80)	Address:	504 Railroad Street
County:	Will	City, State, Zip	Joliet, IL 60436
Section:	N/A	Property Type:	Industrial
IDOT Job No.	D-91-204-19	Construction Date:	Before 1961
Parcel No.	1P10119	Building Size:	20,000 SF

ASBESTOS CONTAINING MATERIALS		
Survey Date:	November 20, 2025	
Weather Conditions:	50°F, Cloudy	
By Whom: Firm: Inspector: IDPH License No.	 GSG Consultants, Inc Erin Pahomi 100-20674	
Results:	Number of Material Types Sampled	**12**
	Number of Samples Collected:	**36**
	Number of Materials Tested Positive:	**0**
	Was Friable ACM Found?	**No**
	Were Roofing Materials Sampled?	**Yes**
	Are There Unique State or Local Requirements?	**No**
Laboratory Used:	Name: Stat Analysis Corporation (Sterling Labs) Address: 2242 W. Harrison Street, Chicago, Illinois NVLAP: 101202-0	
Building Access Limitations:	None	

ASBESTOS-CONTAINING MATERIAL (ACM) SURVEY RESULTS:

Parcel No. 1P10119
Industrial Property
504 Railroad Street, Joliet IL, 60436

Table 1 provides a list of the homogeneous building material types that were sampled as part of the asbestos survey and the laboratory testing results.

HA No.	Material Description	Location	Type[1]	Condition	Friable	% Asbestos*	# of Samples	Estimated Quantity [2]
1	CMU Mortar	Throughout	Misc.	Good	No	Asbestos Not Detected	3	N/A
2	Brick Mortar	Throughout	Misc.	Good	No	Asbestos Not Detected	3	N/A
3	Door Caulk	Entrance & Lab	Misc.	Good	No	Asbestos Not Detected	3	N/A
4	White Window Caulk	Office, Storage, Control Room	Misc.	Good	No	Asbestos Not Detected	3	N/A
5	Window Glazing	Office	Misc.	Good	No	Asbestos Not Detected	3	N/A
6	White Window Caulk (Glass Block)	Lab	Misc.	Good	No	Asbestos Not Detected	3	N/A
7	Water Tank Insulation	Garage	TSI	Good	Yes	Asbestos Not Detected	3	N/A
8	Drywall System (Drywall, Tape, & Compound)	Mezzanine Office, Control Room, Storage, Closet	Misc.	Good	No	Asbestos Not Detected	3	N/A
9	2'x4' White Pinhole Ceiling Tile	Mezzanine Office, Breakroom, Control Room	Misc.	Good	Yes	Asbestos Not Detected	3	N/A
10	12''x12'' Beige Floor Tile & Mastic	Control Room, Storage Room, Closet	Misc.	Good	No	Asbestos Not Detected	3	N/A
11	Flat Roofing Material	Roof	Misc.	Good	No	Asbestos Not Detected	3	N/A
12	Asphalt Roofing Material	Roof	Misc.	Good	No	Asbestos Not Detected	3	N/A
Total Estimated Quantity of ACM								NA

(1) TSI= Thermal System Insulation, Surf. = Surfacing Material, and Misc. = Miscellaneous.
(2) Quantities are estimates only, all quantities must be field verified.

1.0 INTRODUCTION

GSG Consultants Inc. (GSG) conducted an Asbestos Survey at Parcel No. 1P10119 located at 504 Railroad Street, Joliet IL. The site is an industrial building that is approximately 20,000 square feet in size. The interior walls and ceilings are masonry and drywall and the floors are concrete and floor tile. The building exterior is of masonry construction with an asphaltic shingled roof and flat roof.

GSG conducted the asbestos survey to satisfy requirements of the United States Environmental Protection Agency (USEPA) regulations under 40 CFR Part 61, Subpart M of the National Emission Standards for Hazardous Air Pollutants (NESHAP) and applicable state and local regulations. This was accomplished by conducting a visual inspection of the structures to be impacted by the planned demolition and collecting samples of suspect Asbestos-Containing Material (ACM) based on these observations.

The results, findings, conclusions, and recommendations expressed in this report are based on conditions observed during GSG's survey of the project area. The information contained in this report represents conditions at the time of the survey and may not accurately represent conditions at a later date. The conclusions in this report are based on conditions observed in accessible areas of the project area. The possibility exists that suspect hazardous building materials or conditions may exist within wall cavities, voids, or other areas hidden from view which were not observed and cannot be ruled out. Any additional potential hazardous building materials encountered that will be disturbed during the demolition activities and that differ from the materials assessed during this survey, were hidden from view, or were located in an area not accessible will require further sampling and analysis prior to disturbance. The estimated quantities provided herein should be considered approximate and are accurate to the extent allowable under the terms and conditions of our contract. This report has been prepared with generally accepted industry practices and procedures. No other warranty, either expressed or implied, is made.

The investigation did not include access or inspection of confined spaces, underground piping, conduits, and building footings, if any. Materials associated with electrical components and energized equipment were not safely accessible and were not sampled.

2.0 SURVEY METHODOLOGY

The asbestos survey was conducted in compliance with the United States Environmental Protection Agency (USEPA) National Emissions Standards for Hazardous Air Pollutants (NESHAPs), applicable state of Illinois and local asbestos regulations. NESHAP regulations defined Regulated Asbestos-Containing Material (RACM) as a friable asbestos material, a Category I non-friable ACM that has become friable, a Category I non-friable ACM that will be or has been subjected to sanding, grinding, cutting or abrading, or Category II non-friable ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder by the forces acting on it during demolition or renovation. The materials were then classified with regard to whether they are friable or non-friable and classified as Class I or Class II non-friable materials, using the following definitions.

- **Friable:** NESHAP defines a friable ACM as any material containing more than one percent (1%) asbestos, which, when dry, may be crumbled, pulverized, or reduced to powder by hand pressure, and includes previously non-friable material where previously non-friable material becomes damaged to the extent that it may be crumbled, pulverized, or reduced to powder by hand pressure.
- **Category I Non-friable ACM:** NESHAP defines a Category I non-friable ACM as packing, gaskets, resilient floor covering (except vinyl sheet flooring products that are considered friable), and asphalt roofing products that contain more than one (1) percent asbestos as determined using the method specified in **Appendix A**, Subpart F, 40 CFR Part 763, Section 1, Polarized Light Microscopy (PLM).
- **Category II Non-friable ACM:** means any material, excluding Category I non-friable ACM, containing more than 1 percent asbestos as determined using the methods specified in **Appendix A**, Subpart F, 40 CFR Part 763, Section 1, PLM that, when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure.

The survey consisted of three major activities: visual inspection, sampling, and quantification of building materials. A brief description of each of the above elements is provided in the following sections.

2.1 Visual Inspection

The inspector conducted an initial building walkthrough to determine the presence and condition of suspect ACM that were accessible and/or exposed. The survey consisted of accessing accessible areas of the buildings to identify and quantify suspect ACM. The inspector identified Homogeneous Areas (HA) comprised of building materials that appear similar throughout in terms of color and texture and assumed date of installation. Materials that were similar in general appearance were grouped into homogeneous sampling areas. Following the EPA inspection protocol, each identified suspect homogeneous material was placed in one of the following EPA classifications:

1. Surfacing Materials (spray or trowel applied to building members)
2. Thermal System Insulation (materials generally applied to various mechanical systems)
3. Miscellaneous Materials (any materials which do not fit either of the above categories)

2.2 Sampling procedures

The asbestos inspector collected a representative number of samples from each HA. Building materials identified

as concrete (not including cement panels or pipe and soft concrete), glass (including fiberglass), wood, masonry, metal, and plastic are not considered suspect ACM and were not sampled. The survey included destructive, intrusive, and/or exploratory testing unless specifically prohibited by IDOT. Destructive sampling is performed to identify materials that are concealed or obstructed. Concealed or obstructed areas include but are not limited to wall cavities, pipe chases, spaces above fixed ceilings, materials located under carpeting or subfloors, and ceramic tile grout/adhesive. Bulk samples of suspect ACM were collected in general accordance with NESHAP sampling protocols, based on the results of the visual observation. Representative samples of suspect materials were collected of each HA.

A total of thirty-six (36) bulk samples of suspect ACM, three (3) samples for each of the twelve (12) homogeneous areas, were collected from various homogeneous areas of the buildings. Bulk samples were collected from the following materials/homogeneous area(s):

- CMU Mortar
- Brick Mortar
- Drywall System (Tape, Compound, Drywall)
- Door Caulking
- 2'x4' White Pinhole Ceiling Tile
- 12''x12'' Beige Floor Tile & Mastic
- Window Glazing
- White Window Caulk
- Door Caulk
- Water Tank Insulation
- Flat Roofing Material
- Asphaltic Roofing Material

Exhibit 1, Suspect ACM Sample Locations, shows the approximate locations of the suspect ACM collected during the field survey. Samples were placed in new sealable containers and labeled with unique sample numbers using an indelible marker. All non-disposable sampling equipment was wet-wiped and cleaned before and after each use. Bulk material samples were collected in 4-milliliter plastic bags and tightly sealed for transport to the laboratory. Bulk samples were submitted under a strict chain-of-custody (COC) protocol to Stat Analysis Corporation (Sterling Labs) in Chicago, Illinois.

2.3 Quantification

The inspector estimated the quantities of accessible and/or exposed materials that were suspected of containing asbestos using a measuring wheel and/or visual estimation. Actual quantities may differ between visually estimated values and physical measurements. The asbestos abatement contractor is responsible for verifying reported quantities of ACM.

3.0 ANALYTICAL RESULTS

3.1 Testing Procedures

Stat Analysis Corporation (Sterling Labs) analyzed the bulk samples using PLM method with dispersion staining techniques per USEPA methodology "Method for the Determination of Asbestos in Bulk Building Materials, EPA/600/R-93/116, July 1993". This is a standard method of analysis in optical mineralogy and the currently accepted method for the determination of asbestos in bulk samples. A suspect material is immersed in a solution of known refractive index and subjected to illumination by polarized light. The characteristic color displays which enable mineral identification. It should be noted that some ACM may not be accurately identified and/or quantified by PLM. The percentage of asbestos applicable was determined by microscopic visual estimation. Stat Analysis Corporation (Sterling Labs) analyzed each layer of each sample individually, which means if multiple layers are detected in the same sample (i.e., roof field), each layer was analyzed, and a separate result was provided for each layer. If any of the sample results from a homogeneous group had a positive result, that homogeneous group was considered to be ACM. Stat Analysis Corporation (Sterling Labs) is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP Accreditation Number 101202-0). Refer to **Appendix D** for laboratory accreditations.

It should be noted that some ACMs might not be accurately identified and/or quantified by PLM. As an example, the original fabrication of vinyl floor tiles routinely involved milling of asbestos fibers to extremely small sizes. As a result, these fibers may go undetected under the standard PLM methods. Transmission Electron Microscopy (TEM) is required for a more definitive analysis of these materials. This survey revealed the presence of floor tiles with less than 1% asbestos via PLM analysis. GSG recommends additional analysis by TEM as described above and recommended by the Illinois Department of Public Health.

3.2 Findings

GSG identified a total of twelve (12) HAs from which thirty-six (36) samples were collected and analyzed. Results are summarized in **Table 1** and include a description of each material, location, material type, test results, and estimated quantity. Materials indicated to have a "negative" result were confirmed by PLM analysis to be non-asbestos-containing. The laboratory results are providedin **Appendix A** and reference photographs are included in **Appendix B**. The USEPA defines ACM as a material containing greater than 1% asbestos. Materials containing less than 1% asbestos are not regulated by the USEPA or the State of Illinois, but their disturbance is regulated by OSHA.

All the representative samples collected by GSG during this survey were identified to be non-asbestos-containing.

The laboratory reported that asbestos was Not Detected (ND) in the remaining bulk samples collected by GSG. **Exhibit 2, ACM Locations,** shows the approximate locations of ACM present in the building.

4.0 RECOMMENDATIONS

GSG understands that the residential property will be demolished as part of the I-80 improvement project. ACM identified at the site must be removed and managed in accordance with all federal, state, and local regulations governing asbestos. ACM abatement and management are subject to the US EPA, the Occupational and Health Administration (OSHA), Illinois Department of Public Health (IDPH), the Illinois Environmental Protection Agency (Illinois EPA), and other applicable federal, state, and local government regulations. The following regulations governing asbestos removal and disposal:

1. U.S. Environmental Protection Agency Regional National Emissions Standards for Hazardous Air Pollutants (NESHAP) (40 CFR Part 61 Subpart A and M).
2. U.S. Department of Transportation "Hazardous Substances Final Rule" 49 CFR 171 and 172, November 21, 1986, February 17, 1987.
3. U.S. Department of Labor Occupational Safety and Health Administration (OSHA) Asbestos Regulations (Code of Federal Regulations Title 29, Part 1910, Section 1910.1001 and Part 1926, Section 1926.1101).
4. State of Illinois, Commercial and Public Building Asbestos Abatement Act. Illinois Department of Public Health, Rules for Asbestos Abatement for Public and Private Schools and Commercial and Public Buildings in Illinois (77 IL Admin. Code 855).

All friable asbestos-containing building materials (ACBMs) identified shall be removed from any building(s) or other structures before demolition. Non-friable ACM may be left in place, unless during demolition, the ACM may become friable. If other suspect materials not referenced in this survey report, within or on the outside of the buildings, are identified, not listed in **Table 1**, such materials shall be assumed ACM until the materials are inspected by a licensed asbestos inspector, sampled, and submitted for laboratory analysis.

Any suspect material that is discovered during the project activities and is not listed in **Table 1**, were not tested during this survey. Such materials shall be assumed and treated as ACM until tested and proven otherwise. If ACM is identified, GSG recommends the preparation of an asbestos abatement project design before any demolition. An asbestos abatement design plan and specifications should include information regarding the location of containments and barriers, type of sealant, and air sampling requirements and clearance during the asbestos abatement activities. The asbestos design plan and specifications shall be prepared and signed by an IDPH licensed asbestos project designer following Illinois regulations. Before starting any abatement activities, an asbestos abatement notification is required for all asbestos projects and must be applied for at least ten (10) working days before the start of the project. A building demolition notification is required for all demolition projects and must be applied for at least ten (10) working days before the start of the project.

Abatement and emergency response shall be conducted only by IDPH licensed asbestos abatement contractor(s) under the supervision of a licensed asbestos project manager in accordance with all applicable federal, state, and local regulations. Workers who abate or manage asbestos must receive the proper training and licensing. OSHA prescribes required personnel monitoring including air monitoring and medical monitoring (ref 29 CFR 1926.1101). Personnel protective equipment and procedures are also required.

All asbestos waste generated from the required pre-demolition removal activities during the project must be wetted before it is double bagged in 6-millimeter plastic bags and enclosed in a plastic, leak-tight container with

a lid and proper labeling. No visible emissions to the outside air during the collection, processing, packaging, or transporting of any asbestos-containing waste material. Asbestos waste is a “special waste” in Illinois. Asbestos-containing waste can only be disposed of in Subtitle D landfills that are designated to receive asbestos waste.

5.0 LIMITATIONS

This report has been prepared for the exclusive use of the Illinois Department of Transportation (IDOT) and its Design Section Engineer consultant. GSG warrants that the investigations and methodology reflect our best efforts based upon the prevailing standard of care in the environmental field. This assessment was limited to those materials which were readily accessible and visible with limited demolition of building components. Additional suspect materials may be located behind walls and ceilings. The survey is subject to the following limitations.

- The investigation did not include sampling on any system which may present a hazard to the inspection team such as energized electrical systems or within confined spaces
- Estimated quantities of the ACM are based on observations during the field survey and additional materials may be concealed or were not accessible. Therefore, all estimated quantities shall be field verified by the abatement contractor.

6.0 CERTIFICATION

The undersigned hereby affirm that the conditions described herein are accurate to the best of our knowledge and belief and are subject to the limitations inherent in the investigative techniques used and any expressed limitations of this survey. Applicable licensing to perform the described survey activities was valid at the time of performance of services in accordance with applicable federal, state and local laws, rules, and regulations.

Inspection Performed By:

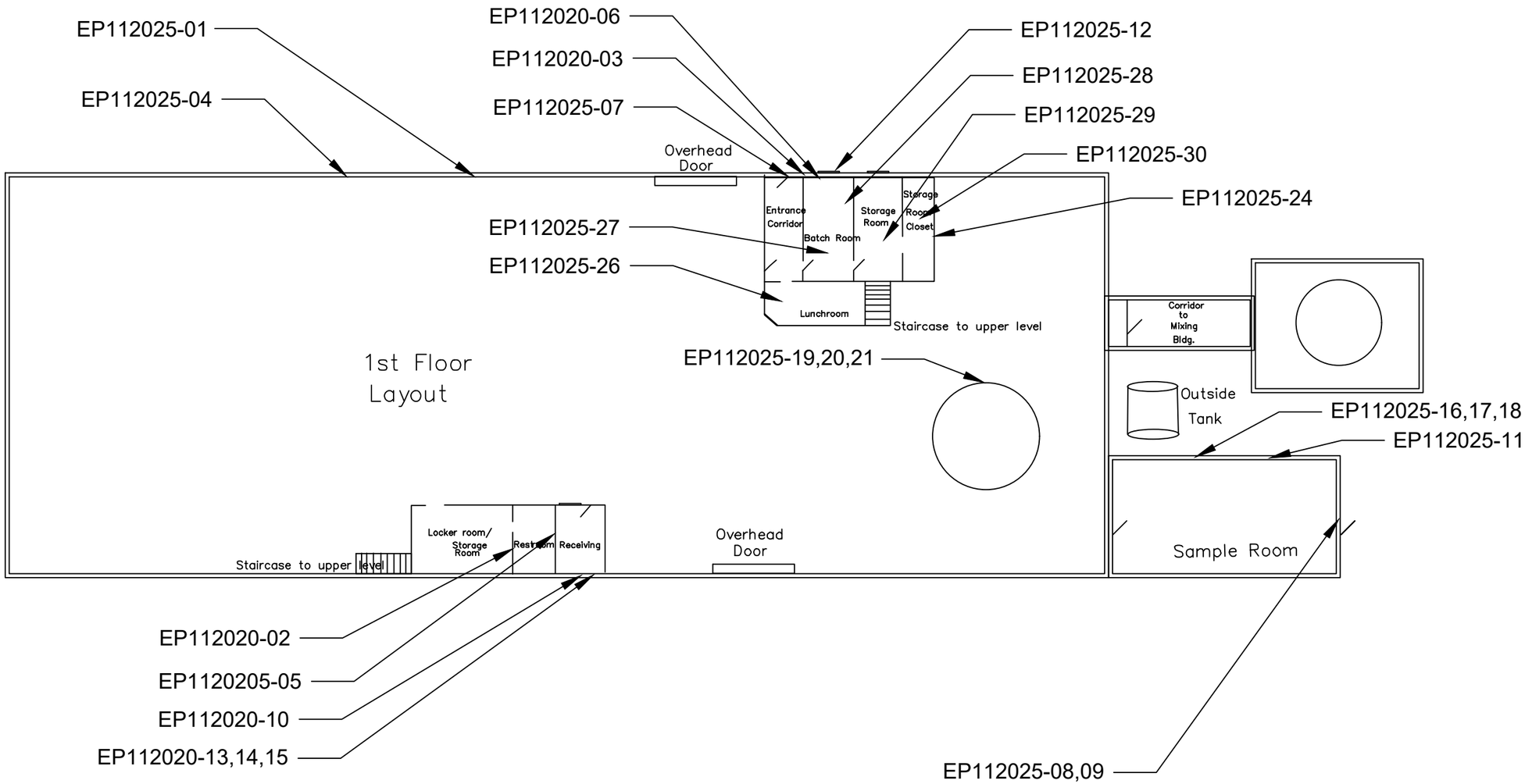
Erin Pahomi	100-20674
Asbestos Inspector's Name	IDPH License Number
epahomi	12.29.2025
Asbestos Inspector's Signature	Date

EXHIBITS

Exhibit 1 **Suspect ACM Sample Location Plans**

EXHIBIT 1

SL-1, SL-2, and SL-3
Suspect ACM Sample Location Plans



1ST FLOOR
SCALE = N.T.S.

LEGEND

SUSPECT ACM SAMPLE LOCATIONS: EP112025-XX

BATCH NUMBER: 376863

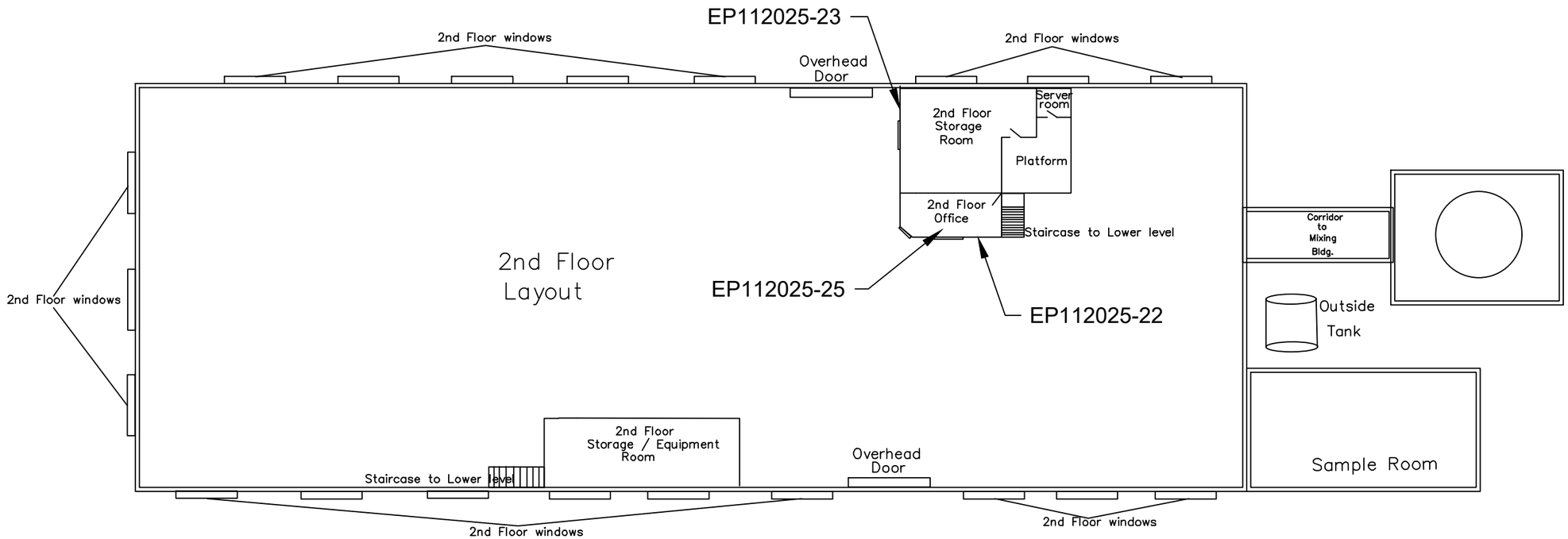
SUSPECT ASBESTOS-CONTAINING MATERIAL SAMPLE LOCATION PLAN

ASBESTOS SURVEY FOR BUILDING DEMOLITION (I-80)
504 RAILROAD STREET
JOLIET,IL,60436

GSG CONSULTANTS, INC.
738 E. REMINGTON RD. SCHAUMBURG, IL 60173
TEL: 1+630.994.3400 | WWW.GSG-CONSULTANTS.COM
ILLINOIS PROFESSIONAL DESIGN FIRM # 184-002852

DRAWN BY:	PROJECT:
UL	21-2007
CHECKED BY:	SCALE:
KB	NTS
DATE:	SHEET #:
11/24/25	1 OF 3
SHEET NAME:	

SL-1



2ND FLOOR
SCALE = N.T.S.

LEGEND

SUSPECT ACM SAMPLE LOCATIONS: EP112025-XX

BATCH NUMBER: 376863

SUSPECT ASBESTOS-CONTAINING MATERIAL SAMPLE LOCATION PLAN

ASBESTOS SURVEY FOR BUILDING DEMOLITION (I-80)
504 RAILROAD STREET
JOLIET,IL,60433

GSG CONSULTANTS, INC.
738 E. REMINGTON RD. SCHAUMBURG, IL 60173
TEL: +1 630.924.2400 | WWW.GSG-CONSULTANTS.COM
ILLINOIS PROFESSIONAL DESIGN FIRM # 184-002832

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UL	21-2007
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KB	NTS
DATE:	SHEET #:
11/24/25	2 OF 3
SHEET NAME:	

SL-2

LEGEND

SUSPECT ACM SAMPLE LOCATIONS: EP112025-XX

BATCH NUMBER: 376863

SUSPECT ASBESTOS-CONTAINING MATERIAL SAMPLE LOCATION PLAN

ASBESTOS SURVEY FOR BUILDING DEMOLITION (I-80)
504 RAILROAD STREET
JOLIET, IL, 60433

GSG CONSULTANTS, INC.
735 E. BUNGTON RD, SCHAUMBURG, IL 60173
TEL: (+1630.924.2400 | WWW.GSG-CONSULTANTS.COM
ILLINOIS PROFESSIONAL DESIGN FIRM # 184-002852

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KB	NTS
DATE:	SHEET #:
11/24/25	3 OF 3
SHEET NAME:	

SL-3

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APPENDIX A

Analytical Testing Results

STAT Analysis Corporation
2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

NVLAP Lab Code 101202-0

ASBESTOS ANALYSIS BY POLARIZED LIGHT MICROSCOPY

Method: EPA-600/M4-82-020

GSG Consultants, Inc.
735 Remington Road
Schaumburg, IL 60173
Phone: (630) 994-2600
Fax: (312) 733-5612

Reference:	I-80 Over Des Plaines	Date Received:	11/20/2025
Location:	Ozinga, Joliet, IL	Date Analyzed:	11/26/2025
Batch No.:	376863	Date Reported:	11/26/2025
Customer No.:	4651	Turn Around Time:	5 Days

Laboratory Sample	Customer Sample Number	Asbestos Components (%)	Non-Asbestos Components (%)
376863001	EP112025-1	ND	Cellulose 1-5% Binder 95-99%
376863002	EP112025-2	ND	Cellulose 1-5% Binder 95-99%
376863003	EP112025-3	ND	Cellulose 1-5% Binder 95-99%
376863004	EP112025-4	ND	Cellulose 1-5% Binder 95-99%
376863005	EP112025-5	ND	Cellulose 1-5% Binder 95-99%
376863006	EP112025-6	ND	Cellulose 1-5% Binder 95-99%
376863007	EP112025-7	ND	Cellulose 1-5% Binder 95-99%
376863008	EP112025-8	ND	Cellulose 1-5% Binder 95-99%
376863009	EP112025-9	ND	Cellulose 1-5% Binder 95-99%
376863010	EP112025-10	ND	Cellulose 1-5% Binder 95-99%

ND = Asbestos Not Detected (Not Present) NA = Not Analyzed NS = Not Submitted

Components of inhomogeneous samples are analyzed per our Standard Operating Procedure, or per customer request.

The use of the NVLAP logo does not imply endorsement by NVLAP or any agency of the US Government.

Analyzed by Name : Daniel Mikos / Microscopist/Departme Date: 11/26/2025

STAT Analysis Corporation
2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

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Batch No.:	376863	Date Reported:	11/26/2025
Customer No.:	4651	Turn Around Time:	5 Days

Laboratory Sample	Customer Sample Number	Asbestos Components (%)	Non-Asbestos Components (%)
376863011	EP112025-11	ND	Cellulose 1-5% Binder 95-99%
376863012	EP112025-12	ND	Cellulose 1-5% Binder 95-99%
376863013	EP112025-13	ND	Cellulose 1-5% Binder 95-99%
376863014	EP112025-14	ND	Cellulose 1-5% Binder 95-99%
376863015	EP112025-15	ND	Cellulose 1-5% Binder 95-99%
376863016	EP112025-16	ND	Cellulose 1-5% Binder 95-99%
376863017	EP112025-17	ND	Cellulose 1-5% Binder 95-99%
376863018	EP112025-18	ND	Cellulose 1-5% Binder 95-99%
376863019	EP112025-19	ND	Cellulose 1-5% Binder 95-99%
376863020	EP112025-20	ND	Cellulose 1-5% Binder 95-99%

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Analyzed by Name : Daniel Mikos / Microscopist/Departme Date: 11/26/2025

STAT Analysis Corporation
2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

NVLAP Lab Code 101202-0

ASBESTOS ANALYSIS BY POLARIZED LIGHT MICROSCOPY

Method: EPA-600/M4-82-020

GSG Consultants, Inc.
735 Remington Road
Schaumburg, IL 60173
Phone: (630) 994-2600
Fax: (312) 733-5612

Reference:	I-80 Over Des Plaines	Date Received:	11/20/2025
Location:	Ozinga, Joliet, IL	Date Analyzed:	11/26/2025
Batch No.:	376863	Date Reported:	11/26/2025
Customer No.:	4651	Turn Around Time:	5 Days

Laboratory Sample	Customer Sample Number	Asbestos Components (%)	Non-Asbestos Components (%)
376863021	EP112025-21	ND	Cellulose 1-5% Binder 95-99%
376863022	EP112025-22	ND	Cellulose 1-5% Binder 95-99%
376863023	EP112025-23	ND	Cellulose 1-5% Binder 95-99%
376863024	EP112025-24	ND	Cellulose 1-5% Binder 95-99%
376863025	EP112025-25	ND	Cellulose 35-40% Binder 60-65%
376863026	EP112025-26	ND	Cellulose 35-40% Binder 60-65%
376863027	EP112025-27	ND	Cellulose 35-40% Binder 60-65%
376863028	EP112025-28	ND	Cellulose 1-5% Binder 95-99%
376863029	EP112025-29	ND	Cellulose 1-5% Binder 95-99%
376863030	EP112025-30	ND	Cellulose 1-5% Binder 95-99%

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STAT Analysis Corporation
2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

NVLAP Lab Code 101202-0

ASBESTOS ANALYSIS BY POLARIZED LIGHT MICROSCOPY

Method: EPA-600/M4-82-020

GSG Consultants, Inc.
735 Remington Road
Schaumburg, IL 60173
Phone: (630) 994-2600
Fax: (312) 733-5612

Reference: I-80 Over Des Plaines
Location: Ozinga, Joliet, IL
Batch No.: 376863
Customer No.: 4651

Date Received: 11/20/2025
Date Analyzed: 11/26/2025
Date Reported: 11/26/2025
Turn Around Time: 5 Days

Laboratory Sample	Customer Sample Number	Asbestos Components (%)	Non-Asbestos Components (%)
376863031	EP112025-28M	ND	Cellulose 1-5% Binder 95-99%
376863032	EP112025-29M	ND	Cellulose 1-5% Binder 95-99%
376863033	EP112025-30M	ND	Cellulose 1-5% Binder 95-99%
376863034	EP112025-31	ND	Binder 95-99% Other 1-5%
376863035	EP112025-32	ND	Binder 95-99% Other 1-5%
376863036	EP112025-33	ND	Binder 95-99% Other 1-5%
376863037	EP112025-34	ND	Cellulose 15-20% Binder 80-85%
376863038	EP112025-35	ND	Cellulose 15-20% Binder 80-85%
376863039	EP112025-36	ND	Cellulose 15-20% Binder 80-85%

ND = Asbestos Not Detected (Not Present) NA = Not Analyzed NS = Not Submitted

Components of inhomogeneous samples are analyzed per our Standard Operating Procedure, or per customer request.

The use of the NVLAP logo does not imply endorsement by NVLAP or any agency of the US Government.

Analyzed by Name : Daniel Mikos / Microscopist/Departme Date: 11/26/2025

GSG CONSULTANTS, INC.
Engineering and Industrial Hygiene Services
735 Remington Road
Schaumburg, IL 60173
(630) 994-2600 Fax: (312) 733-5612
www.gsg-consultants.com

376863

PLM BULK LABORATORY ANALYSIS FORM

Project Name: I-80 over Des Plaines	**Project Manager:** Kyle Boyd
Project Number:	**Building Inspector:** Erin Pahomi
Project Address: Ozinga	**IDPH Number:**
City/ State: Joliet, IL	**Work Day:** S M T W (TH) F S
Client: WSP	**Analyze by Method:** EPA/600/R-93-116
Date: 11/20/25	

Field Number	HA Number	Type of material, specific sample location (i.e. Room Number, Building Construction Date)
EP112025-1	1	CMU mortar - Garage
2	|	| - Bathroom
3		- Office
4	2	Brick mortar - Garage
5	|	| - Bathroom
6		- Office
7	3	Door caulk - W Entrance
8	|	| Storage
9		
10	4	Window caulk - Office
11	|	| - Storage
12		- Control room
13	5	Window Glazing - Office
14	|	|
15		

TURN AROUND TIME: 1 Day / 2 Days / 3 Days / **(5 Day) Other** (circled)	**COMMENTS:** E-mail Results to: epahomi@gsg-consultants.com STOP AT FIRST POSITIVE

CHAIN OF CUSTODY RECORD

	Date:	Time:		Date:	Time:
Collected By(Signature) [signature]	11/20/25		Relinquished by (Signature) [signature]	11/20/25	1120
Received by: (Signature) [signature]	11-20-25	11:20	Relinquished by: (signature) [signature]	11-20-25	11:27
Dispatched by: (Signature, if mailed)			Received for Laboratory by: [signature]	11-20-25	11:27

Definitions: BLK-Bulk Sample, PLM-Polarized Light Microscopy, TEM-Transmission Electron Microscope

Recv'd [signature] 11/20/25 12:46

reliq: [signature] 11-20-25 12:46

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Schaumburg, IL 60173
(630) 994-2600 Fax: (312) 733-5612
www.gsg-consultants.com

376863

PLM BULK LABORATORY ANALYSIS FORM

Project Name:	Project Manager:
Project Number:	Building Inspector:
Project Address:	IDPH Number:
City/ State:	Work Day: S M T W TH F S
Client:	Analyze by Method: EPA/600/R-93-116
Date:	

Field Number	HA Number	Type of material, specific sample location (i.e. Room Number, Building Construction Date)
EP112025-16	6	window caulk (glass Block) - lab
17	|	| |
18		
19	7	water tank insulation - garage
20	|	| |
21		
22	8	Drywall system - mezzanine office
23	|	| - Storage
24		- closet
25	9	2'x4 white pinhole ceiling tile - mezzanine office
26	|	| - Break room
27		- control room
28	10	12"x12" Beige VFT + mastic - control room
29	|	| - Storage room
30		- closet

TURN AROUND TIME: 1 Day / 2 Days / 3 Days / (5 Day) Other ✓	COMMENTS: E-mail Results to: epahomi@gsg-consultants.com STOP AT FIRST POSITIVE

CHAIN OF CUSTODY RECORD

	Date:	Time:		Date:	Time:
Collected By(Signature) [signature]	11/20/25		Relinquished by (Signature) [signature]	11/20/25	1120
Received by: (Signature) [signature]	11-20-25	11:20	Relinquished by: (signature) [signature]	11-20-25	11:27
Dispatched by: (Signature, if mailed)			Received for Laboratory by: [signature]	11-20-25	11:27

Definitions: BLK-Bulk Sample, PLM-Polarized Light Microscopy, TEM-Transmission Electron Microscope.

Rec: [signature] 11/20/25 12:46 relinq: [signature] 11-20-25 12:46

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376863

PLM BULK LABORATORY ANALYSIS FORM

Project Name:	**Project Manager:**
Project Number:	**Building Inspector:**
Project Address:	**IDPH Number:**
City/ State:	**Work Day:** S M T W TH F S
Client:	**Analyze by Method:** EPA/600/R-93-116
Date:	

Field Number	HA Number	Type of material, specific sample location (i.e. Room Number, Building Construction Date)
EF112025-31	11	Flat roofing Material
-32	|	|
-33	|	
-34	12	Asphaltic Roofing material
-35	|	
-36	|	

TURN AROUND TIME: **1 Day** **2 Days** **3 Days** **(5 Day) Other**	**COMMENTS:** E-mail Results to: epahomi@gsg-consultants.com STOP AT FIRST POSITIVE

CHAIN OF CUSTODY RECORD

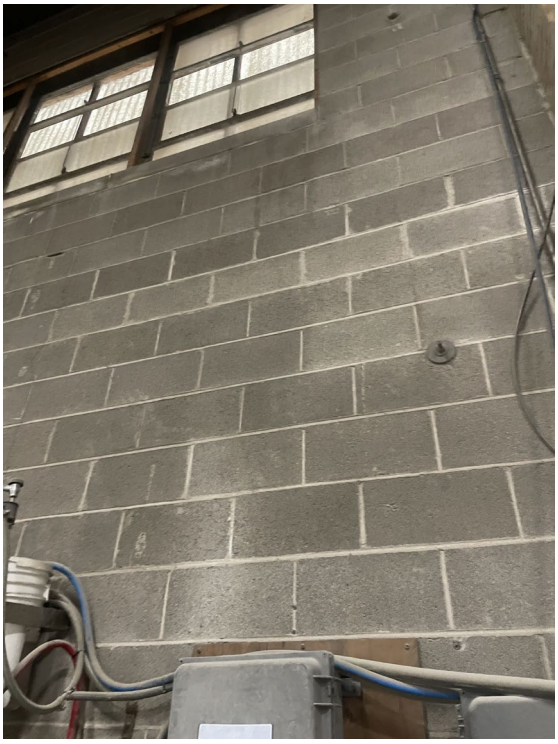
Collected By(Signature) [signature]	Date: 11/20/25	Time:	Relinquished by (Signature) [signature]	Date: 11/20/25	Time: 1120
Received by: (Signature) [signature]	Date: 11-20-25	Time: 11:20	Relinquished by: (signature) [signature]	Date: 11-20-25	Time: 11:27
Dispatched by: (Signature, if mailed)	Date:	Time:	Received for Laboratory by: [signature]	Date: 11-20-25	Time: 11:27

Definitions: BLK-Bulk Sample, PLM-Polarized Light Microscopy, TEM-Transmission Electron Microscope

Rec: M Fidd[illegible] 11/20/25 12:46 relinq. [signature] 11-20-25 12:46

APPENDIX B

Reference Photographs



Material Description:
CMU Mortar

Photo Location:
Garage

ILLINOIS DEPARTMENT OF TRANSPORTATION **I-80 OVER DES PLAINES RIVER BRIDGE IMPROVEMENTS**	GSG Consultants, Inc. 735 Remington Road Schaumburg, Illinois 60173	**Date:** 11/20/25

Material Description:
Brick Mortar

Photo Location:
Garage

ILLINOIS DEPARTMENT OF TRANSPORTATION **I-80 OVER DES PLAINES RIVER BRIDGE IMPROVEMENTS**	GSG Consultants, Inc. 735 Remington Road Schaumburg, Illinois 60173	**Date:** 11/20/25

Material Description:
Grey Door Caulk

Photo Location:
West Entrance

ILLINOIS DEPARTMENT OF TRANSPORTATION **I-80 OVER DES PLAINES RIVER BRIDGE IMPROVEMENTS**	GSG Consultants, Inc. 735 Remington Road Schaumburg, Illinois 60173	**Date:** 11/20/25

Material Description:
White Window Caulk

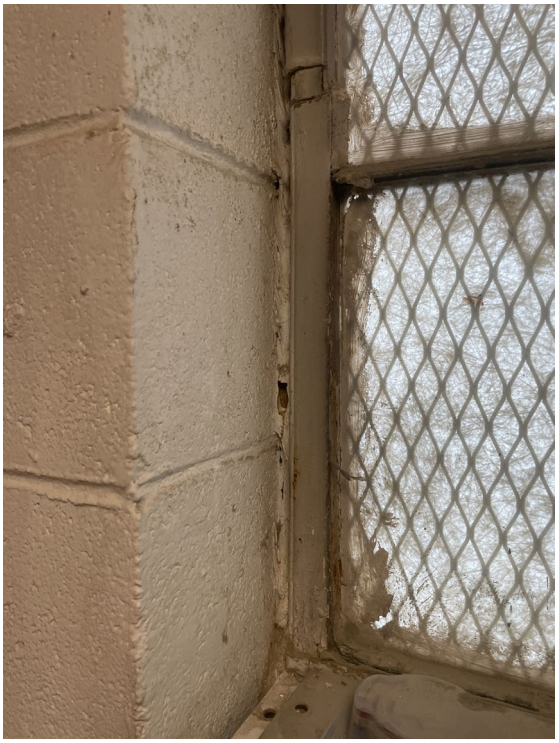
Photo Location:
Office

ILLINOIS DEPARTMENT OF TRANSPORTATION **I-80 OVER DES PLAINES RIVER BRIDGE IMPROVEMENTS**	GSG Consultants, Inc. 735 Remington Road Schaumburg, Illinois 60173	**Date:** 11/20/25

Material Description:
Grey Window Glazing

Photo Location:
Office

ILLINOIS DEPARTMENT OF TRANSPORTATION **I-80 OVER DES PLAINES RIVER BRIDGE IMPROVEMENTS**	GSG Consultants, Inc. 735 Remington Road Schaumburg, Illinois 60173	**Date:** 11/20/25



Material Description:
White Window Caulk

Photo Location:
Lab

ILLINOIS DEPARTMENT OF TRANSPORTATION **I-80 OVER DES PLAINES RIVER BRIDGE IMPROVEMENTS**	GSG Consultants, Inc. 735 Remington Road Schaumburg, Illinois 60173	**Date:** 11/20/25

Material Description:
Water Tank Insulation

Photo Location:
Garage

ILLINOIS DEPARTMENT OF TRANSPORTATION **I-80 OVER DES PLAINES RIVER BRIDGE IMPROVEMENTS**	GSG Consultants, Inc. 735 Remington Road Schaumburg, Illinois 60173	**Date:** 11/20/25

Material Description:
Drywall System (Tape, Compound, Drywall) & 2'x4' White Pinhole Ceiling Tile

Photo Location:
Garage Roof

ILLINOIS DEPARTMENT OF TRANSPORTATION **I-80 OVER DES PLAINES RIVER BRIDGE IMPROVEMENTS**	GSG Consultants, Inc. 735 Remington Road Schaumburg, Illinois 60173	**Date:** 11/20/25

Material Description:
12”x12” Beige VFT & Mastic

Photo Location:
Control Room

ILLINOIS DEPARTMENT OF TRANSPORTATION **I-80 OVER DES PLAINES RIVER BRIDGE IMPROVEMENTS**	GSG Consultants, Inc. 735 Remington Road Schaumburg, Illinois 60173	**Date:** 11/20/25

Material Description:
Flat Roofing Material

Photo Location:
Roof

ILLINOIS DEPARTMENT OF TRANSPORTATION **I-80 OVER DES PLAINES RIVER BRIDGE IMPROVEMENTS**	GSG Consultants, Inc. 735 Remington Road Schaumburg, Illinois 60173	**Date:** 11/20/25

Material Description:
Asphaltic Roofing Material

Photo Location:
Roof

ILLINOIS DEPARTMENT OF TRANSPORTATION **I-80 OVER DES PLAINES RIVER BRIDGE IMPROVEMENTS**	GSG Consultants, Inc. 735 Remington Road Schaumburg, Illinois 60173	**Date:** 11/20/25

APPENDIX C

Inspector Licenses and Training Certifications

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

Erin Pahomi

has successfully completed the Asbestos Building Inspector Refresher course and has passed the competency exam with a minimum score of 70%. The course is accredited by the Illinois Department of Public Health and Indiana Department of Environmental Management for purposes of accreditation in accordance with EPA 40 CFR 763, Asbestos Hazard Emergency Response Act (AHERA) and TSCA Title II.

Course Date: 1/18/2025

Exam Date: 1/18/2025

Expiration Date: 1/18/2026

Certificate Number: BIR2501180283

Course Credit Hours: BIR 4 Hours

Kristina Miczek

Kristina Miczek, Training Manager

RIN PAHOMI
016 N PLUM GROVE APT 316
CHAUMBURG, IL 60173

5/28/2025

SBESTOS PROFESSIONAL LICENSE ID NUMBER: 20674

closed is your Asbestos Professional License. Please note the expiration date on the card and in the imag
picted below.

COPY OF THE ASBESTOS PROFESSIONAL LICENSE

Front of License

IDPH

ASBESTOS PROFESSIONAL LICENSE

ID NUMBER	ISSUED	EXPIRES
100 - 20674	5/28/2025	05/15/2026

ERIN PAHOMI
1016 N PLUM GROVE APT 316
SCHAUMBURG, IL 60173
Environmental Health

Back of License

ENDORSEMENTS	TC EXPIRES
INSPECTOR	1/18/2026

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.

have any questions or need further assistance, contact the Asbestos Program at (217)782-3517 or
85-5897.

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

APPENDIX D

Laboratory Accreditations

United States Department of Commerce
National Institute of Standards and Technology

Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 101202-0

STAT Analysis Corporation

Chicago, 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).

2025-07-01 through 2026-06-30

Effective Dates

For the National Voluntary Laboratory Accreditation Program

National Voluntary
Laboratory Accreditation Program

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

STAT Analysis Corporation
Sterling Labs
2242 W. Harrison Suite 200
Chicago, IL 60612
Joseph Gusek
Phone: 312-733-0551
Email: jgusek@thesterlinglab.com
www.thesterlinglab.com

ASBESTOS FIBER ANALYSIS **NVLAP LAB CODE 101202-0**

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