ASBESTOS SURVEY REPORT

PTB 196-032
Asbestos Survey for Building Demolition (I-80)
601 Water Street, Joliet, Illinois
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

April 9, 2025

GSG CONSULTANTS, INC.

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

April 9, 2025

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
601 Water Street, Joliet, IL
Parcel No. 1P10138

Dear Mr. Skaleski:

GSG Consultants Inc 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 — April 9, 2025
Erin Pahomi — Date
Asbestos Building Inspector
Inspector License No: 100-20674

Reviewed By: — April 9, 2025
Thaddeus Cagney, LPG — Date
Senior Project Manager

QA Manager: Ala Sassila — April 9, 2025
Ala E Sassila, Ph.D., PE — Date

TABLE OF CONTENTS

TABLES

EXHIBITS

APPENDICES

ACRONYMS AND ABBREVIATIONS

ACM	Asbestos-Containing Materials
ACBM	Asbestos-Containing Building Materials
AHERA	Asbestos Hazard Emergency Response Act
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:	601 Water Street
County:	Will	City, State, Zip	Joliet, IL 60433
Section:	N/A	Property Type:	Single-Family Residential
IDOT Job No.	D-91-204-19	Construction Date:	1912
Parcel No.	1P10138	Building Size:	950 SF

ASBESTOS CONTAINING MATERIALS		
Survey Date:	March 25, 2025	
Weather Conditions:	45°F, Cloudy	
By Whom: Firm: Inspector: IDPH License No.	 GSG Consultants, Inc Tim Walsh 100-08900	
Results:	Number of Material Types Sampled	**10**
	Number of Samples Collected:	**30**
	Number of Materials Tested Positive:	**1**
	Was Friable ACM Found?	**No**
	Were Roofing Materials Sampled?	**Yes**
	Are There Unique State or Local Requirements?	**No**
Laboratory Used:	Name: Sterling Labs Address: 2242 W. Harrison Street, Chicago, Illinois NVLAP: 101202-0	
Building Access Limitations:	None	

ASBESTOS-CONTAINING MATERIALS (ACM) SURVEY RESULTS:

Parcel No. 1P10138
Residential Property
601 Water Street, Joliet, Illinois

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	Tan & Brown Stone Pattern Linoleum	Kitchen	Misc.	Good	No	ND	3	N/A
2	Drywall System	Throughout	Misc.	Good	No	ND	3	N/A
3	Sink Caulk	Kitchen	Misc.	Good	No	ND	3	N/A
4	**Duct Tape**	**Basement**	**TSI**	**Good**	**No**	**Chrysotile 15-20%**	**3**	**20 LF**
5	Attic Insulation	Attic	TSI	Good	No	ND	3	N/A
6	Chimney Brick	Roof	Misc.	Good	No	ND	3	N/A
7	Stucco Siding	Exterior	Surf.	Good	No	ND	3	N/A
8	Window Glazing	Exterior	Misc.	Good	No	ND	3	N/A
9	Roofing Material	Roof	Misc.	Good	No	ND	3	N/A
10	Roof Flashing	Roof	Misc.	Good	No	ND	3	N/A
Total Estimated Quantity of ACM								20 LF

(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. 1P10138 located at 601 Water Street in Joliet, Illinois. The site is improved with a one-story, single-family house approximately 950 square feet in size with an unfinished basement, attic, and an asphalt shingled roof. The interior walls and ceilings are drywall, and the floors are carpet, wood, and linoleum. The building exterior is masonry.

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 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
- **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, Polarized Light Microscopy 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 asbestos-containing materials (ACMs) that were accessible and/or exposed. The survey consisted of accessing accessible areas of the buildings to identify and quantify regulated RACM. 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 Asbestos Hazard Emergency Response Act (AHERA) sampling protocols, based on the results of the visual observation. Random samples of suspect materials were collected of each HA.

A total of 30 bulk samples of suspect ACM, three (3) samples for each of the 10 homogeneous areas, were collected from various homogeneous areas of the buildings. Bulk samples were collected from the following materials/homogeneous area(s):

- Tan & Brown Stone Pattern Linoleum
- Drywall System
- Sink Caulk
- Duct Tape
- Attic Insulation
- Chimney Brick
- Stucco Siding
- Window Glazing
- Roofing Material
- Roof Flashing

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 chain-of-custody (COC) protocol to 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

Sterling Lab analyzed the bulk samples using polarized light microscopy (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. Sterling analyzed each layer of each sample, 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. Sterling Labs is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP Accreditation Number 101202-0). Refer to **Appendix D** for laboratory accreditations.

3.2 Findings

GSG identified a total of 10 HAs from which 30 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.

The following **HA was confirmed** to be **ACM**:

- Duct Tape

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 ACMs present in the building.

4.0 RECOMMENDATIONS

GSG understands that the residential property will be demolished as part of the I-80 improvement project. ACMs identified at the site must be removed/manager in accordance with all federal, state, and local regulations governing asbestos. ACMs abatement and management are subject to the US Environmental Protection Agency (USEPA, 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 ACMs may be left in place, unless during demolition, the ACMs 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 ACMs until the materials are inspected by a licensed asbestos inspector, sampled, and submitted for laboratory analysis.

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. Discharge 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

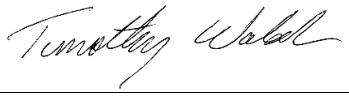
This report has been prepared for the exclusive use of the Illinois Department of Transportation (IDOT) and its Design Section Engineer consultant. GSG warrants that the investigations and methodology reflect our best efforts based upon the prevailing standard of care in the environmental field. This assessment was limited to those materials which were readily visible and with limited demolition and removal 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
- Materials associated with electrical components and energized equipment were not safely accessible and were not sampled.
- Estimated quantities of the ACMs 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:

Tim Walsh	100-08900
Asbestos Inspector's Name	IDPH License Number
	4.8.2025
Asbestos Inspector's Signature	Date

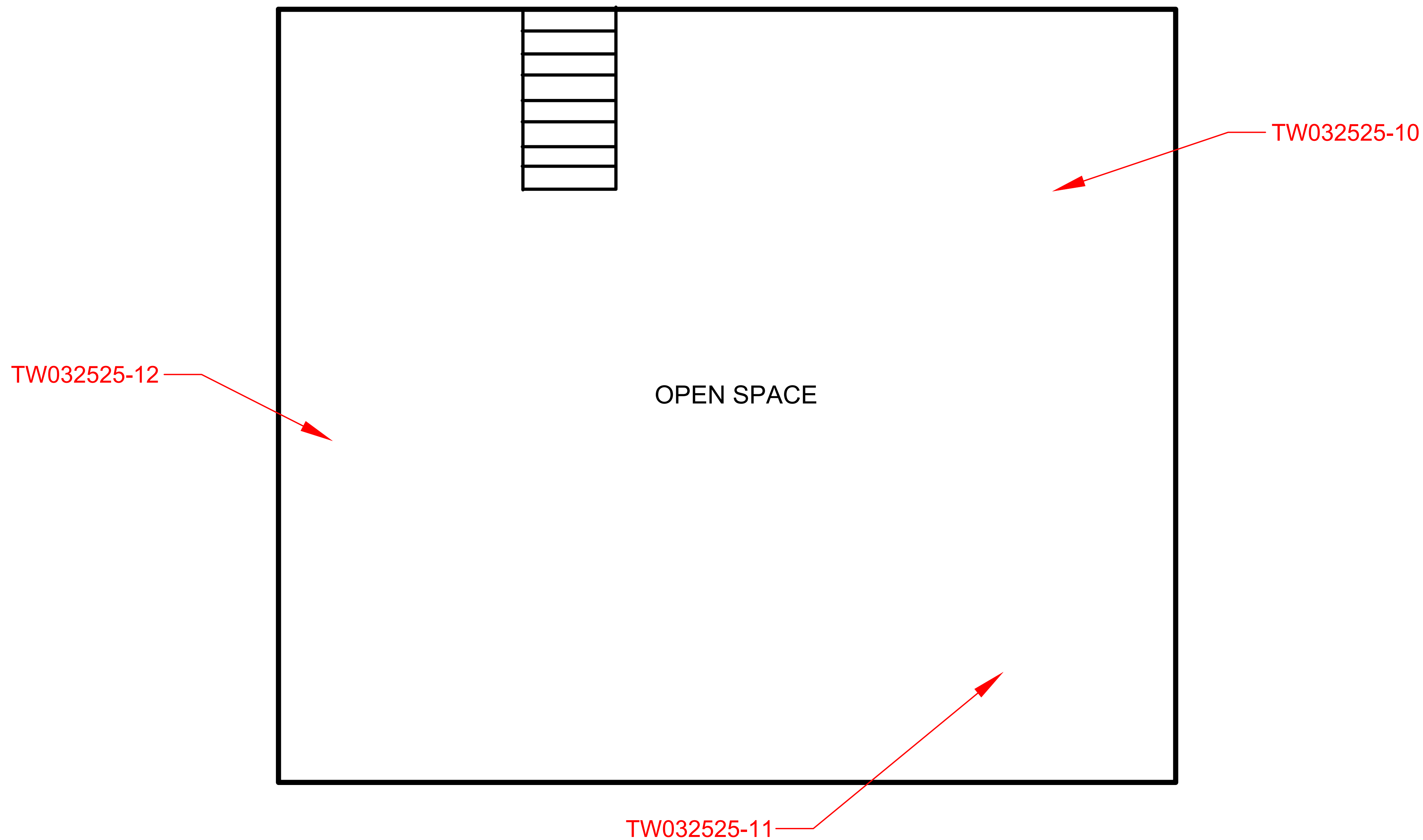
EXHIBITS

Exhibit 1 **Suspect ACM Sample Location Plans**

Exhibit 2 **Asbestos-Containing Materials Location Plan**

EXHIBIT 1

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



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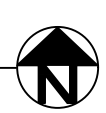

LEGEND

SUSPECT ACM SAMPLE LOCATIONS: TW032525-XX

BATCH NUMBER: 374265

RED SAMPLES TESTED POSITIVE FOR ASBESTOS

SUSPECT ASBESTOS-CONTAINING MATERIALS SAMPLE LOCATION PLAN

ASBESTOS SURVEY FOR BUILDING DEMOLITION (I-80)
601 WATER STREET
JOLIET, IL, 60436

GSG CONSULTANTS, INC.
735 E. REMINGTON RD, SCHAUMBURG, IL 60173
TEL: +1630.994.2600 | WWW.GSG-CONSULTANTS.COM
ILLINOIS PROFESSIONAL DESIGN FIRM# 184-002852

DRAWN BY:	PROJECT:
EP	21-2007
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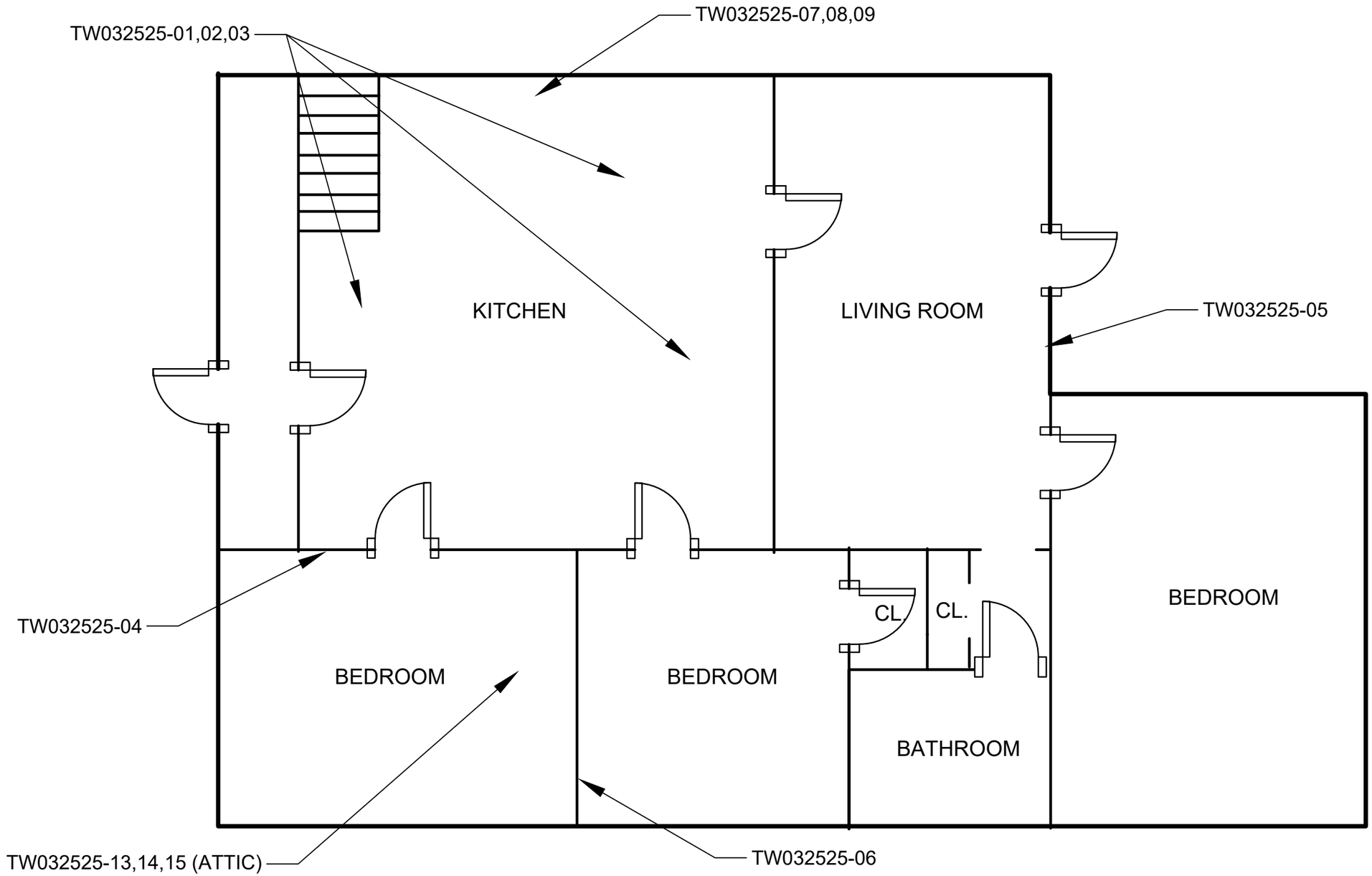
TC	NTS
DATE:	SHEET #:
4/7/2025	1 OF 3
SHEET NAME:	
SL-1	



FIRST FLOOR
SCALE = N.T.S.

LEGEND

SUSPECT ACM SAMPLE LOCATIONS: TW032525-XX

BATCH NUMBER: 374265

SUSPECT ASBESTOS-CONTAINING MATERIALS SAMPLE LOCATION PLAN

ASBESTOS SURVEY FOR BUILDING DEMOLITION (I-80)
601 WATER STREET
JOLIET,IL,60436

GSG CONSULTANTS, INC.
735 E. IRVING PARK RD, SCHAUMBURG, IL 60173
TEL: (630) 924-2400 | WWW.GSG-CONSULTANTS.COM
ILLINOIS PROFESSIONAL DESIGN FIRM # 184-002882

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4/7/2025	2 OF 3
SHEET NAME:	

SL-2

LEGEND

SUSPECT ACM SAMPLE LOCATIONS: TW032525-XX

BATCH NUMBER: 374265

SUSPECT ASBESTOS-CONTAINING MATERIALS SAMPLE LOCATION PLAN

ASBESTOS SURVEY FOR BUILDING DEMOLITION (I-80)
601 WATER STREET
JOLIET,IL,60436

GSG CONSULTANTS, INC.
735 E. IRVING PARK RD, SCHAUMBURG, IL 60173
TEL: +1(630)794-5460 | WWW.GSG-CONSULTANTS.COM
ILLINOIS PROFESSIONAL DESIGN FIRM # 184-002852

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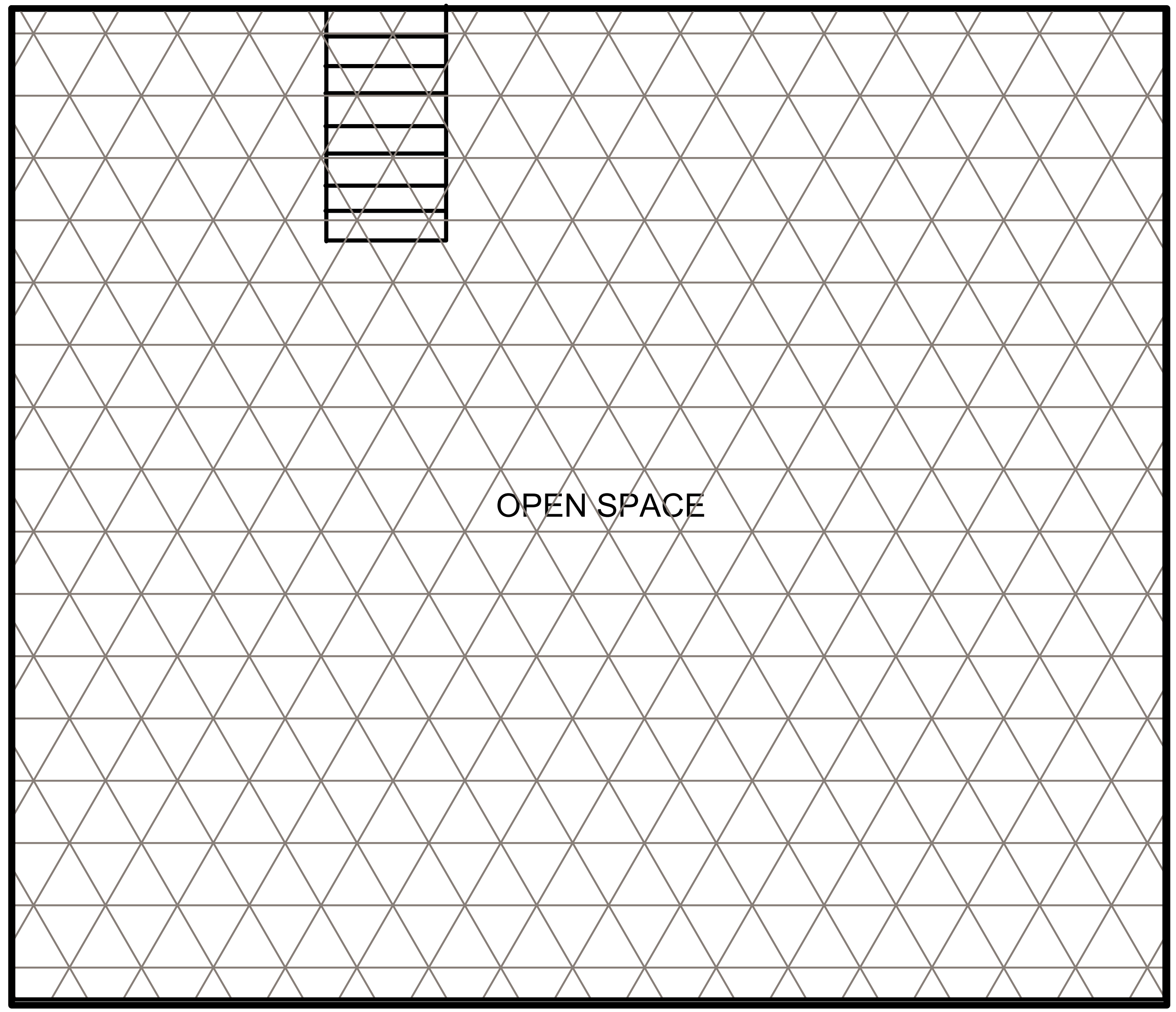
TC	NTS
DATE:	SHEET #:
4/7/2025	3 OF 3
SHEET NAME:	

SL-3

EXHIBIT 2

ACM-1
ACM Location Plan



BASEMENT
SCALE = N.T.S.

LEGEND

LOCATIONS OF ASBESTOS-CONTAINING MATERIALS

DUCT TAPE

ASBESTOS-CONTAINING MATERIALS LOCATION PLAN

ASBESTOS SURVEY FOR BUILDING DEMOLITION (I-80)
601 WATER STREET
JOLIET,IL,60436

GSG CONSULTANTS, INC.
735 E. REMINGTON RD, SCHAUMBURG, IL 60173
TEL: +1630.994.2600 | WWW.GSG-CONSULTANTS.COM
ILLINOIS PROFESSIONAL DESIGN FIRM# 184-002852

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EP	21-2007
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TC	NTS
DATE:	SHEET #:
4/7/2025	1 OF 1
SHEET NAME:	
ACM-1	

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/R-93/116

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

Reference:
Location: 601 Water
Batch No.: 374265
Customer No.: 4651

Date Received: 03/27/2025
Date Analyzed: 04/03/2025
Date Reported: 04/03/2025
Turn Around Time: 5 Days

Laboratory Sample	Customer Sample Number	Asbestos Components (%)	Non-Asbestos Components (%)
374265001	TW032525-1	ND	Cellulose 1-5% Binder 95-99%
374265002	TW032525-2	ND	Cellulose 1-5% Binder 95-99%
374265003	TW032525-3	ND	Cellulose 1-5% Binder 95-99%
374265004	TW032525-4	ND	Cellulose 10-15% Binder 85-90%
374265005	TW032525-5	ND	Cellulose 10-15% Binder 85-90%
374265006	TW032525-6	ND	Cellulose 10-15% Binder 85-90%
374265007	TW032525-7	ND	Cellulose 1-5% Binder 95-99%
374265008	TW032525-8	ND	Cellulose 1-5% Binder 95-99%
374265009	TW032525-9	ND	Cellulose 1-5% Binder 95-99%
374265010	TW032525-10	Chrysotile 15-20%	Binder 80-85%
374265011	TW032525-11	NA	

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 Date: 04/03/2025

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/R-93/116

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

Reference:
Location: 601 Water
Batch No.: 374265
Customer No.: 4651

Date Received: 03/27/2025
Date Analyzed: 04/03/2025
Date Reported: 04/03/2025
Turn Around Time: 5 Days

Laboratory Sample	Customer Sample Number	Asbestos Components (%)	Non-Asbestos Components (%)
374265012	TW032525-12	NA	
374265013	TW032525-13	ND	Cellulose 80-85% Binder 15-20%
374265014	TW032525-14	ND	Cellulose 80-85% Binder 15-20%
374265015	TW032525-15	ND	Cellulose 80-85% Binder 15-20%
374265016	TW032525-16	ND	Cellulose 15-20% Binder 80-85%
374265017	TW032525-17	ND	Cellulose 15-20% Binder 80-85%
374265018	TW032525-18	ND	Cellulose 15-20% Binder 80-85%
374265019	TW032525-19	ND	Cellulose 1-5% Binder 95-99%
374265020	TW032525-20	ND	Cellulose 1-5% Binder 95-99%
374265021	TW032525-21	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.

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Analyzed by Name : Daniel Mikos / Microscopist Date: 04/03/2025

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/R-93/116

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

Reference:
Location: 601 Water
Batch No.: 374265
Customer No.: 4651

Date Received: 03/27/2025
Date Analyzed: 04/03/2025
Date Reported: 04/03/2025
Turn Around Time: 5 Days

Laboratory Sample	Customer Sample Number	Asbestos Components (%)	Non-Asbestos Components (%)
374265022	TW032525-22	ND	Cellulose 1-5% Binder 95-99%
374265023	TW032525-23	ND	Cellulose 1-5% Binder 95-99%
374265024	TW032525-24	ND	Cellulose 1-5% Binder 95-99%
374265025	TW032525-25	ND	Binder 85-90% Glass 10-15%
374265026	TW032525-26	ND	Binder 85-90% Glass 10-15%
374265027	TW032525-27	ND	Binder 85-90% Glass 10-15%
374265028	TW032525-28	ND	Cellulose 10-15% Binder 85-90%
374265029	TW032525-29	ND	Cellulose 10-15% Binder 85-90%
374265030	TW032525-30	ND	Cellulose 10-15% Binder 85-90%

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 Date: 04/03/2025

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

374265

PLM BULK LABORATORY ANALYSIS FORM

Project Name:	**Project Manager:**
Project Number:	**Building Inspector:**
Project Address: 601 Walter	**IDPH Number:**
City/ State:	**Work Day:** S M T W TH F S
Client:	**Analyze by Method:** EPA/600/R-93-116
Date: 3/25/25	

Field Number	HA Number	Type of material, specific sample location (i.e. Room Number, Building Construction Date)
JW032525- 1	HA-1	Tan + Brown Stone Pattern Linoleum Kitchen
2	"	"
3	"	"
4	HA-2	Drywall System
5	"	"
6	"	"
7	HA-3	Cast Iron Sink Kitchen
8	"	"
9	"	"
10	HA-4	Duct Tape Basement 20LF
11	"	"
12	"	"
13	HA-5	Attic Insulation
14	"	"
15	"	"

TURN AROUND TIME:
1 Day
2 Days
3 Days
~~(5 Day)~~ **Other**

COMMENTS: E-mail Results to:
twalsh@gsg-consultants.com
epahomi@gsg-consultants.com

STOP AT FIRST POSITIVE

CHAIN OF CUSTODY RECORD

Collected By(Signature)	Date: 3/25/25	Time:	Relinquished by (Signature)	Date: 3/26/25	Time: -
Received by: (Signature)	Date:	Time:	Relinquished by: (signature)	Date:	Time:
Dispatched by: (Signature, if mailed)	Date:	Time:	Received for Laboratory by: IDB	Date: 3/27/25	Time: 08:10

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

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PLM BULK LABORATORY ANALYSIS FORM

Project Name:	**Project Manager:**
Project Number:	**Building Inspector:**
Project Address: 601 Water	**IDPH Number:**
City/ State:	**Work Day:** S M T W TH F S
Client:	**Analyze by Method:** EPA/600/R-93-116
Date: 3/25/25	

Field Number	HA Number	Type of material, specific sample location (i.e. Room Number, Building Construction Date)
TW032525-16	HA-6	Chimney Brick
17		
18		
19	HA-7	Stucco · Siding
20		
21		
22	HA-8	Window Glazing - Front 4 Window
23		
24		
25	HA-9	Roofing Material
26		
27		
28	HA-10	Roof Flashing SOLR
29		
30		

TURN AROUND TIME:
1 Day
2 Days
3 Days
~~(5 Day) Other~~

COMMENTS: E-mail Results to:
twalsh@gsg-consultants.com
epahomi@gsg-consultants.com

STOP AT FIRST POSITIVE

CHAIN OF CUSTODY RECORD

Collected By(Signature)	Date: 3/25/25	Time:	Relinquished by (Signature)	Date: 3/26/25	Time:
Received by: (Signature)	Date:	Time:	Relinquished by: (signature)	Date:	Time:
Dispatched by: (Signature, if mailed)	Date:	Time:	Received for Laboratory by:	Date: 3/27/25	Time: 08:10

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

APPENDIX B

Reference Photographs

Material Description:
Suspect ACM Tan & Brown Stone Pattern Linoleum

Photo Location:
Kitchen

ILLINOIS DEPARTMENT OF TRANSPORTATION **I-80 OVER DES PLAINES RIVER BRIDGE IMPROVEMENTS**	GSG Consultants, Inc. 735 Remington Road Schaumburg, Illinois 60173	**Date:** 3/25/25

Material Description:
Suspect ACM Drywall System

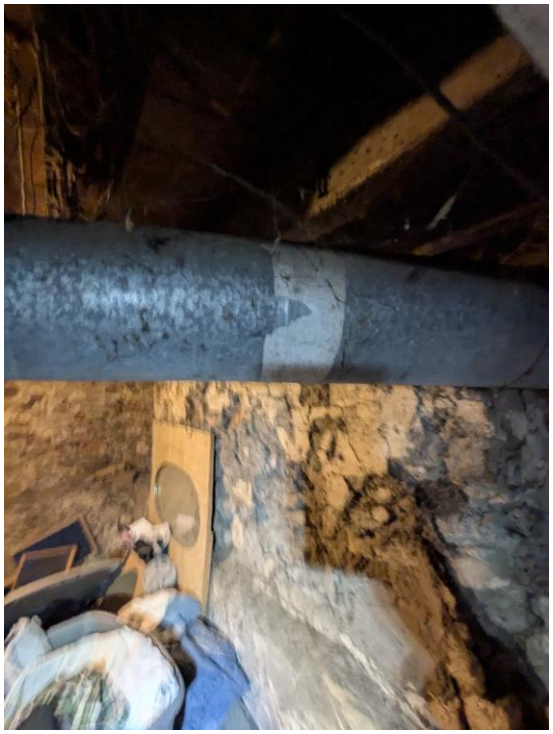
Photo Location:
Kitchen

ILLINOIS DEPARTMENT OF TRANSPORTATION **I-80 OVER DES PLAINES RIVER BRIDGE IMPROVEMENTS**	GSG Consultants, Inc. 735 Remington Road Schaumburg, Illinois 60173	**Date:** 3/25/25

Material Description:
Suspect ACM Sink Caulk

Photo Location:
Kitchen

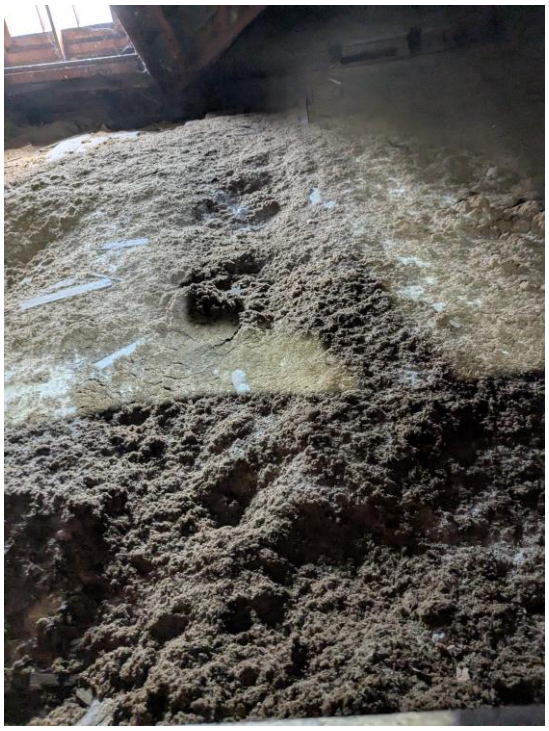
ILLINOIS DEPARTMENT OF TRANSPORTATION **I-80 OVER DES PLAINES RIVER BRIDGE IMPROVEMENTS**	GSG Consultants, Inc. 735 Remington Road Schaumburg, Illinois 60173	**Date:** 3/25/25



Material Description:
Duct Tape – **Tested Positive for Asbestos**

Photo Location:
Basement

ILLINOIS DEPARTMENT OF TRANSPORTATION **I-80 OVER DES PLAINES RIVER BRIDGE IMPROVEMENTS**	GSG Consultants, Inc. 735 Remington Road Schaumburg, Illinois 60173	**Date:** 3/25/25



Material Description:
Suspect ACM Attic Insulation

Photo Location:
Attic

ILLINOIS DEPARTMENT OF TRANSPORTATION **I-80 OVER DES PLAINES RIVER BRIDGE IMPROVEMENTS**	GSG Consultants, Inc. 735 Remington Road Schaumburg, Illinois 60173	**Date:** 3/25/25

Material Description:
Suspect ACM Chimney Brick

Photo Location:
Attic

ILLINOIS DEPARTMENT OF TRANSPORTATION **I-80 OVER DES PLAINES RIVER BRIDGE IMPROVEMENTS**	GSG Consultants, Inc. 735 Remington Road Schaumburg, Illinois 60173	**Date:** 3/25/25

Material Description:
Suspect ACM Stucco Siding

Photo Location:
Exterior

ILLINOIS DEPARTMENT OF TRANSPORTATION **I-80 OVER DES PLAINES RIVER BRIDGE IMPROVEMENTS**	GSG Consultants, Inc. 735 Remington Road Schaumburg, Illinois 60173	**Date:** 3/25/25

Material Description:
Suspect ACM Window Glazing

Photo Location:
Exterior

ILLINOIS DEPARTMENT OF TRANSPORTATION **I-80 OVER DES PLAINES RIVER BRIDGE IMPROVEMENTS**	GSG Consultants, Inc. 735 Remington Road Schaumburg, Illinois 60173	**Date:** 3/25/25

Material Description:
Suspect ACM Roofing Material/Flashing

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:** 3/25/25

APPENDIX C

Inspector Licenses and Training Certifications

IDPH

ASBESTOS PROFESSIONAL LICENSE

ID NUMBER
100 - 08900

ISSUED
3/1/2024

EXPIRES
05/15/2025

TIMOTHY WALSH
15237 LAPORTE AVE
OAK FOREST, IL 60452

Environmental Health

ENDORSEMENTS	TC EXPIRES
INSPECTOR	1/27/2025
PROJECT MANAGER AIR SAMPLING PROFESSIONAL	8/30/2024

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.

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).

2024-07-01 through 2025-06-30

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 St. Suite 200
Chicago, IL 60612
Carolyn Mazzuca
Phone: 312-733-0551
Email: cmazzuca@statanalysis.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