

ASBESTOS SURVEY REPORT

PTB 196-032

Asbestos Survey for Building Demolition (I-80)

607 Keip Avenue, 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:



January 29, 2026



January 29, 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
607 Keip Avenue, Joliet, IL
Parcel No. 1P10128

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:	<u></u>	<u>January 29, 2026</u>
	Erin Pahomi	Date
	Asbestos Building Inspector	
	Inspector License No: 100-20674	

Reviewed By:	<u></u>	<u>January 29, 2026</u>
	Kyle Boyd, CIH, CHMM	Date
	Director of Industrial Hygiene	

QA Manager:	<u></u>	<u>January 29, 2026</u>
	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



Asbestos Survey Report

1.0 Survey Summary

607 Keip Avenue, Joliet, IL

SURVEY SUMMARY

SITE INFORMATION			
FAP Route:	FAI-80 (I-80)	Address:	607 Keip Avenue
County:	Will	City, State, Zip	Joliet, IL 60436
Section:	N/A	Property Type:	Single-Family Residential
IDOT Job No.	D-91-204-19	Construction Date:	1920
Parcel No.	1P10128	Building Size:	1,152 SF

ASBESTOS CONTAINING MATERIALS	
Survey Date:	January 13, 2026
Weather Conditions:	47°F, Cloudy
By Whom:	
Firm:	GSG Consultants, Inc
Inspector:	Erin Pahomi
IDPH License No.	100-20674
Results:	
	Number of Material Types Sampled <u>14</u>
	Number of Samples Collected: <u>42</u>
	Number of Materials Tested Positive: <u>0</u>
	Was Friable ACM Found? <u>No</u>
	Were Roofing Materials Sampled? <u>Yes</u>
	Are There Unique State or Local Requirements? <u>No</u>
Laboratory Used:	Name: Stat Analysis Corporation (Sterling Labs) Address: 2242 W. Harrison Street, Chicago, Illinois NVLAP: 101202-0
Building Access Limitations:	None

Asbestos Survey Report

1.0 Survey Summary

607 Keip Avenue, Joliet, IL

ASBESTOS-CONTAINING MATERIAL (ACM) SURVEY RESULTS:

Parcel No. 1P10128
Residential Property
607 Keip Avenue, 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" Beige Self-Stick Floor Tile & Mastic	Entryway	Misc.	Good	No	Asbestos Not Detected	3	N/A
2	Plaster	Throughout	Surf.	Good	No	Asbestos Not Detected	3	N/A
3	Sink Caulk (White)	Bathroom	Misc.	Good	No	Asbestos Not Detected	3	N/A
4	Carpet Mastic	South East Bedroom, Center Bedroom, & South West Bedroom	Misc.	Good	No	Asbestos Not Detected	3	N/A
5	White Counter Caulk	Kitchen	Misc.	Good	No	Asbestos Not Detected	3	N/A
6	White Interior Caulk	Back Window	Misc.	Good	No	Asbestos Not Detected	3	N/A
7	Drywall, Tape, and Compound	Basement	Misc.	Good	No	Asbestos Not Detected	3	N/A
8	Chimney Brick	Basement	Misc.	Good	No	Asbestos Not Detected	3	N/A
9	Brick & Mortar	Exterior	Misc.	Good	No	Asbestos Not Detected	3	N/A
10	CMU Mortar	Exterior	Misc.	Good	No	Asbestos Not Detected	3	N/A
11	Roofing Material (3 Layers)	Exterior	Misc.	Good	No	Asbestos Not Detected	3	N/A
12	Exterior Door Caulking (Grey)	Exterior	Misc.	Good	No	Asbestos Not Detected	3	N/A
13	Window Glazing (Grey)	Exterior	Misc.	Good	No	Asbestos Not Detected	3	N/A
14	Window Glazing (White)	Exterior	Misc.	Good	No	Asbestos Not Detected	3	N/A
Total Estimated Quantity of ACM								N/A

(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. 1P10128 located at 607 Keip Avenue in Joliet, Illinois. The site is improved with a one-story, single-family house that is approximately 1,152 square feet in size and includes an attic and an unfinished basement. The interior walls and ceilings are plaster, drywall and the floors are wood, floor tile, carpet and ceramic tile. The building exterior is of masonry construction with an asphaltic shingled 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

2.0 Survey Methodology**607 Keip Avenue, Joliet, IL**

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

- Plaster
- Drywall System (Tape, Compound, Drywall)
- 12"x12" Beige Self-Stick Floor Tile
- Plaster
- Sink Caulk (White)
- Carpet Mastic
- Counter Caulk (White)
- Interior Caulk (White)
- CMU Mortar
- Brick Mortar
- Chimney Brick
- Door Caulk (Exterior)
- Exterior Window Caulk (Grey)
- Exterior Window Caulk (White)
- Roofing Material (3 Layers)

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.

3.2 Findings

GSG identified a total of fourteen (14) HAs from which forty-two (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 provided in **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.

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:

<u>Erin Pahomi</u>	<u>100-20674</u>
Asbestos Inspector's Name	IDPH License Number
<u></u>	<u>1.29.2026</u>
Asbestos Inspector's Signature	Date

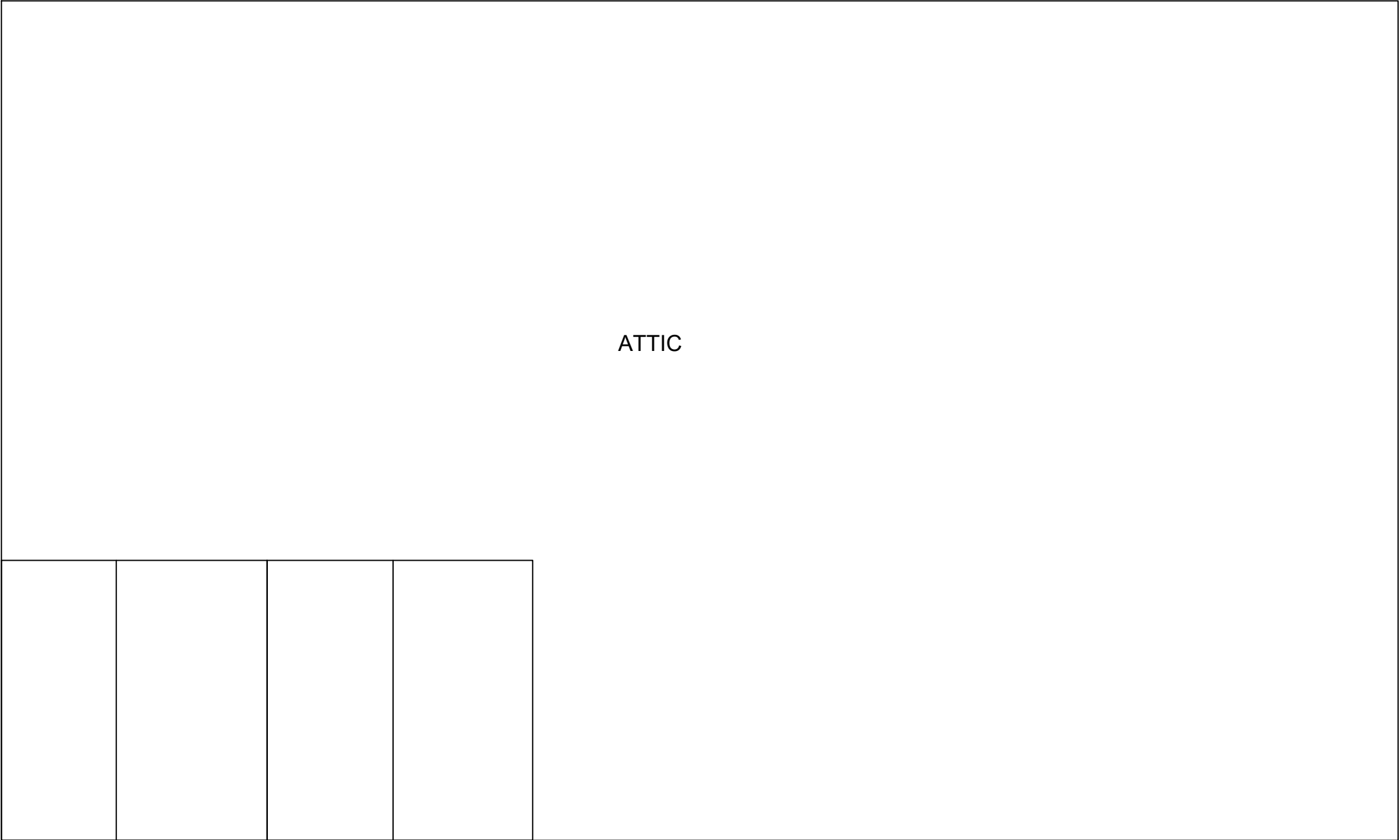
EXHIBITS

Exhibit 1

Suspect ACM Sample Location Plans

EXHIBIT 1

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



ATTIC
SCALE = N.T.S.



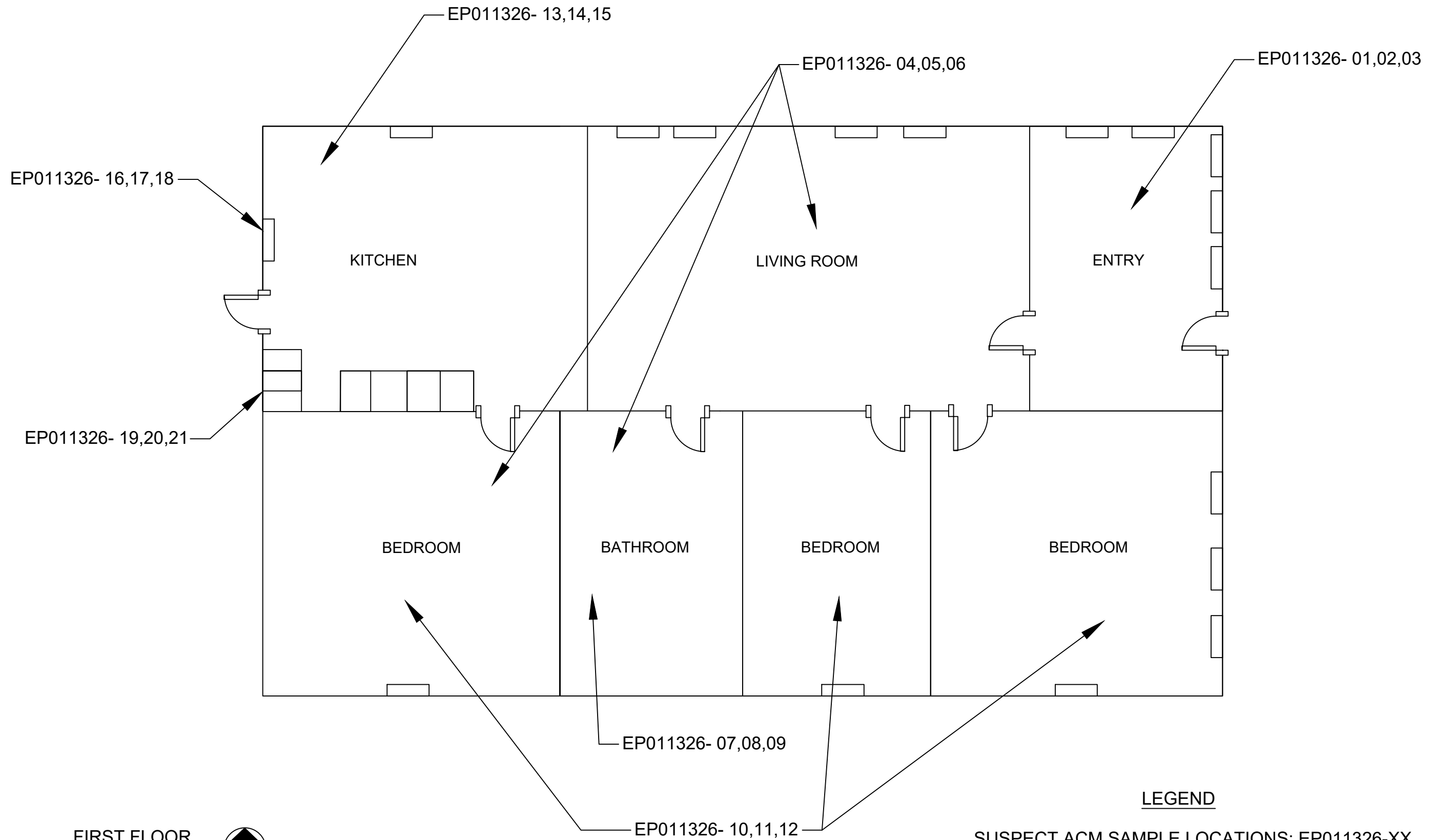
SUSPECT ASBESTOS-CONTAINING MATERIALS SAMPLE LOCATION PLAN

ASBESTOS SURVEY FOR BUILDING DEMOLITION (I-80)
607 KIEP AVENUE
JOLIET, IL 60436

GSG CONSULTANTS, INC.
732 E. BROADWAY, SUITE 200, JOLIET, IL 60438
TEL: 815/741-1111 FAX: 815/741-1112
ILLINOIS PROFESSIONAL DESIGN FIRM 18-00082

DRAWN BY:	PROJECT:
EP	21-2007
CHECKED BY:	SCALE:
KB	NTS
DATE:	SHEET #:
1/14/26	1 OF 4
SHEET NAME:	

SL-1



FIRST FLOOR
SCALE = N.T.S.



LEGEND

SUSPECT ACM SAMPLE LOCATIONS: EP011326-XX
BATCH NUMBER: 377356

SUSPECT ASBESTOS-CONTAINING MATERIALS SAMPLE LOCATION PLAN

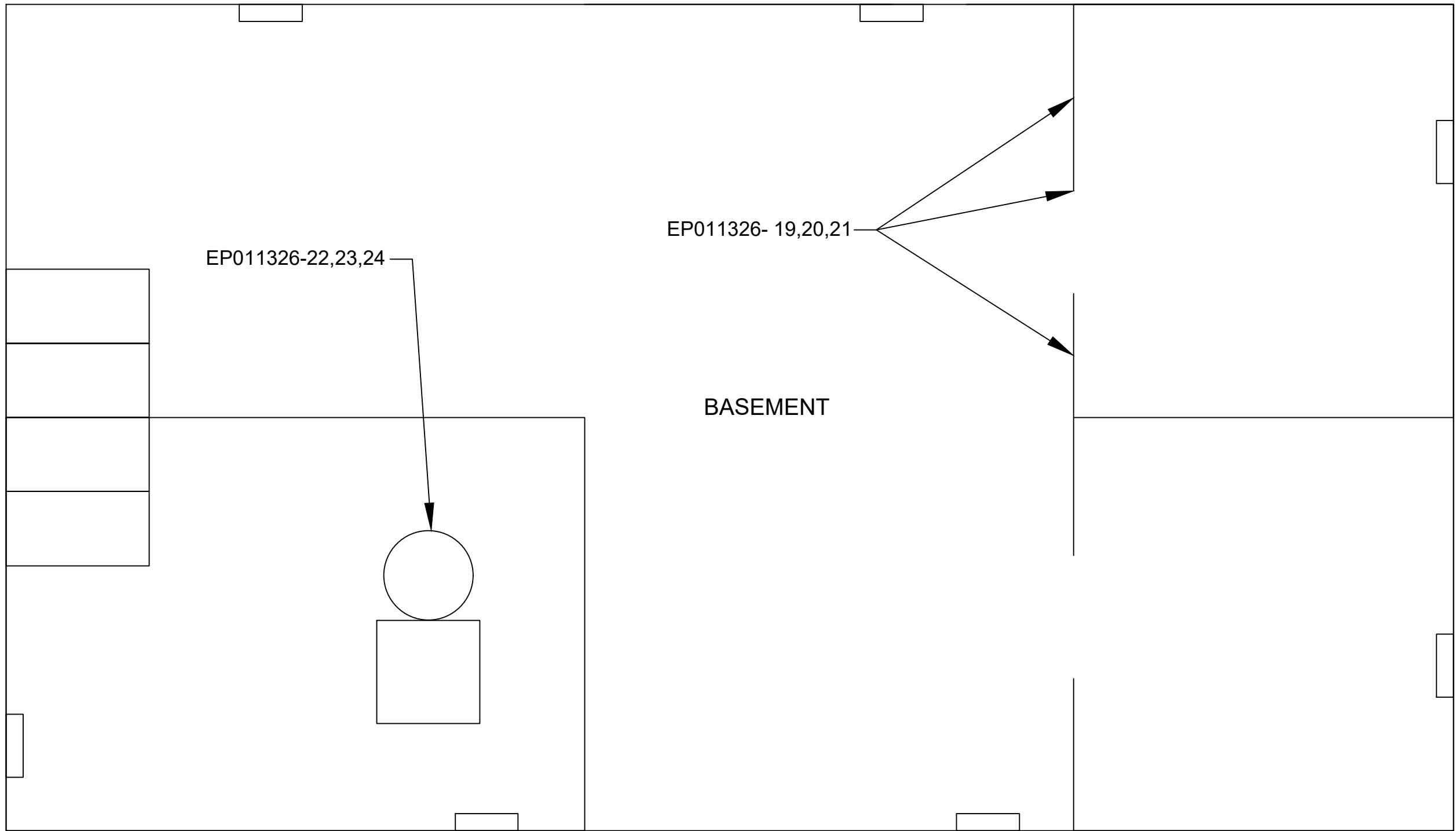
ASBESTOS SURVEY FOR BUILDING DEMOLITION (I-80)
607 KEIP AVENUE
JOLIET, IL 60436

GSG CONSULTANTS, INC.
732 E. BROADWAY, SUITE 200, JOLIET, IL 60436
TEL: 815/741-1111 FAX: 815/741-1112
ILLINOIS PROFESSIONAL DESIGN FIRM 14-000002



DRAWN BY:	PROJECT:
EP	21-2007
CHECKED BY:	SCALE:
KB	NTS
DATE:	SHEET #:
1/14/26	2 OF 4
SHEET NAME:	

SL-2



BASEMENT
SCALE = N.T.S.



LEGEND

SUSPECT ACM SAMPLE LOCATIONS: EP011326-XX
BATCH NUMBER: 377356

SUSPECT ASBESTOS-CONTAINING MATERIALS SAMPLE LOCATION PLAN

ASBESTOS SURVEY FOR BUILDING DEMOLITION (I-80)
607 KIEP AVENUE
JOLIET, IL 60436



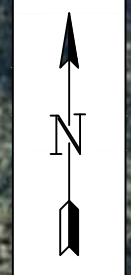
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EP	21-2007
CHECKED BY:	SCALE:
KB	NTS
DATE:	SHEET #:
1/14/26	3 OF 4

SHEET NAME:

SL-3



SCALE = N.T.S.



LEGEND
SUSPECT ACM SAMPLE LOCATIONS: EP011326-XX
BATCH NUMBER: 377356

ASBESTOS-CONTAINING MATERIALS LOCATION PLAN	
ASBESTOS SURVEY FOR BUILDING DEMOLITION (I-80) 607 KIEP AVENUE JOLIET, IL 60436	
 GSG CONSULTANTS, INC. 201 E. BROADWAY, SUITE 200, JOLIET, IL 60436 TEL: 815/741-1111 FAX: 815/741-1112 ILLINOIS PROFESSIONAL DESIGN FIRM 14-000002	
DRAWN BY:	PROJECT:
EP	21-2007
CHECKED BY:	SCALE:
KB	NTS
DATE:	SHEET #:
1/14/26	1 OF 4
SHEET NAME:	
SL-4	

APPENDIX A

Analytical Testing Results

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: I80 Over Des Plaines River
Location: 607 Kiep Avenue, Joliet, IL
Batch No.: 377356
Customer No.: 4651

Date Received: 01/13/2026
Date Analyzed: 01/20/2026
Date Reported: 01/20/2026
Turn Around Time: 5 Days

Laboratory Sample	Customer Sample Number	Asbestos Components (%)	Non-Asbestos Components (%)
377356001	EP011326-1	ND	Binder 99-100%
377356002	EP011326-1M	ND	Cellulose 1-5% Binder 95-99%
377356003	EP011326-2	ND	Binder 99-100%
377356004	EP011326-2M	ND	Cellulose 1-5% Binder 95-99%
377356005	EP011326-3	ND	Binder 99-100%
377356006	EP011326-3M	ND	Cellulose 1-5% Binder 95-99%
377356007	EP011326-4	ND	Cellulose 1-5% Binder 95-99%
377356008	EP011326-5	ND	Cellulose 1-5% Binder 95-99%
377356009	EP011326-6	ND	Cellulose 1-5% Binder 95-99%
377356010	EP011326-7	ND	Cellulose 1-5% Binder 95-99%
377356011	EP011326-8	ND	Cellulose 1-5% Binder 95-99%

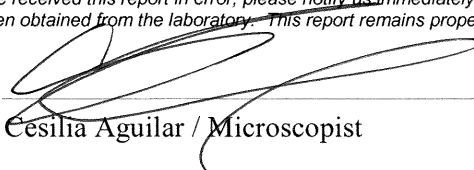
ND = Asbestos Not Detected (Not Present) NA = Not Analyzed NS = Not Submitted

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.

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory. This report remains property of STAT Analysis until payment is received in full (see invoice).

Analyzed by Name :


Cesilia Aguilar / Microscopist

Date: 01/20/2026

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: I80 Over Des Plaines River
Location: 607 Kiep Avenue, Joliet, IL
Batch No.: 377356
Customer No.: 4651

Date Received: 01/13/2026
Date Analyzed: 01/20/2026
Date Reported: 01/20/2026
Turn Around Time: 5 Days

Laboratory Sample	Customer Sample Number	Asbestos Components (%)	Non-Asbestos Components (%)
377356012	EP011326-9	ND	Cellulose 1-5% Binder 95-99%
377356013	EP011326-10	ND	Cellulose 1-5% Binder 95-99%
377356014	EP011326-11	ND	Cellulose 1-5% Binder 95-99%
377356015	EP011326-12	ND	Cellulose 1-5% Binder 95-99%
377356016	EP011326-13	ND	Cellulose 1-5% Binder 95-99%
377356017	EP011326-14	ND	Cellulose 1-5% Binder 95-99%
377356018	EP011326-15	ND	Cellulose 1-5% Binder 95-99%
377356019	EP011326-16	ND	Binder 99-100%
377356020	EP011326-17	ND	Cellulose 1-5% Binder 95-99%
377356021	EP011326-18	ND	Cellulose 1-5% Binder 95-99%

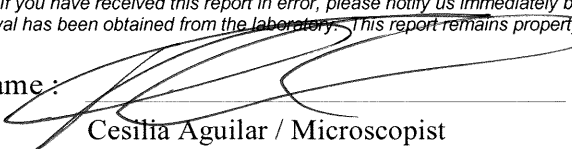
ND = Asbestos Not Detected (Not Present) NA = Not Analyzed NS = Not Submitted

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

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Analyzed by Name :


Cesilia Aguilar / Microscopist

Date: 01/20/2026

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: I80 Over Des Plaines River
Location: 607 Kiep Avenue, Joliet, IL
Batch No.: 377356
Customer No.: 4651

Date Received: 01/13/2026
Date Analyzed: 01/20/2026
Date Reported: 01/20/2026
Turn Around Time: 5 Days

Laboratory Sample	Customer Sample Number	Asbestos Components (%)	Non-Asbestos Components (%)
377356022	EP011326-19	ND	Cellulose 1-5% Binder 95-99%
377356023	EP011326-20	ND	Cellulose 1-5% Binder 95-99%
377356024	EP011326-21	ND	Cellulose 1-5% Binder 95-99%
377356025	EP011326-22	ND	Binder 99-100%
377356026	EP011326-23	ND	Binder 99-100%
377356027	EP011326-24	ND	Binder 99-100%
377356028	EP011326-25	ND	Binder 99-100%
377356029	EP011326-26	ND	Binder 99-100%
377356030	EP011326-27	ND	Binder 99-100%
377356031	EP011326-28	ND	Binder 99-100%
377356032	EP011326-29	ND	Binder 99-100%
377356033	EP011326-30	ND	Binder 99-100%
377356034	EP011326-31 TN	ND	Binder 90-95% Glass 5-10%
377356035	EP011326-31 BK	ND	Binder 90-95% Glass 5-10%

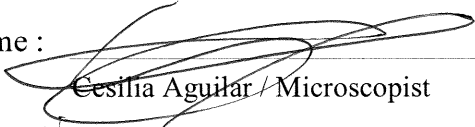
ND = Asbestos Not Detected (Not Present) NA = Not Analyzed NS = Not Submitted

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.

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory. This report remains property of STAT Analysis until payment is received in full (see invoice).

Analyzed by Name :


Cecilia Aguilar / Microscopist

Date: 01/20/2026

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: I80 Over Des Plaines River Date Received: 01/13/2026
Location: 607 Kiep Avenue, Joliet, IL Date Analyzed: 01/20/2026
Batch No.: 377356 Date Reported: 01/20/2026
Customer No.: 4651 Turn Around Time: 5 Days

Laboratory Sample	Customer Sample Number	Asbestos Components (%)	Non-Asbestos Components (%)
377356036	EP011326-31 M	ND	Binder 90-95% Glass 5-10%
377356037	EP011326-32 TN	ND	Binder 90-95% Glass 5-10%
377356038	EP011326-32 BK	ND	Binder 90-95% Glass 5-10%
377356039	EP011326-32 M	ND	Binder 90-95% Glass 5-10%
377356040	EP011326-33 TN	ND	Binder 90-95% Glass 5-10%
377356041	EP011326-33 BK	ND	Binder 90-95% Glass 5-10%
377356042	EP011326-33 M	ND	Binder 90-95% Glass 5-10%
377356043	EP011326-34	ND	Cellulose 1-5% Binder 95-99%
377356044	EP011326-35	ND	Cellulose 1-5% Binder 95-99%
377356045	EP011326-36	ND	Cellulose 1-5% Binder 95-99%

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

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Analyzed by Name :

Cesilia Aguilar / Microscopist

Date: 01/20/2026

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: I80 Over Des Plaines River
Location: 607 Kiep Avenue, Joliet, IL
Batch No.: 377356
Customer No.: 4651

Date Received: 01/13/2026
Date Analyzed: 01/20/2026
Date Reported: 01/20/2026
Turn Around Time: 5 Days

Laboratory Sample	Customer Sample Number	Asbestos Components (%)	Non-Asbestos Components (%)
377356046	EP011326-37	ND	Cellulose 1-5% Binder 95-99%
377356047	EP011326-38	ND	Cellulose 1-5% Binder 95-99%
377356048	EP011326-39	ND	Cellulose 1-5% Binder 95-99%
377356049	EP011326-40	ND	Binder 99-100%
377356050	EP011326-41	ND	Binder 99-100%
377356051	EP011326-42	ND	Binder 99-100%

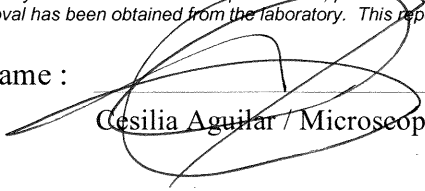
ND = Asbestos Not Detected (Not Present) NA = Not Analyzed NS = Not Submitted

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Analyzed by Name :


Cesilia Aguilar / Microscopist

Date: 01/20/2026



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

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PLM BULK LABORATORY ANALYSIS FORM

Project Name: 180 over DesPlaines River		Project Manager: Kyle Beyel	
Project Number:		Building Inspector: Erin Fahomi	
Project Address: 607 Krop Avenue		IDPH Number:	
City/ State: Joliet, IL		Work Day: S M ☒ W TH F S	
Client: WSP		Analyze by Method:	
Date: 1/13/26		EPA/600/R-93-116	

Field Number	HA Number	Type of material, specific sample location (i.e. Room Number, Building Construction Date)
EP01326-1	01	12"x12" Beige floor tile + mastic - Entry
2	1	1
3	1	1
4	02	Plaster Living room
5	1	Bedroom
6	1	Bathroom
7	03	Sink caulk - white Bathroom
8	1	1
9	1	1
10	04	Carpet mastic SE Bedroom
11	1	Center Bedroom
12	1	SW Bedroom
13	05	white counter caulk - kitchen
14	1	1
15	1	1

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

CHAIN OF CUSTODY RECORD

Collected By(Signature) <i>epahomi</i>	Date: 1/13/26	Time:	Relinquished by (Signature) <i>[Signature]</i>	Date: 1/13/26	Time: 12:07
Received by: (Signature)	Date:	Time:	Relinquished by: (signature)	Date:	Time:
Dispatched by: (Signature, if mailed)	Date:	Time:	Received for Laboratory by: <i>[Signature]</i>	Date: 1/13/26	Time: 12:07

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



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Schaumburg, IL 60173

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377356

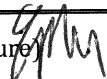
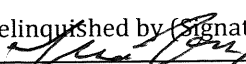
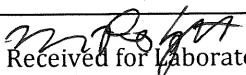
PLM BULK LABORATORY ANALYSIS FORM

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:	
Date:		EPA/600/R-93-116	

Field Number	HA Number	Type of material, specific sample location (i.e. Room Number, Building Construction Date)
EP011326-16	06	White interior caulk - Back window
17	1	1
18	1	1
19	07	Drywall system - Back stairs
20	1	Basement
21	1	1
22	08	Chimney Brick
23	1	1
24	1	1
25	09	Brick mortar
26	1	1
27	1	1
28	10	CMU mortar
29	1	1
30	1	1

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: 1/13/26	Time:	Relinquished by (Signature) 	Date: 1/13/26	Time: 12:07
Received by: (Signature)	Date:	Time:	Relinquished by: (signature)	Date:	Time:
Dispatched by: (Signature, if mailed)	Date:	Time:	Received for Laboratory by: 	Date: 1/13/26	Time: 12:07

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



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Schaumburg, IL 60173

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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:	
Date:		EPA/600/R-93-116	

Field Number	HA Number	Type of material, specific sample location (i.e. Room Number, Building Construction Date)
EPD11326 -31	11	Roof material (3 layers)
32	1	1
33	1	1
34	12	Exterior door caulk - grey
35	1	1
36	1	1
37	13	Exterior window caulk - grey
38	1	1
39	1	1
40	14	Exterior window glazing - white
41	1	1
42	1	1

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) <i>[Signature]</i>	Date: 1/13/26	Time:	Relinquished by (Signature) <i>[Signature]</i>	Date: 1/13/26	Time: 12:07
Received by: (Signature)	Date:	Time:	Relinquished by: (signature)	Date:	Time:
Dispatched by: (Signature, if mailed)	Date:	Time:	Received for Laboratory by: <i>[Signature]</i>	Date: 1/13/26	Time: 12:07

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

APPENDIX B

Reference Photographs

	Material Description: Plaster
	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: 1/13/26	

	Material Description: Interior Window Caulk
	Photo Location: Back Entrance
ILLINOIS DEPARTMENT OF TRANSPORTATION I-80 OVER DES PLAINES RIVER BRIDGE IMPROVEMENTS	 GSG Consultants, Inc. 735 Remington Road Schaumburg, Illinois 60173
Date: 1/13/26	

	Material Description: 12"X12" Beige Floor Tile & Mastic	
	Photo Location: Entry	
ILLINOIS DEPARTMENT OF TRANSPORTATION I-80 OVER DES PLAINES RIVER BRIDGE IMPROVEMENTS	 GSG Consultants, Inc. 735 Remington Road Schaumburg, Illinois 60173	Date: 1/13/26

	Material Description: 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: 1/13/26

	Material Description: Carpet Mastic	
	Photo Location: Bedroom	
ILLINOIS DEPARTMENT OF TRANSPORTATION I-80 OVER DES PLAINES RIVER BRIDGE IMPROVEMENTS	 GSG Consultants, Inc. 735 Remington Road Schaumburg, Illinois 60173	Date: 1/13/26

	Material Description: 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: 1/13/26



Material Description:
Roofing Material (3 Layers)

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: 1/13/26



Material Description:
Door Caulk

Photo Location:
Entryway

**ILLINOIS DEPARTMENT OF
TRANSPORTATION
I-80 OVER DES PLAINES RIVER BRIDGE
IMPROVEMENTS**



GSG Consultants, Inc.
735 Remington Road
Schaumburg, Illinois 60173

Date: 1/13/26

	Material Description: White Counter 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: 1/13/26

	Material Description: 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: 1/13/26



Material Description:
Drywall System (Tape,
Compound, and Drywall)

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: 1/13/26

APPENDIX C

Inspector Licenses and Training Certifications

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

5/28/2025

ASBESTOS PROFESSIONAL LICENSE ID NUMBER: 20674

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

Back of License



ASBESTOS
PROFESSIONAL
LICENSE

ENDORSEMENTS

TC EXPIRES

INSPECTOR

1/18/2026

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



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.

For more information or have any questions or need further assistance, contact the Asbestos Program at (217)782-3517 or 1-800-85-5897.

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

PROTECTING HEALTH, IMPROVING LIVES

Nationally Accredited by PHAB

CERTIFICATE OF ACHIEVEMENT ASBESTOS ABATEMENT

Approved by the Illinois Department of Public Health

This is to certify that

ERIN PAHOMI

has completed the ASBESTOS INSPECTOR'S REFRESHER course and successfully passed the examination on 1/17/2026 with a minimum score of 70% or better. Training was in accordance with U.S. E.P.A. 40 CFR 763 Subpart E, Appendix C, Asbestos Containing Materials in Schools: Model Accreditation Plan, TSCA II, Authorized by both AHERA & ASHARA and Indiana Rule 326 IAC 18-2.

Course Dates:

1/17/2026

Expires:

1/17/2027

Certificate Number:

2601BIR16



www.public-health-safety.com

Environmental &
Occupational Services

1528 West Adams Street
Chicago, Illinois 60607

Director of Training
Nicholas J. Peneff
Doctor of Public Health

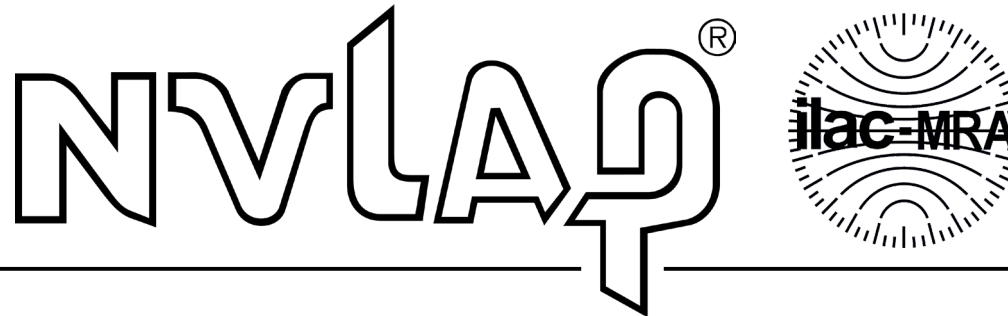
Phone: (312)
491-0081

Form # A-010B

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:*

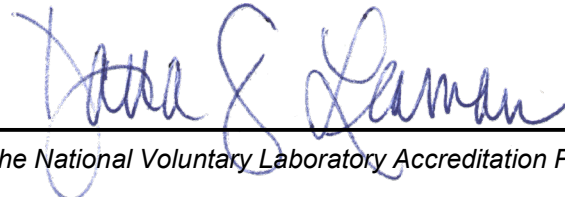
Asbestos Fiber Analysis

*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 Communiqué on ISO/IEC 17025).*

2024-07-01 through 2025-06-30

Effective Dates




For the 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

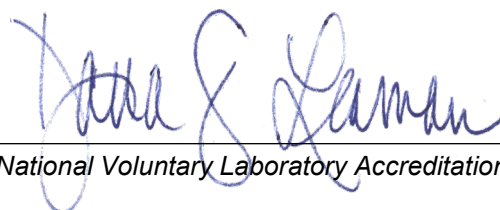
NVLAP LAB CODE 101202-0

Bulk Asbestos Analysis

<u>Code</u>	<u>Description</u>
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

<u>Code</u>	<u>Description</u>
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