ASBESTOS SURVEY REPORT

PTB 196-032
Asbestos Survey for Building Demolition (I-80)
200 Duncan 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

August 8, 2025

GSG CONSULTANTS, INC.

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

August 8, 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
200 Duncan Street, Joliet, IL
Parcel No. 1P10172

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 — August 8, 2025
Erin Pahomi — Date
Asbestos Building Inspector
Inspector License No: 100-20674

Reviewed By: Vincent Gee — August 8, 2025
Vince Gee, M.S. — Date
Senior Project Manager

QA Manager: Ala Sassila — August 8, 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:	200 Duncan 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:	N/A
Parcel No.	1P10172	Building Size:	900 SF

ASBESTOS CONTAINING MATERIALS		
Survey Date:	July 24, 2025	
Weather Conditions:	85°F, Cloudy	
By Whom: Firm: Inspector: IDPH License No.	 GSG Consultants, Inc Tim Walsh 100-08900	
Results:	Number of Material Types Sampled	**14**
	Number of Samples Collected:	**42**
	Number of Materials Tested Positive:	**2**
	Was Friable ACM Found?	**Yes**
	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. 1P10172
Residential Property
200 Duncan 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	12”x12” Grey Floor Tile	Kitchen	Misc.	Good	No	ND	3	N/A
2	12”x12” Grey Floor Tile Mastic	Kitchen	Misc.	Good	No	ND	3	N/A
3	Tan Linoleum	Bathroom	Misc.	Good	No	ND	3	N/A
4	Drywall	Throughout	Misc.	Good	No	ND	3	N/A
5	Plaster	Throughout	Surf.	Good	No	ND	3	N/A
6	Interior Window Caulk	Throughout	Misc.	Good	No	ND	3	N/A
7	Window Glazing	Kitchen	Misc.	Good	No	ND	3	N/A
8	Chimney Brick	Roof	Misc.	Good	No	ND	3	N/A
9	**Duct Wrap**	**Basement**	**TSI**	**Good**	**Yes**	**Chrysotile 10-15%**	**3**	**25 SF**
10	Exterior window Caulk	Exterior	Misc.	Good	No	ND	3	N/A
11	Exterior Door Caulk	Exterior	Misc.	Good	No	ND	3	N/A
12	**Transite Siding**	**Exterior**	**Misc.**	**Good**	**No**	**Chrysotile 10-15%**	**3**	**960 SF**
13	Roofing Material (3 Layers)	House Roof	Misc.	Good	No	ND	3	N/A
14	Roofing Material (3 Layers)	Garage Roof	Misc.	Good	No	ND	3	N/A
Total Estimated Quantity of ACM								963 SF

(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. 1P10172 located at 200 Duncan Street in Joliet, Illinois. The site is improved with a one-story, single-family house with an attic and a detached garage. The house is approximately 1,200 square feet in size with an unfinished basement and an asphalt shingled roof. The interior walls and ceilings are drywall and plaster, and the floors are floor tile and linoleum. The building exterior is masonry and aluminum over wood siding.

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 42 bulk samples of suspect ACM, three (3) samples for each of the 14 homogeneous areas, were collected from various homogeneous areas of the buildings. Bulk samples were collected from the following materials/homogeneous area(s):

- 12”x12” Grey Floor Tile
- 12”x12” Grey Floor Tile Mastic
- Tan Linoleum
- Drywall
- Plaster
- Interior Window Caulk
- Window Glazing
- Chimney Brick
- Duct Wrap
- Exterior window Caulk
- Exterior Door Caulk
- Transite Siding
- House Roofing Material
- Garage 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 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 14 HAs from which 42 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 **HAs were confirmed** to be **ACM**:

- Duct Wrap
- Transite Siding

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

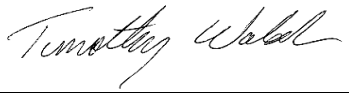
This report has been prepared for the exclusive use of the Illinois Department of Transportation (IDOT) and its Design Section Engineer consultant. GSG warrants that the investigations and methodology reflect our best efforts based upon the prevailing standard of care in the environmental field. This 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
	8.7.2025
Asbestos Inspector's Signature	Date

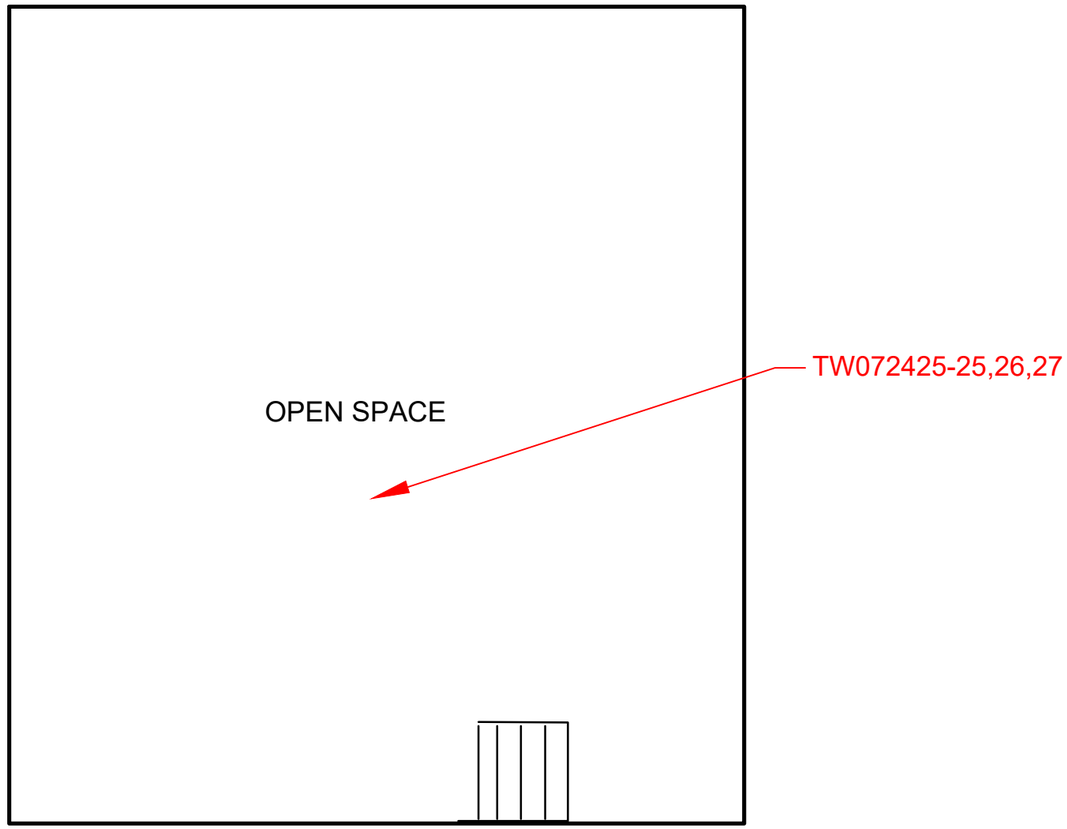
EXHIBITS

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



BASEMENT
SCALE = N.T.S.

LEGEND

SUSPECT ACM SAMPLE LOCATIONS: TW072425-XX

BATCH NUMBER: 375659

RED SAMPLES TESTED POSITIVE FOR ASBESTOS

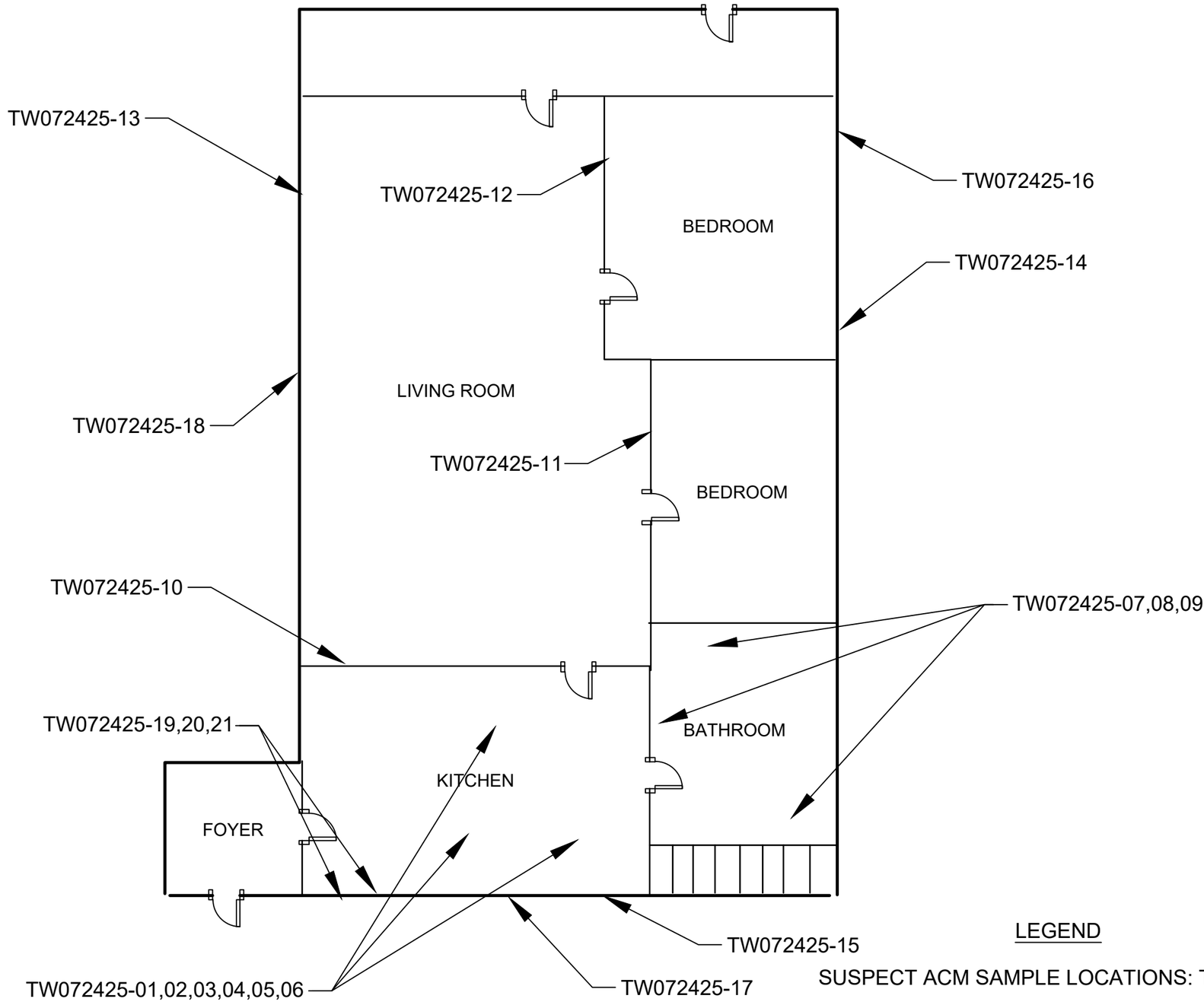
SUSPECT ASBESTOS-CONTAINING MATERIALS SAMPLE LOCATION PLAN

ASBESTOS SURVEY FOR BUILDING DEMOLITION (I-80)
200 DUNCAN STREET
JOLIET,IL,60433

GSG CONSULTANTS, INC.
738 E. ROBINSON RD, SCHAUMBURG, IL 60173
TEL: 1-630-924-2400 | WWW.GSG-CONSULTANTS.COM
ILLINOIS PROFESSIONAL DESIGN FIRM # 184-002852

DRAWN BY:	PROJECT:
EP	21-2007
CHECKED BY:	SCALE:
TC	NTS
DATE:	SHEET #:
8/6/2025	1 OF 3
SHEET NAME:	

SL-1



FIRST FLOOR
SCALE = N.T.S.

LEGEND

SUSPECT ACM SAMPLE LOCATIONS: TW072425-XX

BATCH NUMBER: 375659

SUSPECT ASBESTOS-CONTAINING MATERIALS SAMPLE LOCATION PLAN

ASBESTOS SURVEY FOR BUILDING DEMOLITION (I-80)
200 DUNCAN 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

DRAWN BY:	PROJECT:
EP	21-2007
CHECKED BY:	SCALE:
TC	NTS
DATE:	SHEET #:
8/6/2025	2 OF 3
SHEET NAME:	

SL-2

LEGEND

SUSPECT ACM SAMPLE LOCATIONS: TW072425-XX

BATCH NUMBER: 375659

RED SAMPLES TESTED POSITIVE FOR ASBESTOS

SUSPECT ASBESTOS-CONTAINING MATERIALS SAMPLE LOCATION PLAN

ASBESTOS SURVEY FOR BUILDING DEMOLITION (I-80)
200 DUNCAN STREET
JOLIET, IL, 60433

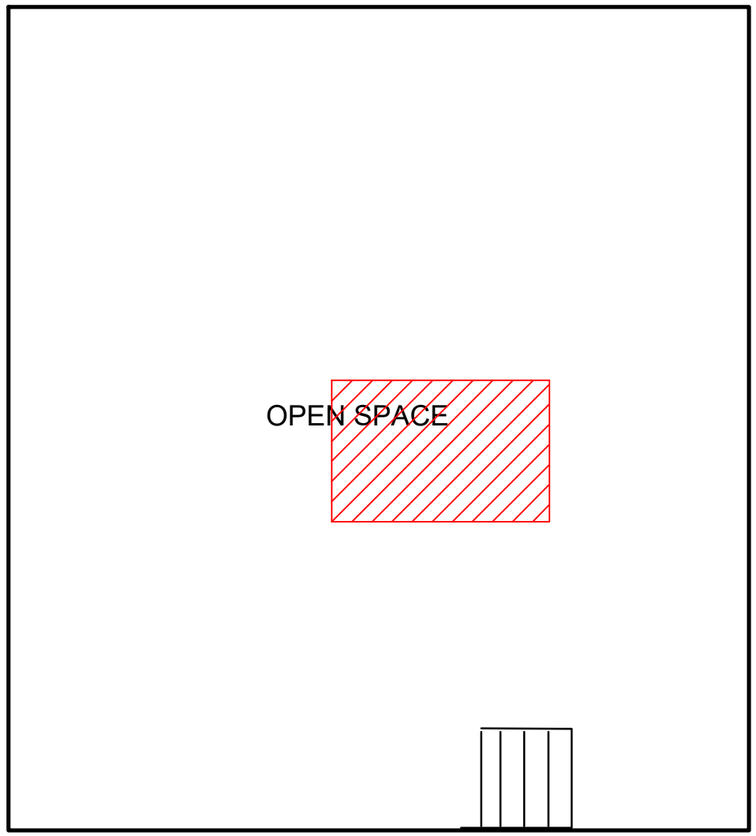
GSG CONSULTANTS, INC.
738 E. REMINGTON RD. SCHAUMBURG, IL 60173
TEL: 1-630.994.5460 | WWW.GSG-CONSULTANTS.COM
ILLINOIS PROFESSIONAL DESIGN FIRM # 184-002852

DRAWN BY:	PROJECT:
EP	21-2007
CHECKED BY:	SCALE:
TC	NTS
DATE:	SHEET #:
8/6/2025	3 OF 3
SHEET NAME:	

SL-3

EXHIBIT 2

ACM-1 and ACM-2
ACM Location Plans



BASEMENT
SCALE = N.T.S.

LEGEND

LOCATIONS OF ASBESTOS-CONTAINING MATERIALS

DUCT WRAP

ASBESTOS-CONTAINING MATERIALS LOCATION PLAN

ASBESTOS SURVEY FOR BUILDING DEMOLITION (I-80)
220 DUNCAN STREET
JOLIET,IL,60433

GSG CONSULTANTS, INC.
735 E. REMINGTON RD, SCHAUMBURG, IL 60173
TEL: +1 630.994.2400 | WWW.GSG-CONSULTANTS.COM
ILLINOIS PROFESSIONAL DESIGN FIRM # 184-002852

DRAWN BY:	PROJECT:
EP	21-2007
CHECKED BY:	SCALE:
TC	NTS
DATE:	SHEET #:
8/6/2025	1 OF 2
SHEET NAME:	

ACM-1

ASBESTOS-CONTAINING MATERIALS LOCATION PLAN

ASBESTOS SURVEY FOR BUILDING DEMOLITION (I-80)
200 DUNCAN STREET
JOLIET, IL, 60433

GSG CONSULTANTS, INC.
738 E. REMINGTON RD. SCHAUMBURG, IL 60173
TEL: 1+630.971.3400 | WWW.GSG-CONSULTANTS.COM
ILLINOIS PROFESSIONAL DESIGN FIRM # 184-002852

DRAWN BY:	PROJECT:
EP	21-2007
CHECKED BY:	SCALE:
TC	NTS
DATE:	SHEET #:
8/6/2025	2 OF 2
SHEET NAME:	

ACM-2

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: 200 Duncan
Batch No.: 375659
Customer No.: 4651

Date Received: 07/28/2025
Date Analyzed: 08/04/2025
Date Reported: 08/04/2025
Turn Around Time: 5 Days

Laboratory Sample	Customer Sample Number	Asbestos Components (%)	Non-Asbestos Components (%)
375659001	TW072425-1	ND	Cellulose 1-5% Binder 95-99%
375659002	TW072425-2	ND	Cellulose 1-5% Binder 95-99%
375659003	TW072425-3	ND	Cellulose 1-5% Binder 95-99%
375659004	TW072425-4	ND	Cellulose 1-5% Binder 95-99%
375659005	TW072425-5	ND	Cellulose 1-5% Binder 95-99%
375659006	TW072425-6	ND	Cellulose 1-5% Binder 95-99%
375659007	TW072425-7	ND	Cellulose 10-15% Binder 85-90%
375659008	TW072425-8	ND	Cellulose 10-15% Binder 85-90%
375659009	TW072425-9	ND	Cellulose 10-15% Binder 85-90%
375659010	TW072425-10	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

Date: 08/04/2025

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: 200 Duncan
Batch No.: 375659
Customer No.: 4651

Date Received: 07/28/2025
Date Analyzed: 08/04/2025
Date Reported: 08/04/2025
Turn Around Time: 5 Days

Laboratory Sample	Customer Sample Number	Asbestos Components (%)	Non-Asbestos Components (%)
375659011	TW072425-11	ND	Cellulose 1-5% Binder 95-99%
375659012	TW072425-12	ND	Cellulose 1-5% Binder 95-99%
375659013	TW072425-13	ND	Cellulose 1-5% Binder 95-99%
375659014	TW072425-14	ND	Cellulose 1-5% Binder 95-99%
375659015	TW072425-15	ND	Cellulose 1-5% Binder 95-99%
375659016	TW072425-16	ND	Cellulose 1-5% Binder 95-99%
375659017	TW072425-17	ND	Cellulose 1-5% Binder 95-99%
375659018	TW072425-18	ND	Cellulose 1-5% Binder 95-99%
375659019	TW072425-19	ND	Cellulose 1-5% Binder 95-99%
375659020	TW072425-20	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 Date: 08/04/2025

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: 200 Duncan
Batch No.: 375659
Customer No.: 4651

Date Received: 07/28/2025
Date Analyzed: 08/04/2025
Date Reported: 08/04/2025
Turn Around Time: 5 Days

Laboratory Sample	Customer Sample Number	Asbestos Components (%)	Non-Asbestos Components (%)
375659021	TW072425-21	ND	Cellulose 1-5% Binder 95-99%
375659022	TW072425-22WH	ND	Cellulose 1-5% Binder 95-99%
375659023	TW072425-23WH	ND	Cellulose 1-5% Binder 95-99%
375659024	TW072425-24WH	ND	Cellulose 1-5% Binder 95-99%
375659025	TW072425-22RD	ND	Cellulose 1-5% Binder 95-99%
375659026	TW072425-23RD	ND	Cellulose 1-5% Binder 95-99%
375659027	TW072425-24RD	ND	Cellulose 1-5% Binder 95-99%
375659028	TW072425-25	Chrysotile 10-15%	Binder 85-90%
375659029	TW072425-26	NA	
375659030	TW072425-27	NA	
375659031	TW072425-28	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 Date: 08/04/2025

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: 200 Duncan
Batch No.: 375659
Customer No.: 4651

Date Received: 07/28/2025
Date Analyzed: 08/04/2025
Date Reported: 08/04/2025
Turn Around Time: 5 Days

Laboratory Sample	Customer Sample Number	Asbestos Components (%)	Non-Asbestos Components (%)
375659032	TW072425-29	ND	Cellulose 1-5% Binder 95-99%
375659033	TW072425-30	ND	Cellulose 1-5% Binder 95-99%
375659034	TW072425-31	ND	Cellulose 1-5% Binder 95-99%
375659035	TW072425-32	ND	Cellulose 1-5% Binder 95-99%
375659036	TW072425-33	ND	Cellulose 1-5% Binder 95-99%
375659037	TW072425-34	Chrysotile 10-15%	Binder 85-90%
375659038	TW072425-35	NA	
375659039	TW072425-36	NA	
375659040	TW072425-37GY	ND	Binder 85-90% Glass 10-15%
375659041	TW072425-38GY	ND	Binder 85-90% Glass 10-15%
375659042	TW072425-39GY	ND	Binder 85-90% Glass 10-15%

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: 08/04/2025

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: 200 Duncan
Batch No.: 375659
Customer No.: 4651

Date Received: 07/28/2025
Date Analyzed: 08/04/2025
Date Reported: 08/04/2025
Turn Around Time: 5 Days

Laboratory Sample	Customer Sample Number	Asbestos Components (%)	Non-Asbestos Components (%)
375659043	TW072425-37BK	ND	Binder 85-90% Glass 10-15%
375659044	TW072425-38BK	ND	Binder 85-90% Glass 10-15%
375659045	TW072425-39BK	ND	Binder 85-90% Glass 10-15%
375659046	TW072425-37BN	ND	Cellulose 60-65% Binder 35-40%
375659047	TW072425-38BN	ND	Cellulose 60-65% Binder 35-40%
375659048	TW072425-39BN	ND	Cellulose 60-65% Binder 35-40%
375659049	TW072425-40WH	ND	Binder 85-90% Glass 10-15%
375659050	TW072425-41WH	ND	Binder 85-90% Glass 10-15%
375659051	TW072425-42WH	ND	Binder 85-90% Glass 10-15%
375659052	TW072425-40BK	ND	Binder 85-90% Glass 10-15%

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: 08/04/2025

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: 200 Duncan
Batch No.: 375659
Customer No.: 4651

Date Received: 07/28/2025
Date Analyzed: 08/04/2025
Date Reported: 08/04/2025
Turn Around Time: 5 Days

Laboratory Sample	Customer Sample Number	Asbestos Components (%)	Non-Asbestos Components (%)
375659053	TW072425-41BK	ND	Binder 85-90% Glass 10-15%
375659054	TW072425-42BK	ND	Binder 85-90% Glass 10-15%
375659055	TW072425-40BN	ND	Cellulose 60-65% Binder 35-40%
375659056	TW072425-41BN	ND	Cellulose 60-65% Binder 35-40%
375659057	TW072425-42BN	ND	Cellulose 60-65% Binder 35-40%

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: 08/04/2025

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

375659

PLM BULK LABORATORY ANALYSIS FORM

Project Name:	**Project Manager:**
Project Number:	**Building Inspector:**
Project Address: 200 Duncan	**IDPH Number:**
City/ State:	**Work Day:** S M T W TH F S
Client:	**Analyze by Method:** EPA/600/R-93-116
Date: 7/24/25	

Field Number	HA Number	Type of material, specific sample location (i.e. Room Number, Building Construction Date)
TWN072425-1	HA-1	12x12 Grey F.T Kitchen
-2	〃	〃
-3	〃	〃
-4	HA-2	Mastic 〃
-5	〃	〃
-6	〃	〃
-7	HA-3	Tan Linoleum Bath
-8	〃	〃
-9	〃	〃
-10	HA-4	Drywall System
-11	〃	〃
-12	〃	〃
-13	HA-5	Plaster
-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) TW	Date: 7/24/25	Time:	Relinquished by (Signature) TW	Date: 7/25/25	Time:
Received by: (Signature)	Date:	Time:	Relinquished by: (signature)	Date:	Time:
Dispatched by: (Signature, if mailed)	Date:	Time:	Received for Laboratory by:	Date: 7/25/25	Time: 16:00

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

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

375659

PLM BULK LABORATORY ANALYSIS FORM

Project Name:	**Project Manager:**
Project Number:	**Building Inspector:**
Project Address: 200 Duncan	**IDPH Number:**
City/ State:	**Work Day:** S M T W TH F S
Client:	**Analyze by Method:** EPA/600/R-93-116
Date: 7/24/25	

Field Number	HA Number	Type of material, specific sample location (i.e. Room Number, Building Construction Date)
TWO 72425-16	HA-6	Interior Window Caulk
17	"	"
18	"	"
19	HA-7	Window Glazing 2 windows Kitchen
20	"	"
21	"	"
22	HA-8	Chimney Brick
23	"	"
24	"	"
25	HA-9	Duct Wrap Basement 30LF
26	"	"
27	"	"
28	HA-10	Exterior Window Caulk
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) TW	Date: 7/24/25	Time:	Relinquished by (Signature) TW	Date: 7/25/25	Time:
Received by: (Signature)	Date:	Time:	Relinquished by: (signature)	Date:	Time:
Dispatched by: (Signature, if mailed)	Date:	Time:	Received for Laboratory by:	Date: 7/25/25	Time: 16:00

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

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

375659

PLM BULK LABORATORY ANALYSIS FORM

Project Name:	**Project Manager:**
Project Number:	**Building Inspector:**
Project Address: 200 Duncan	**IDPH Number:**
City/ State:	**Work Day:** S M T W TH F S
Client:	**Analyze by Method:** EPA/600/R-93-116
Date: 7/24/25	

Field Number	HA Number	Type of material, specific sample location (i.e. Room Number, Building Construction Date)
TW072425-31	HA-11	Exterior Door Caulk
32	↓	↓
33	↓	↓
34	HA-12	Transite Siding
35	↓	↓
36	↓	↓
37	HA-13	Roofing Material House 3 Layer
38	↓	↓
39	↓	↓
40	HA-14	Roofing Material Garage 3 Layer
41	↓	↓
42	↓	↓

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

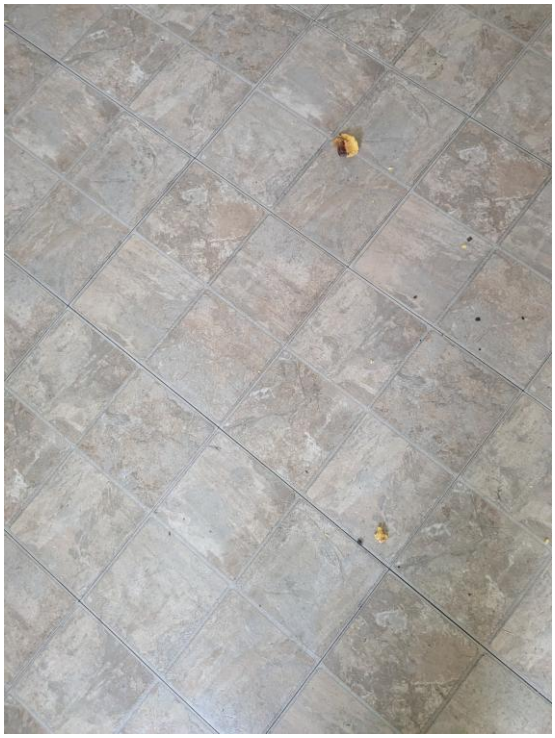
CHAIN OF CUSTODY RECORD

Collected By(Signature) TW	Date: 7/24/25	Time:	Relinquished by (Signature) TW	Date: 7/25/25	Time:
Received by: (Signature)	Date:	Time:	Relinquished by: (signature)	Date:	Time:
Dispatched by: (Signature, if mailed)	Date:	Time:	Received for Laboratory by:	Date: 7/28/25	Time: 16:00

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

APPENDIX B

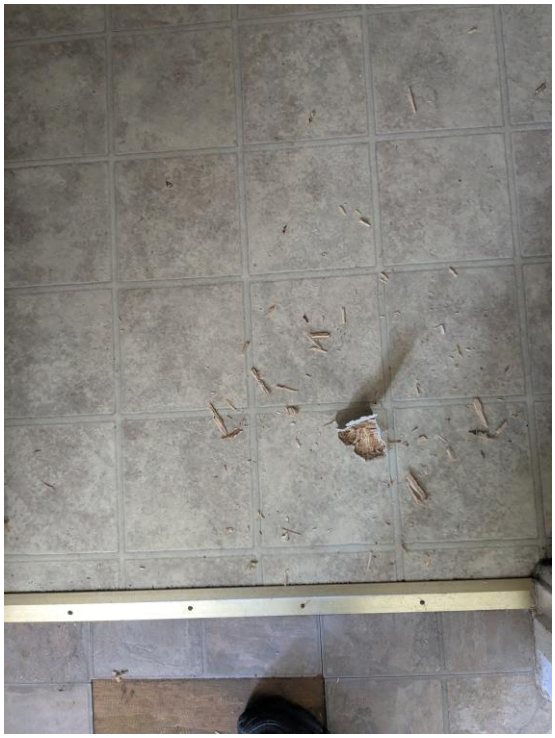
Reference Photographs



Material Description:
Tan Linoleum Flooring

Photo Location:
Bathroom

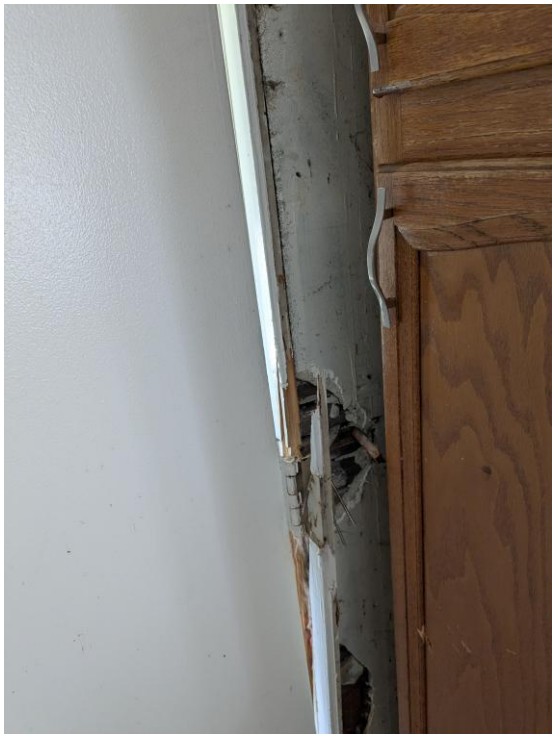
ILLINOIS DEPARTMENT OF TRANSPORTATION **I-80 OVER DES PLAINES RIVER BRIDGE IMPROVEMENTS**	GSG Consultants, Inc. 735 Remington Road Schaumburg, Illinois 60173	**Date:** 7/24/2025



Material Description:
12”x12” Grey Floor Tile & Mastic

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:** 7/24/2025



Material Description:
Suspect ACM Drywall & Plaster

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:** 7/24/2025

Material Description:
Suspect ACM Interior Window Caulk & Glazing

Photo Location:
Living Room

ILLINOIS DEPARTMENT OF TRANSPORTATION **I-80 OVER DES PLAINES RIVER BRIDGE IMPROVEMENTS**	GSG Consultants, Inc. 735 Remington Road Schaumburg, Illinois 60173	**Date:** 7/24/2025

Material Description:
Suspect ACM Exterior Window Caulk

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:** 7/24/2025

Material Description:
Suspect ACM Chimney Brick

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:** 7/24/2025

Material Description:
Duct Wrap – 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:** 7/24/2025

Material Description:
Suspect ACM Roofing Material

Photo Location:
House Roof

ILLINOIS DEPARTMENT OF TRANSPORTATION **I-80 OVER DES PLAINES RIVER BRIDGE IMPROVEMENTS**	GSG Consultants, Inc. 735 Remington Road Schaumburg, Illinois 60173	**Date:** 7/24/2025

Material Description:
Suspect ACM Window Caulking

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:** 7/24/2025

Material Description:
Suspect ACM Roofing Material

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:** 7/24/2025

Material Description:
Suspect ACM Siding & Siding Caulk

Photo Location:
Siding

ILLINOIS DEPARTMENT OF TRANSPORTATION **I-80 OVER DES PLAINES RIVER BRIDGE IMPROVEMENTS**	GSG Consultants, Inc. 735 Remington Road Schaumburg, Illinois 60173	**Date:** 7/24/2025

Material Description:
Transite Siding - Tested Positive for Asbestos

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:** 7/24/2025

APPENDIX C

Inspector Licenses and Training Certifications

IDPH
ILLINOIS DEPARTMENT OF PUBLIC HEALTH

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

TIMOTHY WALSH
15237 LAPORTE AVE
OAK FOREST, IL 60452

4/22/2025

ASBESTOS PROFESSIONAL LICENSE ID NUMBER: 08900

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 - 08900	**4/22/2025**	**05/15/2026**

TIMOTHY WALSH
15237 LAPORTE AVE
OAK FOREST, IL 60452
Environmental Health

Back of License

ENDORSEMENTS	TC EXPIRES
INSPECTOR	1/18/2026
PROJECT MANAGER	10/2/2025
AIR SAMPLING PROFESSIONAL	

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

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