

Illinois Department of Transportation

Asbestos Abatement Survey

Work Order No.: 36

Job Order No.: R-90-001-21

Route: IL 43

Parcel No.: 0N30006

6435 S. Old Harlem Avenue

Chicago, Cook County, IL 60638

July 16, 2025

Asbestos Abatement Survey

Work Order No.: 36

Job Order No.: R-90-001-21

Route: IL 43

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6435 S. Old Harlem Avenue

Chicago, Cook County, IL 60638

July 16, 2025

Prepared By:

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Acronyms and Abbreviations

ACM	asbestos-containing material
AHERA	Asbestos Hazard Emergency Response Act
Arcadis	Arcadis U.S., Inc.
ASTM	ASTM International
CFR	Code of Federal Regulations
COC	chain of custody
DS	dispersion staining
HA	homogeneous area
IAC	Illinois Administrative Code
IDPH	Illinois Department of Public Health
IDOT	Illinois Department of Transportation
IEPA	Illinois Environmental Protection Agency
NESHAP	National Emissions Standards for Hazardous Air Pollutant
NIOSH	National Institute for Occupational Safety and Health
NVLAP	National Voluntary Laboratory Accreditation Program
OSHA	Occupational Safety and Health Administration
PLM	polarized light microscopy
PPE	personal protective equipment
QA/QC	quality control/quality assurance
STAT	STAT Analysis Corporation of Chicago, Illinois
USEPA	United States Environmental Protection Agency

1 Introduction

Arcadis U.S., Inc. (Arcadis) conducted an asbestos abatement survey (survey) at Parcel No. 0N30006 located at 6435 S. Old Harlem Avenue, Chicago, Cook County, Illinois (Site) in accordance with Work Order No. 36 under the Prime Agreement for Consulting Services for PTB No. 202-043 between Illinois Department of Transportation (IDOT) and Arcadis. Arcadis' services and report are subject to the Limitations and Service Constraints provided in **Appendix A**.

The Site is improved with a split-level residential building with a lower level and partially finished sub-basement, constructed in 1992, and covering approximately 1,276 square feet above grade. A two-car detached garage is also present and included in the scope of the work.

The objective of the survey was to ascertain the general presence, quantity, and location of asbestos-containing materials (ACMs) at the site that may be impacted by the planned demolition and provide preliminary cost estimates for asbestos abatement that may be required prior to demolition activities.

The survey activities were conducted on May 16, 2025, by Anthony Spalla of Arcadis U.S., Inc. and Patrick Hook of A3 Environmental LLC. (A3E), an Arcadis sub-consultant. Mr. Hook collected additional samples on June 16, 2025. Copies of their accreditations are provided in **Appendix B**.

2 Survey Methodology

Arcadis conducted the asbestos survey 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. 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. Arcadis conducted the asbestos survey in general accordance with ASTM International (ASTM) E2356 Standard Practice for Comprehensive Building Asbestos Surveys. ASTM E2356 meets the applicable asbestos survey and/or sampling requirements of current USEPA NESHAP Standard [40 Code of Federal Regulations (CFR) 61, Subpart M (Asbestos)], USEPA Asbestos Hazard Emergency Response Act (AHERA) [40 CFR 763, Subpart E], and Occupational Safety and Health Administration (OSHA) Asbestos Construction Standard [29 CFR 1926.1101].

The survey included an inspection of the structures to be impacted by the planned demolition providing a general sense of the overall location, type, quantity, and condition of suspect ACMs present. The asbestos survey included a visual and physical assessment of each accessible space to locate suspect ACMs. Suspect materials were divided into "Homogeneous Areas" (HAs) (i.e., materials that were determined by the inspector to be homogeneous based on their color, texture, and assumed date of installation).

A representative number of samples were collected from each HA. Bulk material samples were collected in 4-milliliter plastic bags and tightly sealed for transport to STAT Analysis Corporation (STAT) in Chicago, Illinois. Each sample collected by Arcadis was assigned its own unique coded number and sent for laboratory analysis under a chain-of-custody (COC) protocol.

The survey included destructive, intrusive, and/or exploratory testing unless specifically prohibited by IDOT. Destructive sampling is performed in order to identify materials which are hidden or obstructed. Hidden 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.

3 Analytical Methods

Asbestos bulk samples were analyzed for asbestos (reported in percent of type of asbestos) using polarized light microscopy with dispersion staining (PLM/DS) in accordance with the USEPA Method 600/R-93/116. Percentage estimates of each material's composition are based on the analyst's best visual judgment following PLM/DS analysis, and examination with a stereoscope.

STAT is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP). A copy of their accreditation is provided in **Appendix B**. Laboratory analytical reports are provided in **Appendix C**.

4 Findings

Arcadis identified 49 HAs from which 156 samples were collected and analyzed. A listing of the identified HAs, including each HA material description, location, sample number, condition, asbestos content, and estimated quantity, are presented in Table 1. Approximate sampling locations are shown on Figures 1-3 and locations of identified ACM are shown on Figure 4.

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 samples collected by Arcadis as part of the survey were reported by the laboratory to be ND = Asbestos Not Detected (Not Present).

No HAs were identified as assumed ACM.

Representative photographs are provided in **Appendix D**.

5 Recommendations

ACMs identified at the site that may be disturbed during demolition activities, must be removed by a licensed asbestos abatement contractor utilizing industry standard work procedures in accordance with all federal, state, and local regulations governing asbestos.

If other suspect materials not referenced in this survey report are identified during demolition activities, we recommend these materials be assumed ACM until the materials are inspected by a licensed asbestos inspector, sampled, and submitted for laboratory analysis.

6 Cost Estimate

Arcadis prepared this rough order of magnitude (ROM) opinion of cost to support planned asbestos abatement activities at the Site prior to building demolition.

ROUGH ORDER OF MAGNITUDE OPINION OF ASBESTOS ABATEMENT COSTS		
ASBESTOS ABATEMENT COSTS		
Item	Estimated Cost	Estimated Duration (Days)
Removal/disposal of identified ACM	N/A	N/A
Removal/disposal of assumed ACM	N/A	N/A
Sub-Total Estimated Abatement Costs	N/A	N/A
Contingency (15%)	N/A	N/A
Total Estimated Abatement Costs	N/A	N/A
ASBESTOS OVERSIGHT COSTS		
Item	Estimated Cost	Estimated Duration (Days)
Project Management/Coordination/Reporting	N/A	N/A
ACM Abatement Oversight (including equipment and analysis)	N/A	N/A
Sub-Total Estimated Oversight Costs	N/A	N/A
Contingency (15%)	N/A	N/A
Total Estimated Oversight Costs	N/A	N/A
TOTAL ESTIMATED PROJECT COST (WITH 15% CONTINGENCY)	N/A	N/A

The above ROM opinion of cost is based on the following assumptions:

- Cost estimate is based on the information identified in Arcadis' survey report.
- Cost estimate includes permits, labor, equipment, waste transport and disposal.
- Cost estimate assumes work will be awarded in its entirety to one contractor and completed during a single mobilization.
- Cost estimate includes consulting fees such as project management, project oversight, air sampling, etc.
- Actual bids and schedule durations may vary.
- Oversight costs are dependent upon the project duration which may vary depending on the contractor's schedule and is outside of Arcadis' control.

7 Additional Survey Limitations

Arcadis' survey is subject to the following survey limitations.

- The investigation did not include access or inspection of confined spaces, underground piping, conduits, and building footings, if any.
- If other suspect materials, not referenced in this survey report, are identified during renovation or demolition activities, Arcadis recommends that these materials be considered regulated until they are inspected by an appropriately certified inspector and proven otherwise.
- Utilities/services, including electric, water, and heat, were active in most areas surveyed. Materials associated with electrical components and energized equipment were not safely accessible and were not sampled.

Table

Table 1. Asbestos Homogeneous Areas Summary
IDOT - Asbestos Abatement Survey
WO # 36
6435 S. Old Harlem, Chicago, Illinois

HA No.	Material Description	Material Location	Sample Number	Condition	Friability	Asbestos Content	Estimated Quantity	Unit	Notes
1	White and Black 2" x 2" Ceramic Floor Tile	2nd Floor Bathroom 2	1A, 1B, 1C	Good	Non-Friable	NAD	55	SF	
2	White Grout associated with HA-1	2nd Floor Bathroom 2	2A, 2B, 2C	Good	Non-Friable	NAD	55	SF	
3	Gray Adhesive associated with HA-1	2nd Floor Bathroom 2	3A, 3B, 3C	Good	Non-Friable	NAD	55	SF	
4	White 9" x 9" Ceramic Floor Tile	2nd Floor Bathroom 1	4A, 4B, 4C	Good	Non-Friable	NAD	56	SF	
5	Gray Grout associated with HA-4	2nd Floor Bathroom 1	5A, 5B, 5C	Good	Non-Friable	NAD	56	SF	
6	Gray Adhesive associated with HA-4	2nd Floor Bathroom 1	6A, 6B, 6C	Good	Non-Friable	NAD	56	SF	
7	Gray 6" x 9" Wall Tile	2nd Floor Bathroom 1	7A, 7B, 7C	Good	Non-Friable	NAD	50	SF	
8	Gray Grout associated with HA-7	2nd Floor Bathroom 1	8A, 8B, 8C	Good	Non-Friable	NAD	50	SF	
9	Gold Adhesive associated with HA-7	2nd Floor Bathroom 1	9A, 9B, 9C	Good	Non-Friable	NAD	50	SF	
10	Beige 3" x 3" Wall Tile	1st Floor Kitchen	10A, 10B, 10C	Good	Non-Friable	NAD	22	SF	
11	Beige Grout associated with HA-10	1st Floor Kitchen	11A, 11B, 11C	Good	Non-Friable	NAD	22	SF	
12	White Adhesive associated with HA-10	1st Floor Kitchen	12A, 12B, 12C	Good	Non-Friable	NAD	22	SF	
13	White 12" x 12" and 16" x 16" Ceramic Floor Tile	1st Floor Kitchen	13A, 13B, 13C	Good	Non-Friable	NAD	275	SF	
14	Gray Grout associated with HA-13	1st Floor Kitchen	14A, 14B, 14C	Good	Non-Friable	NAD	275	SF	
15	Gray Adhesive associated with HA-13	1st Floor Kitchen	15A, 15B, 15C	Good	Non-Friable	NAD	275	SF	
16	White 12" x 12" Ceramic Floor Tile	Basement Foyer	16A, 16B, 16C	Good	Non-Friable	NAD	33	SF	
17	Gray Grout associated with HA-16	Basement Foyer	17A, 17B, 17C	Good	Non-Friable	NAD	33	SF	
18	White Mortar associated with HA-16	Basement Foyer	18A, 18B, 18C	Good	Non-Friable	NAD	33	SF	
19	Beige 6" x 6" Ceramic Floor Tile	Basement Bathroom 3	19A, 19B, 19C	Good	Non-Friable	NAD	49	SF	
20	Gray Grout associated with HA-19	Basement Bathroom 3	20A, 20B, 20C	Good	Non-Friable	NAD	49	SF	

Table 1. Asbestos Homogeneous Areas Summary
IDOT - Asbestos Abatement Survey
WO # 36
6435 S. Old Harlem, Chicago, Illinois

HA No.	Material Description	Material Location	Sample Number	Condition	Friability	Asbestos Content	Estimated Quantity	Unit	Notes
21	Gray Adhesive associated with HA-19	Basement Bathroom 3	21A, 21B, 21C	Good	Non-Friable	NAD	49	SF	
22	Beige 6" x 9" Ceramic Wall Tile	Basement Bathroom 3	22A, 22B, 22C	Good	Non-Friable	NAD	44	SF	
23	White Grout associated with HA-22	Basement Bathroom 3	23A, 23B, 23C	Good	Non-Friable	NAD	44	SF	
24	Gold Adhesive associated with HA-22	Basement Bathroom 3	24A, 24B, 24C	Good	Non-Friable	NAD	44	SF	
25	White 12" x 12" Vinyl Floor Tile	Basement Open Area, Utility	25A, 25B, 25C	Good	Non-Friable	NAD	600	SF	
26	Gold Adhesive associated with HA-25	Basement Open Area, Utility	26A, 26B, 26C	Good	Non-Friable	NAD	600	SF	
27	White Gypsum Board	Throughout the House	27A, 27B, 27C, 27D, 27E, 27F	Good	Non-Friable	NAD	9,320	SF	
28	White Joint Compound	Throughout the House	28A, 28B, 28C, 28D, 28E, 28F	Good	Non-Friable	NAD	9,320	SF	
29	White Drywall Tape associated with HA-27	Throughout the House	29A, 29B, 29C, 29D, 29E, 29F	Good	Non-Friable	NAD	9,320	SF	
30	Beige Brick	Exterior of House and Garage	30A, 30B, 30C	Good	Non-Friable	NAD	3,528	SF	
31	Gray Brick Mortar	Exterior of House and Garage	31A, 31B, 31C	Good	Non-Friable	NAD	3,528	SF	
32	Black Vapor Barrier	On Foundation of House and Garage	32A, 32B, 32C	Good	Non-Friable	NAD	1,400	SF	
33	Gray Concrete Foundation	House Foundation	33A, 33B, 33C	Good	Non-Friable	NAD	2,000	SF	
34	White Door and Window Caulk	House Exterior Windows and Doors	34A, 34B, 34C	Good	Non-Friable	NAD	500	LF	
35	Black Asphalt Shingles	Roof of House	35A, 35B, 35C	Good	Non-Friable	NAD	1,600	SF	
36	Black Tar Paper Layer	Roof of House	36A, 36B, 36C	Good	Non-Friable	NAD	1,600	SF	
37	Black Asphalt Shingles	Roof of Garage	37A, 37B, 37C	Good	Non-Friable	NAD	450	SF	

Table 1. Asbestos Homogeneous Areas Summary
IDOT - Asbestos Abatement Survey
WO # 36
6435 S. Old Harlem, Chicago, Illinois

HA No.	Material Description	Material Location	Sample Number	Condition	Friability	Asbestos Content	Estimated Quantity	Unit	Notes
38	Black Tar Paper Layer	Roof of Garage	38A, 38B, 38C	Good	Non-Friable	NAD	450	SF	
39	White Vapor Barrier	Under Siding of House Exterior	39A, 39B, 39C	Good	Non-Friable	NAD	624	SF	
40	White 16" x 4" Ceramic Wall Tile	2nd Floor Bathroom 2	40A, 40B, 40C	Good	Non-Friable	NAD	44	SF	
41	White Grout associated with HA-40	2nd Floor Bathroom 2	41A, 41B, 41C	Good	Non-Friable	NAD	44	SF	
42	Gray Adhesive associated with HA-40	2nd Floor Bathroom 2	42A, 42B, 42C	Good	Non-Friable	NAD	44	SF	
43	Beige Fire Brick	Basement Family Room	43A, 43B, 43C	Good	Non-Friable	NAD	60	SF	
44	Red Brick	Basement Family Room Fireplace	44A, 44B, 44C	Good	Non-Friable	NAD	65	SF	
45	Gray Mortar associated with HA-44	Basement Family Room	45A, 45B, 45C	Good	Non-Friable	NAD	65	SF	
46	White Vinyl Baseboard	Garage Walls	46A, 46B, 46C	Good	Non-Friable	NAD	50	LF	
47	Beige Mastic associated with HA-46	Garage Walls	47A, 47B, 47C	Good	Non-Friable	NAD	50	LF	
48	Beige Sealant	Under Hardwood Floor in Basement Family Room	48A, 48B, 48C	Good	Non-Friable	NAD	336	SF	
49	White Gypsum Board	Garage Walls	49A, 49B, 49C	Good	Non-Friable	NAD	570	SF	

Notes:

ACM = Asbestos-Containing Material

Assumed ACM = A material determined by the inspector to be suspect ACM and is considered asbestos-containing until laboratory analysis can prove otherwise.

NAD = No Asbestos Detected

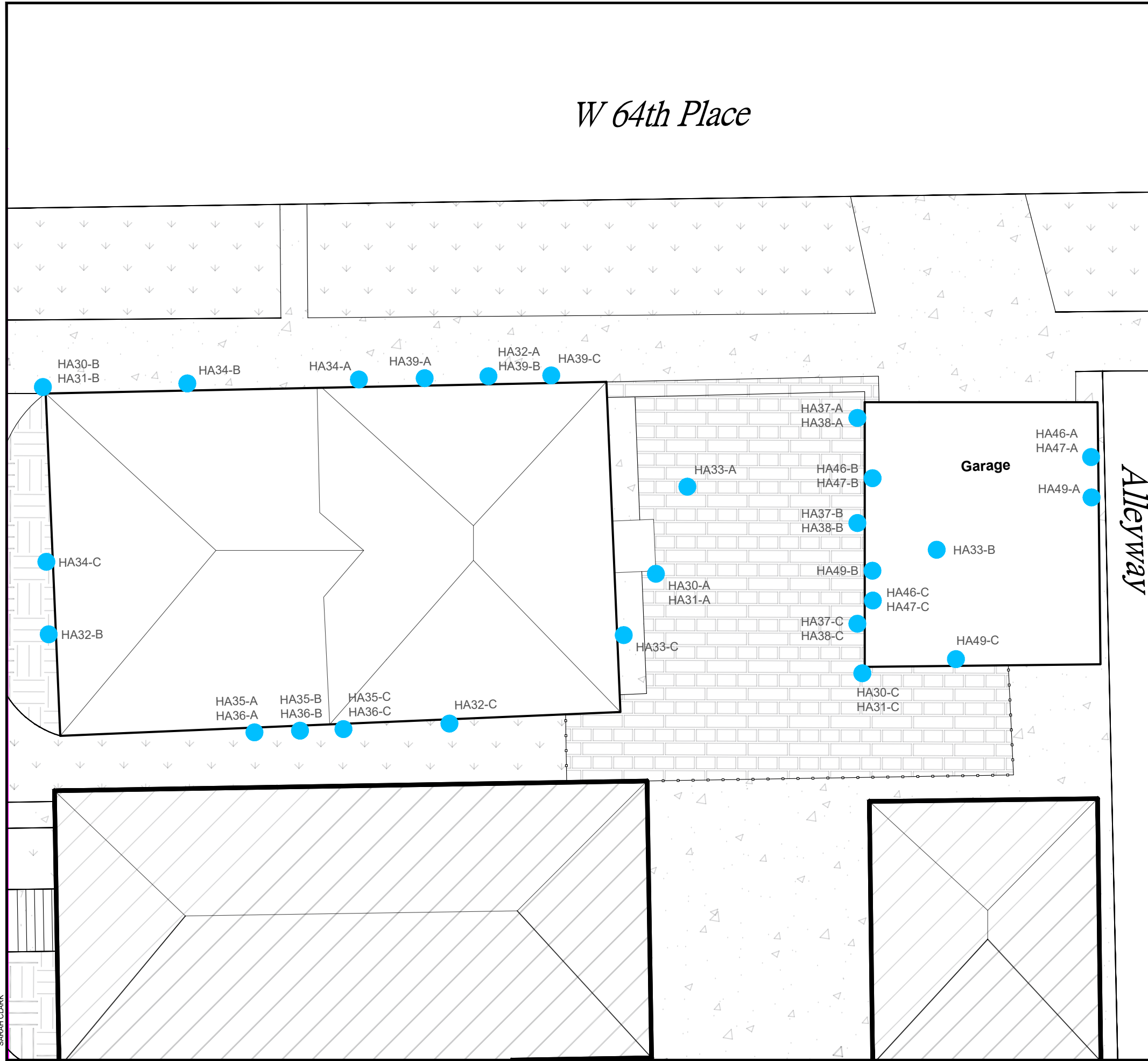
EA = Each

LF = Linear Foot

SF = Square Foot

Figures

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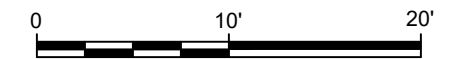


LEGEND

● ASBESTOS SAMPLE

NOTE

BASE MAP DEVELOPED FROM ONSITE INVESTIGATION.



Approximate Scale: 1 in. = 10 ft.

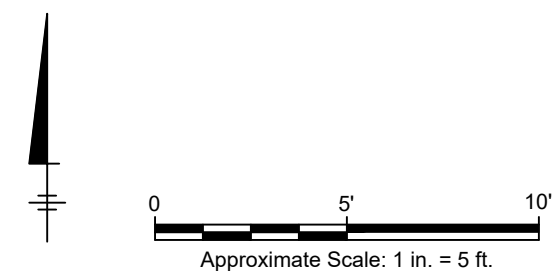
IDOT / Asbestos Surveys WO #036
Job No. R-90-001-21
Route IL 43 0N30006
6435 S Old Harlem Avenue
Chicago, Cook County, Illinois
ASBESTOS ABATEMENT SURVEY

**SAMPLING LOCATIONS -
EXTERIOR**



FIGURE

1

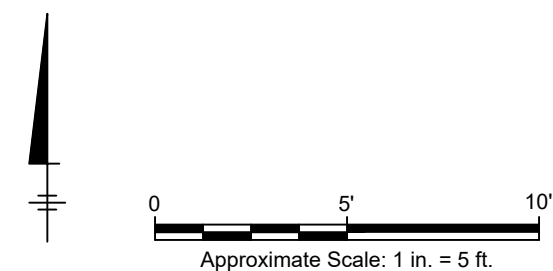


IDOT / Asbestos Surveys WO #036
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Route IL 43 ON30006
6435 S Old Harlem Avenue
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ASBESTOS ABATEMENT SURVEY

SAMPLING LOCATIONS - FIRST & SECOND FLOORS

ASBESTOS SAMPLE

BASE MAP DEVELOPED FROM ONSITE INVESTIGATION.



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Route IL 43 0N30006
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Chicago, Cook County, Illinois
ASBESTOS ABATEMENT SURVEY

SAMPLING LOCATIONS - BASEMENT 1 & BASEMENT 2



FIGURE

Appendix A

Limitations and Service Constraints

Limitations and Service Constraints

The opinions, conclusions and recommendations presented in this report are limited to the information obtained during the performance of the specific scope of service identified in the report. To the extent that Arcadis relied upon any information prepared by other parties not under direct contract to Arcadis, no representation as to the accuracy or completeness of such information is made. This report is an instrument of professional service and the services described in the report were performed in accordance with generally accepted standards and level of skill and care ordinarily exercised by members of the profession working under similar conditions including comparable budgetary and schedule constraints. No warranty, guarantee or certification express or implied, is intended or given with respect to Arcadis' services, opinions, conclusions, or recommendations. This statement is in lieu of any other statement either expressed or implied.

Arcadis' observations, the results of testing and Arcadis' opinions, conclusions and recommendations apply solely to conditions existing at the specific times when and specific locations where Arcadis' investigative work was performed. Arcadis affirms that data gathered and presented by Arcadis in this report was collected in an appropriate manner in accordance with generally accepted methods and practices. Arcadis cannot be responsible for decisions made by our client solely on the basis of economic factors. Observation and testing activities such as those conducted by Arcadis are inherently limited and do not represent a conclusive or complete characterization. Arcadis analyzed only the substances, conditions and locations described in the report at the time indicated. Conditions in other parts of the project site, building or area may vary from conditions at the specific locations where observations were made and where testing was performed by Arcadis. Additionally, other building material hazards which were not identified by Arcadis, may also be present in inaccessible areas, including within walls and cavities, above ceilings, and below floors. Therefore, the extent of Arcadis' opinions, conclusions and recommendations are limited and 100% confidence in these opinions, conclusions and recommendations cannot reasonably be achieved. Nothing contained in this report shall relieve any other party of its responsibility to abide by contract documents and applicable laws, codes, regulations, or standards nor shall it be considered medical advice or consultation.

This report is expressly for the sole and exclusive use of the party for whom this report was originally prepared and for the particular purpose outlined in the report. Only the party for whom this report was originally prepared and/or other specifically named parties have the right to make use of and rely upon this report. Reuse of this report or any portion thereof for other than its intended purpose, or if modified, or if used by third parties, shall be at the user's sole risk. This report must be presented in its entirety.

Appendix B

Accreditations

Inspector

Laboratory



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

PATRICK W HOOK
2025 WOODLANE DR
LINDENHURST, IL 60046

3/10/2025


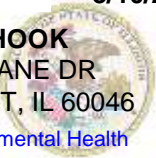
ASBESTOS PROFESSIONAL LICENSE ID NUMBER: 10967

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
ID NUMBER 100 - 10967	ISSUED 3/10/2025	EXPIRES 05/15/2026	INSPECTOR	1/10/2026
PATRICK W HOOK 2025 WOODLANE DR LINDENHURST, IL 60046 Environmental Health			PROJECT MANAGER	1/11/2026
			Alteration of this license shall result in legal action This license issued under authority of the State of Illinois Department of Public Health This license is valid only when accompanied by a valid training course certificate.	
				

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

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



OCCUPATIONAL TRAINING & SUPPLY, INC.

7233 S. Adams Street | Willowbrook, IL 60527 (630) 655-3900 | www.otssafety.com

2024

Asbestos Building Inspector Refresher

Occupational Training & Supply, Inc. certifies that

Anthony Spalla

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

Course Date: 8/5/2024

Exam Date: 8/5/2024

Expiration Date: 8/5/2025

Certificate Number: BIR2408052293

Course Credit Hours: BIR 4 Hours

Kristina Miczek, Training Manager

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



A handwritten signature in blue ink, reading "Dana S. Laman".

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

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

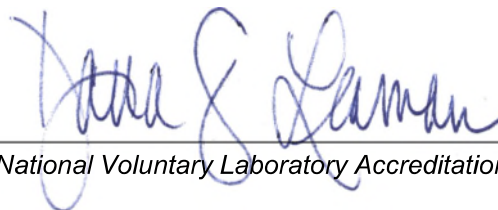
Airborne Asbestos Analysis

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

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 101202-0

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management system (refer to joint ISO-ILAC-IAF Communiqué on ISO/IEC 17025).*

2025-07-01 through 2026-06-30

Effective Dates



A handwritten signature in blue ink, appearing to read "R. K. Knech".

For the National Voluntary Laboratory Accreditation Program

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

STAT Analysis Corporation

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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

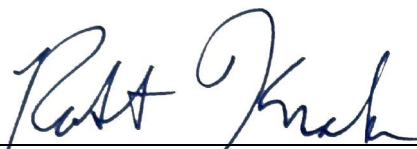
Airborne Asbestos Analysis

Code

Description

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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

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

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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

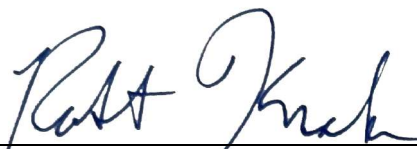
Airborne Asbestos Analysis

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

Appendix C

Laboratory Reports

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).*

2025-07-01 through 2026-06-30

Effective Dates



A handwritten signature in dark ink, appearing to read "Robert J. Kueh".

For the National Voluntary Laboratory Accreditation Program

ASBESTOS ANALYSIS BY POLARIZED LIGHT MICROSCOPY

Method: EPA/600/R-93/116

Arcadis US Inc.
225 W. Wacker Drive, Suite 2015
Chicago, IL 60606
Phone: (312) 575-3718

Reference: 30253552 Date Received: 05/19/2025
Location: WO #36, 6435 Old Harlem, Bedford Park Date Analyzed: 05/27/2025
Batch No.: 374895 Date Reported: 05/27/2025
Customer No.: 2530 Turn Around Time: 5 Days

Laboratory Sample	Customer Sample Number	Asbestos Components (%)	Non-Asbestos Components (%)
374895001	HA-1-A	ND	Cellulose 1-5% Binder 95-99%
374895002	HA-1-B	ND	Cellulose 1-5% Binder 95-99%
374895003	HA-1-C	ND	Cellulose 1-5% Binder 95-99%
374895004	HA-2-A	ND	Cellulose 1-5% Binder 95-99%
374895005	HA-2-B	ND	Cellulose 1-5% Binder 95-99%
374895006	HA-2-C	ND	Cellulose 1-5% Binder 95-99%
374895007	HA-3-A	ND	Cellulose 1-5% Binder 95-99%
374895008	HA-3-B	ND	Cellulose 1-5% Binder 95-99%
374895009	HA-3-C	ND	Cellulose 1-5% Binder 95-99%
374895010	HA-4-A	NS	
374895011	HA-4-B	NS	

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

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Laboratory Sample	Customer Sample Number	Asbestos Components (%)	Non-Asbestos Components (%)
374895012	HA-4-C	NS	
374895013	HA-5-A	NS	
374895014	HA-5-B	NS	
374895015	HA-5-C	NS	
374895016	HA-6-A	NS	
374895017	HA-6-B	NS	
374895018	HA-6-C	NS	
374895019	HA-7-A	ND	Cellulose 1-5% Binder 95-99%
374895020	HA-7-B	ND	Cellulose 1-5% Binder 95-99%
374895021	HA-7-C	ND	Cellulose 1-5% Binder 95-99%
374895022	HA-8-A	ND	Cellulose 1-5% Binder 95-99%
374895023	HA-8-B	ND	Cellulose 1-5% Binder 95-99%
374895024	HA-8-C	ND	Cellulose 1-5% Binder 95-99%


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Daniel Mikos / Microscopist

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Laboratory Sample	Customer Sample Number	Asbestos Components (%)	Non-Asbestos Components (%)
374895025	HA-9-A	ND	Cellulose 1-5% Binder 95-99%
374895026	HA-9-B	ND	Cellulose 1-5% Binder 95-99%
374895027	HA-9-C	ND	Cellulose 1-5% Binder 95-99%
374895028	HA-10-A	ND	Cellulose 1-5% Binder 95-99%
374895029	HA-10-B	ND	Cellulose 1-5% Binder 95-99%
374895030	HA-10-C	ND	Cellulose 1-5% Binder 95-99%
374895031	HA-11-A	ND	Cellulose 1-5% Binder 95-99%
374895032	HA-11-B	ND	Cellulose 1-5% Binder 95-99%
374895033	HA-11-C	ND	Cellulose 1-5% Binder 95-99%
374895034	HA-12-A	ND	Cellulose 1-5% Binder 95-99%


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Laboratory Sample	Customer Sample Number	Asbestos Components (%)	Non-Asbestos Components (%)
374895035	HA-12-B	ND	Cellulose 1-5% Binder 95-99%
374895036	HA-12-C	ND	Cellulose 1-5% Binder 95-99%
374895037	HA-13-A	ND	Cellulose 1-5% Binder 95-99%
374895038	HA-13-B	ND	Cellulose 1-5% Binder 95-99%
374895039	HA-13-C	ND	Cellulose 1-5% Binder 95-99%
374895040	HA-14-A	ND	Cellulose 1-5% Binder 95-99%
374895041	HA-14-B	ND	Cellulose 1-5% Binder 95-99%
374895042	HA-14-C	ND	Cellulose 1-5% Binder 95-99%
374895043	HA-15-A	ND	Cellulose 1-5% Binder 95-99%
374895044	HA-15-B	ND	Cellulose 1-5% Binder 95-99%


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Laboratory Sample	Customer Sample Number	Asbestos Components (%)	Non-Asbestos Components (%)
374895045	HA-15-C	ND	Cellulose 1-5% Binder 95-99%
374895046	HA-16-A	ND	Cellulose 1-5% Binder 95-99%
374895047	HA-16-B	ND	Cellulose 1-5% Binder 95-99%
374895048	HA-16-C	ND	Cellulose 1-5% Binder 95-99%
374895049	HA-17-A	ND	Cellulose 1-5% Binder 95-99%
374895050	HA-17-B	ND	Cellulose 1-5% Binder 95-99%
374895051	HA-17-C	ND	Cellulose 1-5% Binder 95-99%
374895052	HA-18-A	ND	Cellulose 1-5% Binder 95-99%
374895053	HA-18-B	ND	Cellulose 1-5% Binder 95-99%
374895054	HA-18-C	ND	Cellulose 1-5% Binder 95-99%

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Laboratory Sample	Customer Sample Number	Asbestos Components (%)	Non-Asbestos Components (%)
374895055	HA-19-A	ND	Cellulose 1-5% Binder 95-99%
374895056	HA-19-B	ND	Cellulose 1-5% Binder 95-99%
374895057	HA-19-C	ND	Cellulose 1-5% Binder 95-99%
374895058	HA-20-A	ND	Cellulose 1-5% Binder 95-99%
374895059	HA-20-B	ND	Cellulose 1-5% Binder 95-99%
374895060	HA-20-C	ND	Cellulose 1-5% Binder 95-99%
374895061	HA-21-A	ND	Cellulose 1-5% Binder 95-99%
374895062	HA-21-B	ND	Cellulose 1-5% Binder 95-99%
374895063	HA-21-C	ND	Cellulose 1-5% Binder 95-99%
374895064	HA-22-A	ND	Cellulose 1-5% Binder 95-99%

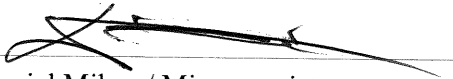
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Laboratory Sample	Customer Sample Number	Asbestos Components (%)	Non-Asbestos Components (%)
374895065	HA-22-B	ND	Cellulose 1-5% Binder 95-99%
374895066	HA-22-C	ND	Cellulose 1-5% Binder 95-99%
374895067	HA-23-A	ND	Cellulose 1-5% Binder 95-99%
374895068	HA-23-B	ND	Cellulose 1-5% Binder 95-99%
374895069	HA-23-C	ND	Cellulose 1-5% Binder 95-99%
374895070	HA-24-A	ND	Cellulose 1-5% Binder 95-99%
374895071	HA-24-B	ND	Cellulose 1-5% Binder 95-99%
374895072	HA-24-C	ND	Cellulose 1-5% Binder 95-99%
374895073	HA-25-A	ND	Cellulose 1-5% Binder 95-99%
374895074	HA-25-B	ND	Cellulose 1-5% Binder 95-99%

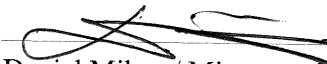
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Laboratory Sample	Customer Sample Number	Asbestos Components (%)	Non-Asbestos Components (%)
374895075	HA-25-C	ND	Cellulose 1-5% Binder 95-99%
374895076	HA-26-A	ND	Cellulose 1-5% Binder 95-99%
374895077	HA-26-B	ND	Cellulose 1-5% Binder 95-99%
374895078	HA-26-C	ND	Cellulose 1-5% Binder 95-99%
374895079	HA-27-A	ND	Cellulose 10-15% Binder 85-90%
374895080	HA-27-B	ND	Cellulose 10-15% Binder 85-90%
374895081	HA-27-C	ND	Cellulose 10-15% Binder 85-90%
374895082	HA-27-D	ND	Cellulose 10-15% Binder 85-90%
374895083	HA-27-E	ND	Cellulose 10-15% Binder 85-90%
374895084	HA-27-F	ND	Cellulose 10-15% Binder 85-90%


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Laboratory Sample	Customer Sample Number	Asbestos Components (%)	Non-Asbestos Components (%)
374895085	HA-28-A	ND	Cellulose 1-5% Binder 95-99%
374895086	HA-28-B	ND	Cellulose 1-5% Binder 95-99%
374895087	HA-28-C	ND	Cellulose 1-5% Binder 95-99%
374895088	HA-28-D	ND	Cellulose 1-5% Binder 95-99%
374895089	HA-28-E	ND	Cellulose 1-5% Binder 95-99%
374895090	HA-28-F	ND	Cellulose 1-5% Binder 95-99%
374895091	HA-29-A	ND	Cellulose 60-65% Binder 35-40%
374895092	HA-29-B	ND	Cellulose 60-65% Binder 35-40%
374895093	HA-29-C	ND	Cellulose 60-65% Binder 35-40%
374895094	HA-29-D	ND	Cellulose 60-65% Binder 35-40%

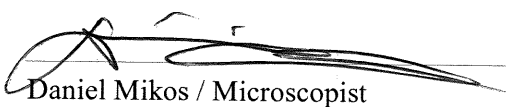
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Laboratory Sample	Customer Sample Number	Asbestos Components (%)	Non-Asbestos Components (%)
374895095	HA-29-E	ND	Cellulose 60-65% Binder 35-40%
374895096	HA-29-F	ND	Cellulose 60-65% Binder 35-40%
374895097	HA-30-A	ND	Cellulose 1-5% Binder 95-99%
374895098	HA-30-B	ND	Cellulose 1-5% Binder 95-99%
374895099	HA-30-C	ND	Cellulose 1-5% Binder 95-99%
374895100	HA-31-A	ND	Cellulose 1-5% Binder 95-99%
374895101	HA-31-B	ND	Cellulose 1-5% Binder 95-99%
374895102	HA-31-C	ND	Cellulose 1-5% Binder 95-99%
374895103	HA-32-A	ND	Binder 99-100%
374895104	HA-32-B	ND	Binder 99-100%
374895105	HA-32-C	ND	Binder 99-100%


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Laboratory Sample	Customer Sample Number	Asbestos Components (%)	Non-Asbestos Components (%)
374895106	HA-33-A	ND	Cellulose 1-5% Binder 95-99%
374895107	HA-33-B	ND	Cellulose 1-5% Binder 95-99%
374895108	HA-33-C	ND	Cellulose 1-5% Binder 95-99%
374895109	HA-34-A	ND	Cellulose 1-5% Binder 95-99%
374895110	HA-34-B	ND	Cellulose 1-5% Binder 95-99%
374895111	HA-34-C	ND	Cellulose 1-5% Binder 95-99%
374895112	HA-35-A	ND	Binder 85-90% Glass 10-15%
374895113	HA-35-B	ND	Binder 85-90% Glass 10-15%
374895114	HA-35-C	ND	Binder 85-90% Glass 10-15%
374895115	HA-36-A	ND	Binder 85-90% Glass 10-15%


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Laboratory Sample	Customer Sample Number	Asbestos Components (%)	Non-Asbestos Components (%)
374895116	HA-36-B	ND	Binder 85-90% Glass 10-15%
374895117	HA-36-C	ND	Binder 85-90% Glass 10-15%
374895118	HA-37-A	ND	Binder 85-90% Glass 10-15%
374895119	HA-37-B	ND	Binder 85-90% Glass 10-15%
374895120	HA-37-C	ND	Binder 85-90% Glass 10-15%
374895121	HA-38-A	ND	Cellulose 60-65% Binder 35-40%
374895122	HA-38-B	ND	Cellulose 60-65% Binder 35-40%
374895123	HA-38-C	ND	Cellulose 60-65% Binder 35-40%
374895124	HA-39-A	ND	Cellulose 80-85% Binder 15-20%
374895125	HA-39-B	ND	Cellulose 80-85% Binder 15-20%


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Analyzed by Name :


 Daniel Mikos / Microscopist

ASBESTOS ANALYSIS BY POLARIZED LIGHT MICROSCOPY

Method: EPA/600/R-93/116

Arcadis US Inc.
225 W. Wacker Drive, Suite 2015
Chicago, IL 60606
Phone: (312) 575-3718

Reference: 30253552 Date Received: 05/19/2025
Location: WO #36, 6435 Old Harlem, Bedford Park Date Analyzed: 05/27/2025
Batch No.: 374895 Date Reported: 05/27/2025
Customer No.: 2530 Turn Around Time: 5 Days

Laboratory Sample	Customer Sample Number	Asbestos Components (%)	Non-Asbestos Components (%)
374895126	HA-39-C	ND	Cellulose 80-85% Binder 15-20%
374895127	HA-40-A	ND	Cellulose 1-5% Binder 95-99%
374895128	HA-40-B	ND	Cellulose 1-5% Binder 95-99%
374895129	HA-40-C	ND	Cellulose 1-5% Binder 95-99%
374895130	HA-41-A	ND	Cellulose 1-5% Binder 95-99%
374895131	HA-41-B	ND	Cellulose 1-5% Binder 95-99%
374895132	HA-41-C	ND	Cellulose 1-5% Binder 95-99%
374895133	HA-42-A	ND	Cellulose 1-5% Binder 95-99%
374895134	HA-42-B	ND	Cellulose 1-5% Binder 95-99%
374895135	HA-42-C	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

ASBESTOS ANALYSIS BY POLARIZED LIGHT MICROSCOPY

Method: EPA/600/R-93/116

Arcadis US Inc.
225 W. Wacker Drive, Suite 2015
Chicago, IL 60606
Phone: (312) 575-3718

Reference: 30253552 Date Received: 05/19/2025
Location: WO #36, 6435 Old Harlem, Bedford Park Date Analyzed: 05/27/2025
Batch No.: 374895 Date Reported: 05/27/2025
Customer No.: 2530 Turn Around Time: 5 Days

Laboratory Sample	Customer Sample Number	Asbestos Components (%)	Non-Asbestos Components (%)
374895136	HA-43-A	ND	Cellulose 1-5% Binder 95-99%
374895137	HA-43-B	ND	Cellulose 1-5% Binder 95-99%
374895138	HA-43-C	ND	Cellulose 1-5% Binder 95-99%
374895139	HA-44-A	ND	Cellulose 1-5% Binder 95-99%
374895140	HA-44-B	ND	Cellulose 1-5% Binder 95-99%
374895141	HA-44-C	ND	Cellulose 1-5% Binder 95-99%
374895142	HA-45-A	ND	Cellulose 1-5% Binder 95-99%
374895143	HA-45-B	ND	Cellulose 1-5% Binder 95-99%
374895144	HA-45-C	ND	Cellulose 1-5% Binder 95-99%
374895145	HA-46-A	ND	Binder 99-100%
374895146	HA-46-B	ND	Binder 99-100%

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Analyzed by Name :


Daniel Mikos / Microscopist

ASBESTOS ANALYSIS BY POLARIZED LIGHT MICROSCOPY

Method: EPA/600/R-93/116

Arcadis US Inc.
225 W. Wacker Drive, Suite 2015
Chicago, IL 60606
Phone: (312) 575-3718

Reference: 30253552 Date Received: 05/19/2025
Location: WO #36, 6435 Old Harlem, Bedford Park Date Analyzed: 05/27/2025
Batch No.: 374895 Date Reported: 05/27/2025
Customer No.: 2530 Turn Around Time: 5 Days

Laboratory Sample	Customer Sample Number	Asbestos Components (%)	Non-Asbestos Components (%)
374895147	HA-46-C	ND	Binder 99-100%
374895148	HA-47-A	ND	Cellulose 1-5% Binder 95-99%
374895149	HA-47-B	ND	Cellulose 1-5% Binder 95-99%
374895150	HA-47-C	ND	Cellulose 1-5% Binder 95-99%
374895151	HA-48-A	ND	Cellulose 1-5% Binder 95-99%
374895152	HA-48-B	ND	Cellulose 1-5% Binder 95-99%
374895153	HA-48-C	ND	Cellulose 1-5% Binder 95-99%
374895154	HA-49-A	ND	Cellulose 10-15% Binder 85-90%
374895155	HA-49-B	NS	
374895156	HA-49-C	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.

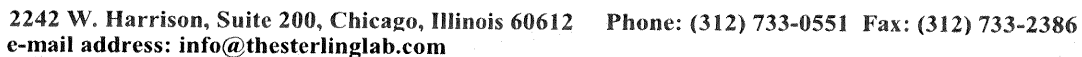
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Analyzed by Name :

Daniel Mikos / Microscopist

Date: 05/27/2025



Page : 1 of 1

Comments: please email results to Brendin.Overly@arcad.5.com

374895

Client/Project

Site Address:

Project Number:

IDOT WO# 36

Survey Date(s):

05/16/2025

Inspector:

Anthony Spalla / Patricia Hook



HA / Sample Number	Material Type (M, TSI, S)	Color	Texture	Material Description	Floor	Sample Location	Material Location(s)	Condition (G, D, SD)	Friable (Y / N)	Approx Quantity Units (SF/LF)	Photo #
1	A B C	M S S	White + Black	Smooth	2nd	Middle	Bathroom 2	G S S	N S S	55 ft ²	1
Comment / Notes:											
2	A B C	M S S	White	Rough	2nd	Middle		G S S	N S S	55 ft ²	2
Comment / Notes:											
3	A B C	M S S	Gray	Rough	2nd	Middle		G S S	N S S	55 ft ²	3
Comment / Notes:											
4	A B C	M S S	White	Smooth	2nd	Middle	Bathroom 1	G S S	N S S	56 ft ²	4
Comment / Notes:											
5	A B C	M S S	Gray	Rough	2nd	Middle		G S S	N S S	56 ft ²	5
Comment / Notes:											
Comment / Notes:											
6	A B C	M S S	Gray	Rough	2nd	Middle		G S S	N S S	56 ft ²	6
Comment / Notes:											

Rec: M. W. B. 5/19/25 3:34 PM

374895

Client/Project
Site Address:
Project Number:

INOT WO#36

Survey Date(s):
Inspector:



HA / Sample Number	Material Type (M, TSI, S)	Color	Texture	Material Description	Floor	Sample Location	Material Location(s)	Condition (G, D, SD)	Friable (Y / N)	Approx Quantity Units (SF/LF)	Photo #	
7	A B C	M S S	Gray	Smooth	6x9" wall	2nd	North Wall West Wall South Wall	Bathroom 1	G S S	N S S	50ft ²	7
Comment / Notes:												
8	A B C	M S S	Gray	Rough	Grout	2nd	North Wall West Wall South Wall		G S S	N S S	50ft ²	8
Comment / Notes:												
9	A B C	M S S	Gold	Rough	Adhesive	2nd	North Wall West Wall South Wall		G S S	N S S	50ft ²	9
Comment / Notes:												
10	A B C	M S S	Beige	Smooth	3x3" Wall	1st	East Wall	Kitchen	G S S	N S S	22ft ²	10
Comment / Notes:												
11	A B C	M S S	Beige	Rough	Grout	1st	East Wall		G S S	N S S	22ft ²	11
Comment / Notes:												
Comment / Notes:												
12	A B C	M S S	White	Rough	Adhesive	1st	East Wall		G S S	N S S	22ft ²	12
Comment / Notes:												

rec'd Miriam P. 5/19/25 3:34 PM

374895

Client/Project

IDOT Wb #36

Survey Date(s):

Site Address:

Inspector:

Project Number:



HA / Sample Number	Material Type (M, TSI, S)	Color	Texture	Material Description	Floor	Sample Location	Material Location(s)	Condition (G, D, SD)	Friable (Y / N)	Approx Quantity Units (SF/LF)	Photo #						
13	A	M	White	Smooth	1st	West side	Kitchen	G	N	275 ft ²							
	B	S				Middle		S	S								
	C	S				East side		S	S								
Comment / Notes:																	
14	A	M	Gray	Rough	1st	West side	S	G	N	205 ft ²							
	B	S				Middle		S	S								
	C	S				East side		S	S								
Comment / Notes																	
15	A	M	Gray	Rough	1st	West side	S	G	N	205 ft ²							
	B	S				Middle		S	S								
	C	S				East side		S	S								
Comment / Notes																	
16	A	M	White	Smooth	B1	Middle	Basement Foyer	G	N	33 ft ²							
	B	S				S		S	S								
	C	S				S		S	S								
Comment / Notes																	
17	A	M	Gray	Rough	B1	Middle	S	G	N	33 ft ²							
	B	S				S		S	S								
	C	S				S		S	S								
Comment / Notes																	
Comment / Notes																	
18	A	M	White	Rough	B1	Middle	S	G	N	33 ft ²							
	B	S				S		S	S								
	C	S				S		S	S								
Comment / Notes																	

Rec'd M. [unclear] 5/19/15 3:34 PM

374895

Client/Project
Site Address:
Project Number:

IDOT W0#36

Survey Date(s):

Inspector:



HA / Sample Number	Material Type (M, TSI, S)	Color	Texture	Material Description	Floor	Sample Location	Material Location(s)	Condition (G, D, SD)	Friable (Y / N)	Approx Quantity Units (SF/LF)	Photo #	
19	A B C	M S S	Beige	Smooth	6"X6" Ceramic Floor tile	2nd B/ S	North Side S	Bathroom 3 S	G S S	N S S	49 ft ²	19
Comment / Notes:												
20	A B C	M S S	Gray	Rough	Grout	B/ S	North Side S	S	G S S	N S S	49 ft ²	20
Comment / Notes:												
21	A B C	M S S	Gray	Rough	Adhesive	B/ S	North Side S	S	G S S	N S S	49 ft ²	21
Comment / Notes:												
22	A B C	M S S	Beige	Smooth	6"X11" Ceramic Wall Floor tile	B/ S	North Side South Side	Bathroom 3 S	G S S	N S S	44 ft ²	22
Comment / Notes:												
23	A B C	M S S	White	Rough	Grout	B/ S	North Side South Side	S	G S S	N S S	44 ft ²	23
Comment / Notes:												
Comment / Notes:												
24	A B C	M S S	Gold	Rough	Adhesive	B/ S	North Side South Side	S	G S S	N S S	44 ft ²	24
Comment / Notes:												

Rev: Miranda Padgett 5/19/25 3:34 PM

374895

Client/Project

Site Address:

Project Number:

IDOT WO#36

Survey Date(s):

Inspector:



HA / Sample Number	Material Type (M, TSI, S)	Color	Texture	Material Description	Floor	Sample Location	Material Location(s)	Condition (G, D, SD)	Friable (Y / N)	Approx Quantity Units (SF/LF)	Photo #
25	A B C	M S S	White	Smooth	12'x12" Vinyl Floor tile	B2 S S	Southwest corner of Open Area, Northeast corner of Northside of Utility Utility	G S S	N S S	225 600ft ²	25
Comment / Notes:											
26	A B C	M S S	Gold	Rough	Adhesive	B2 S S	S S S	G S S	N S S	600ft ²	26
Comment / Notes:											
27	A B C	M S S	White	Smooth	Gypsum board	1st/2nd S S	Northwest corner of living room NW corner of bathroom 2 SE corner of bathroom 2	G S S	N S S	9320ft ²	27
Comment / Notes:											
28 27	D E F	M S S	White	Smooth	Gypsum board	B1/B2 S B2	NE corner of family room SW corner of study SW corner of Open Area	G S S	N S S	9320ft ²	27
Comment / Notes:											
28	A B C	M S S	White	Rough	Joint Compound	1st/2nd S S	Through out House	G S S	N S S	9320ft ²	28
Comment / Notes:											
Comment / Notes:											
28	D E F	M S S	White	Rough	Joint Compound	B1/B2 S S	S S S	G S S	N S S	9320ft ²	28
Comment / Notes:											

Rec: Miriam Padgett 5/19/23 3:34 PM

374895

Client/Project
Site Address:
Project Number:

IDOT WO#36

Survey Date(s):
Inspector:



HA / Sample Number	Material Type (M, TSI, S)	Color	Texture	Material Description	Floor	Sample Location	Material Location(s)	Condition (G, D, SD)	Friable (Y / N)	Approx Quantity Units (SF/LF)	Photo #							
29	A	M	Beige	Tape assoc. w/ HA-27	1st/2nd	}	Throughout House	G	N	9320 ft ²	29							
	B	S						S	S									
	C	S						S	S									
Comment / Notes:																		
29	D	M	Beige	Tape assoc. w/ HA-27	B1/B2	}	}	G	N	9320 ft ²	29							
	E	S						S	S									
	F	S						S	S									
Comment / Notes																		
30	A	M	Beige	Brick	Ext.	SE corner of Chimney NW corner of House SW corner of Garage	Ext. of House and Garage	G	N	3528 ft ²	30							
	B	S						S	S									
	C	S						S	S									
Comment / Notes																		
31	A	M	Gray	Rough Gray	Ext.	}	}	G	N	3528 ft ²	31							
	B	S						S	S									
	C	S						S	S									
Comment / Notes																		
32	A	M	Black	Smooth Black	Ext.	North Side West Side South Side	Ext. of House and on top of Foundation	G	N	1400 ft ²	32							
	B	S						S	S									
	C	S						S	S									
Comment / Notes																		
Comment / Notes																		
33	A	M	Gray	Rough Gray	Ext.	sidewalk Courtyard West Garage East side of House	Foundation of House	G	N	2,000 ft ²	33							
	B	S						S	S									
	C	S						S	S									
Comment / Notes																		

Rec: M/ambh P/lyth 5/19/25 3:34 PM

374895

Client/Project
Site Address:
Project Number:

IDOT WO #36

Survey Date(s):

Inspector:



HA / Sample Number	Material Type (M, TSI, S)	Color	Texture	Material Description	Floor	Sample Location	Material Location(s)	Condition (G, D, SD)	Friable (Y / N)	Approx Quantity Units (SF/LF)	Photo #					
34	A	M	White	Caulk	Ext.	North Front Door	Door Frames and Window Frames	G	N	500 LF	34					
	B	S				North Window		S	S							
	C	S				West Window		S	S							
Comment / Notes:																
35	A	M	Black	Rough	Ext.	South Side	Roof of House	G	N	1,600 ft ²	35					
	B	S						S	S							
	C	S						S	S							
Comment / Notes																
36	A	M	Black	Smooth	Ext.	South Side		G	N	1,600 ft ²	36					
	B	S						S	S							
	C	S						S	S							
Comment / Notes																
37	A	M	Black	Rough	Ext.	NW corner	Roof of Garage	G	N	450 ft ²	37					
	B	S				N side		S	S							
	C	S				SW corner		S	S							
Comment / Notes																
38	A	M	Black	Smooth	Ext.			G	N	450 ft ²	38					
	B	S						S	S							
	C	S						S	S							
Comment / Notes																
Comment / Notes																
39	A	M	White	Rough	Ext.	North Side	Siding of House	G	N	624 ft ²	39					
	B	S						S	S							
	C	S						S	S							
Comment / Notes																

Rec: M. B. Today 5/14/25 3:34 PM

374895

Client/Project
Site Address:
Project Number:

IDOT W0#36

Survey Date(s):

Inspector:



HA / Sample Number	Material Type (M, TSI, S)	Color	Texture	Material Description	Floor	Sample Location	Material Location(s)	Condition (G, D, SD)	Friable (Y / N)	Approx Quantity Units (SF/LF)	Photo #						
40	A	M	White	Smooth	2nd	North Wall	Bathroom 2	G	N	44 ft ²	40						
	B	S				West Wall		S	S								
	C	S				South Wall		S	S								
Comment / Notes:																	
41	A	M	White	Rough	2nd			G	N	44 ft ²	41						
	B	S						S	S								
	C	S						S	S								
Comment / Notes																	
42	A	M	Gray	Rough	2nd			G	N	44 ft ²	42						
	B	S						S	S								
	C	S						S	S								
Comment / Notes																	
43	A	M	Beige Gray	Rough	Bl	Fireplace	Family Room	G	N	60 ft ²	43						
	B	S						S	S								
	C	S						S	S								
Comment / Notes																	
44	A	M	Red	Rough	Bl			G	N	65 ft ²	44						
	B	S						S	S								
	C	S						S	S								
Comment / Notes																	
Comment / Notes																	
45	A	M	Gray	Rough	Bl			G	N	65 ft ²	45						
	B	S						S	S								
	C	S						S	S								
Comment / Notes																	

Rev. Mizenb-Poly/HA 8/19/25 3:34 PM

374895

Client/Project

Survey Date(s):

Site Address:

Inspector:

Project Number:



HA / Sample Number	Material Type (M, TSI, S)	Color	Texture	Material Description	Floor	Sample Location	Material Location(s)	Condition (G, D, SD)	Friable (Y / N)	Approx Quantity Units (SF/LF)	Photo #
46	A B C	M S S	White	Smooth	Vinyl Baseboard	Garage NE corner West side SW corner	Garage	G S S	N S S	50 LF	46
Comment / Notes:											
47	A B C	M S S	Beige	Rough	Mastic assoc. w/HA-46	Garage	S	G S S	N S S	50 LF	47
Comment / Notes:											
48	A B C	M S S	Beige	Smooth	Sealant under Hardwood Floor	Bl SW corner of family room	Family Room	G S S	N S S	336 ft ²	48
Comment / Notes:											
49	A B C	M S S	White	Smooth	Gypsum board	Garage East West Wall West Wall South Wall	Garage	G S S	N S S	576 ft ²	49
Comment / Notes:											
Comment / Notes:											
Comment / Notes:											
Comment / Notes:											

Rec: Mizner Park HA 5/19/15 3:34 PM

ASBESTOS ANALYSIS BY POLARIZED LIGHT MICROSCOPY

Method: EPA/600/R-93/116

Arcadis US Inc.
225 W. Wacker Drive, Suite 2015
Chicago, IL 60606
Phone: (312) 575-3718

Reference: 30253552 Date Received: 05/27/2025
Location: WO #36, 6435 Old Harlem, Bedford Park Date Analyzed: 05/27/2025
Batch No.: 374972 Date Reported: 05/27/2025
Customer No.: 2530 Turn Around Time: 5 Days

Laboratory Sample	Customer Sample Number	Asbestos Components (%)	Non-Asbestos Components (%)
374972001	HA-49-B	ND	Cellulose 10-15% Binder 85-90%


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

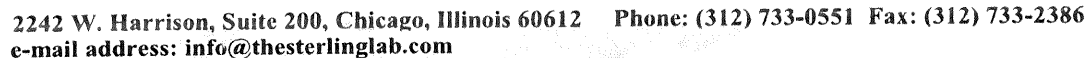
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Analyzed by Name :


Daniel Mikos / Microscopist



Page: 1 of 1

Comments: please email results to Brendan.Overly@arcad.is.com

ASBESTOS ANALYSIS BY POLARIZED LIGHT MICROSCOPY

Method: EPA/600/R-93/116

Arcadis US Inc.
225 W. Wacker Drive, Suite 2015
Chicago, IL 60606
Phone: (312) 575-3718

Reference: 30253552 Date Received: 07/03/2025
Location: 6435 Old Harlem, Bedford Park, IL Date Analyzed: 07/08/2025
Batch No.: 375378 Date Reported: 07/08/2025
Customer No.: 2530 Turn Around Time: 2 Days

Laboratory Sample	Customer Sample Number	Asbestos Components (%)	Non-Asbestos Components (%)
375378002	HA-4A	ND	Cellulose 1-5% Binder 95-99%
375378003	HA-4B	ND	Cellulose 1-5% Binder 95-99%
375378004	HA-4C	ND	Cellulose 1-5% Binder 95-99%
375378005	HA-5A	ND	Cellulose 1-5% Binder 95-99%
375378006	HA-5B	ND	Cellulose 1-5% Binder 95-99%
375378007	HA-5C	ND	Cellulose 1-5% Binder 95-99%
375378008	HA-6A	ND	Cellulose 1-5% Binder 95-99%
375378009	HA-6B	ND	Cellulose 1-5% Binder 95-99%
375378010	HA-6C	ND	Cellulose 1-5% Binder 95-99%

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Analyzed by Name :


Daniel Mikos / Microscopist



2242 W. Harrison, Suite 200, Chicago, Illinois 60612 Phone: (312) 733-0551 Fax: (312) 733-2386
e-mail address: info@thesterlinglab.com

CHAIN OF CUSTODY RECORD

Page : 1 of 1[illegible]

Comments: Please email results to Brendan.Quealy@arcadis.com

Client/Project
Site Address:
Project Number:

IDOT WO#36

Survey Date(s): 06/16/2025
Inspector: Anthony Spalko, Patrick Hook

6435 Old Harlem, Bedford Park, IL 60638
30253552

375378



HA / Sample Number	Material Type (M, TSI, S)	Color	Texture	Material Description	Floor	Sample Location	Material Location(s)	Condition (G, D, SD)	Friable (Y / N)	Approx Quantity Units (SF/LF)	Photo #	
4	A	M	White	Smooth	9x9 Ceramic Floor Tile	2nd	Middle	Bathroom/	G	N	56sf	4
	B	S										
	C											
Comment / Notes:												
5	A	M	Gray	Rough	Grout assoc. w/ HIA-4	2nd	Middle	Bathroom/	G	N	56sf	5
	B	S										
	C											
Comment / Notes												
6	A	M	Gray	Rough	Adhesive assoc. w/ HIA-4	2nd	Middle	Bathroom/	G	N	56sf	6
	B	S										
	C											
Comment / Notes												
Comment / Notes												
Comment / Notes												
Comment / Notes												
Comment / Notes												

Rec: Miral Pasha 7/3/25 9:10

Appendix D

Photo Log



Exterior of Building – Front



Exterior of Garage



HA-1: 2" x 2" White and Black Ceramic Floor Tile



**HA-2: White Grout for HA-1
HA-3: Gray Adhesive for HA-1**



HA-4: White 9" x 9" Ceramic Floor Tile



HA-5: Gray Grout for HA-4



HA-6: Gray Adhesive for HA-4



HA-7: Gray 6" x 9" Ceramic Wall Tile



**HA-8: Gray Grout for HA-7
HA-9: Gold Adhesive for HA-7**



HA-10: 3" x 3" Ceramic Wall Tile



**HA-11: Beige Grout for HA-10
HA-12: White Adhesive for HA-10**



HA-13: White 12" x 12" and 16" x 16" Ceramic Floor Tile



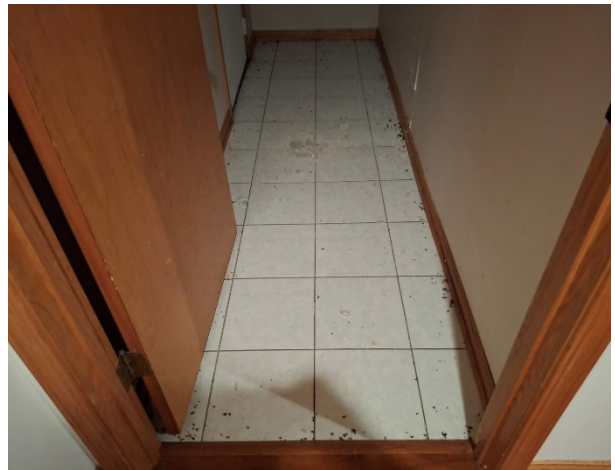
**HA-14: Gray Grout for HA-13
HA-15: Gray Adhesive for HA-13**



HA-16: White 12" x 12" Ceramic Floor Tile



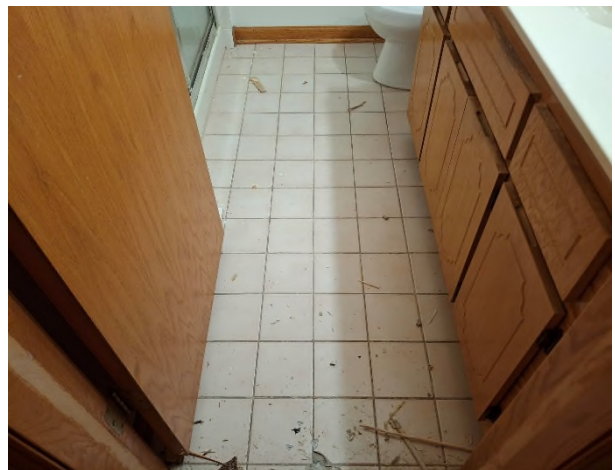
**HA-14: Gray Grout for HA-13
HA-15: Gray Adhesive for HA-13**



HA-16: White 12" x 12" Ceramic Floor Tile



**HA-17: Gray Grout for HA-16
HA-18: White Adhesive for HA-16**



HA-19: Beige 6" x 6" Ceramic Floor Tile



HA-20: Gray Grout for HA-19



HA-21: Gray Adhesive for HA-19



HA-22: 6" x 9" Ceramic Wall Tile



HA-23: White Grout for HA-22



HA-24: Gold Adhesive for HA-22



HA-25: White 12" x 12" Vinyl Floor Tile
HA-26: Gold Adhesive for HA-25



HA-27: Gypsum Board



HA-28: Joint Compound



HA-29: Tape associated with HA-27



HA-30: Beige Brick
HA-31: Gray Brick Mortar



HA-32: Black Vapor Barrier



HA-33: Gray Concrete Foundation



HA-34: White Door and Window Frame Caulk



HA-35: Black Asphalt Shingle



HA-36: Tar Paper Layer under HA-35



HA-37: Black Asphalt Shingle (Garage)
HA-38: Tar Paper Layer under HA-37 (Garage)



HA-39: White Vapor Barrier beneath Vinyl Siding



HA-40: 16" x 4" Ceramic Wall Tile



HA-41: White Grout for HA-40



HA-42: Gray Adhesive for HA-40



HA-43: Beige Fire Brick



**HA-44: Red Fireplace Brick
HA-45: Gray Mortar for HA-44**



**HA-46: White Vinyl Base Board
HA-47: Beige Mastic for HA-46**



HA-48: Beige Sealant under Hardwood Floor



HA-49: White Gypsum Board (Garage)

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