METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

CONTRACT 18-249-BF

DEMOLITION FOR CENTRAL PARK STORMWATER DETENTION BASIN AND SEPARATE STORM SEWER IMPROVEMENTS IN HARVEY

APPENDIX E – HAZARDOUS MATERIALS BUILDING SURVEYS
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HAZARODUS MATERIALS BUILIDNG SURVEY

RESIDENTIAL HOUSE

15300 Myrtle Ave
Harvey, Illinois 60426

PREPARED FOR

Metropolitan Water Reclamation District of Greater Chicago (MWRD)
111 East Erie Street
Chicago, Illinois 60611

PREPARED BY

A3 Environmental, LLC
3030 Warrenville Road, Suite 418
Lisle, Illinois 60532
T: 888-405-1742

Project Number: 2025.0320
Date: June 20, 2025

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A3 Environmental, LLC
T: (888) 405-1742
F: (630) 507-9003
Info@A3E.com

Job Number 2025.0320

Metropolitan Water Reclamation District of Greater Chicago (MWRD)
Mr. Mark Leibrock
111 East Erie Street Suite 330
Chicago, Illinois 60611

Hazardous Materials Building Survey
Vacant Residential House
15300 Myrtle Avenue
Harvey, Illinois 60426

Dear: Mr. Leibrock:

A3 Environmental, LLC (A3E) is pleased to submit this Hazarodus Materials Building Survey to Include a Lead Based Paint (LBP) Survey, Hazardous Materials Survey (HMS) and Asbestos Containg Materials (ACM) Survey report for the property located at 15300 Myrtle Avenue in Harvey, Illinois (the "Site").

1.0 SITE DESCRIPTION

The Site is a vacant 2,050 square foot two story residential house with basement that was built in 1894 (according to real estate listings).

2.0 ACM SURVEY

The ACM Survey was conducted to categorize the different homogeneous materials within the building, to assess the condition of suspect asbestos-containing materials (ACMs), to develop and implement an asbestos sampling plan, and identify or negate the presence of asbestos through laboratory analysis.

2.1 ACM Executive Summary

The 15300 Myrtle Avenue Site is a two story vacant residential home that has a basement and is slab on grade. The building is constructed of wood with exterior vinyl and shingle siding, interior plaster walls and a piched roof with asphalt shingles. There are hardwood floors with vinyl and ceramic floor tiles, sheet flooring and felt/tar paper.

The field activities were conducted on April 28th, 2025, by Mr. Patrick W. Hook, a licensed Illinois Department of Public Health (IDPH) asbestos inspector. A3E collected a total of 72 bulk samples of suspect ACMs from 24 homogeneous materials identified at the 15300

A3 Environmental, LLC
T: (888) 405-1742
F: (630) 507-9003
Info@A3E.com

Myrtle Avenue Site. It is important to note that in many instances, additional material layers (i.e. mastics/glues/adhesives/layers) associated with the 72 bulk samples were also analyzed, thus increasing the total number of samples to 113.

Asbestos includes chrysotile, amosite, crocidolite, anthophyllite, tremolite and actinolite (fibrous minerals). The analytical report relates only to the samples tested. Samples were analyzed using Polarized Light Microscopy (PLM) with dispersion staining via EPA Method 600/R-93/116 or equivalent for bulk asbestos materials. The reliable limit of detection of this method is one percent (1%) asbestos content. When no asbestos is detected in the sample submitted, the results are reported as *None Detected.* If a sample contains greater than 1% asbestos, it is considered to be an asbestos-containing material by the United States Environmental Protection Agency- National Emission Standards for Hazardous Air Pollutants (EPA-NESHAPs), the United States Occupational Safety and Health Administration (OSHA), the Cook County Department of Environment and Sustainability (CCDES), the Illinois Environmental Protection Agency (IEPA) and the Illinois Department of Public Health (IDPH). However, if a material contains less than 1% asbestos, certain work practice requirements and prohibitions of the OSHA Asbestos in Construction Standard (29 CFR 1926.1101) must be followed (during activities where materials are disturbed such as re-modeling or demolition).

Suspect materials such as floor tile, mastics, glues, adhesives, ceramics and roofing are classified as Non-friable Organically Bound (NOB) materials. As such the EPA recommends, but is not required, further analysis of these type materials using Transmission Electron Microscopy (TEM) analysis or the EPA 600/R-93/116 400 Point Count Method for PLM samples identified to be less than 10% asbestos or to be inconclusive by PLM. TEM and/or point counting were not included in the base scope of services for this project.

In accordance with the Agreement, this ACM Survey focused on major interior and exterior building systems and components with potential to contain asbestos. It is possible that additional suspect or assumed ACMs may be present within inaccessible areas of the building, such as above fixed ceilings, within wall systems, behind walls, beneath layers of flooring, roof core layers, within pipe chases, in mechanical equipment insulation, in electrical components, and within HVAC equipment; therefore, these materials may not have been observed or sampled during this ACM Survey. It should be noted that any other suspect materials within the site building not sampled as part of this limited ACM Survey should be assumed to be ACM until proven otherwise prior to future renovation or demolition activities.

A3 Environmental, LLC
T: (888) 405-1742
F: (630) 507-9003
Info@A3E.com

2.2 Sampling Protocol

Bulk samples of each material suspected to contain asbestos were collected utilizing a modified Asbestos Hazard Emergency Response Act (AHERA) sampling protocol (AHERA, 40 CFR763.86), OSHA General Industry Standard 29 CFR 1910.1001, OSHA Asbestos Construction Standard 29 CFR 1926.1101, IEPA and IDPH rules and requirements.

Suspect ACMs were identified, and bulk samples were collected by a IDPH Licensed Asbestos Inspector and submitted for laboratory analysis. The EPA, OSHA, CCDES, IEPA and IDPH define ACM as a material that contains greater than one percent (1%) asbestos.

2.3 Laboratory Analysis

Submitted suspect ACM bulk samples were analyzed by TEM Environmental (TEM) located in Glendale Heights, Illinois. TEM is a National Voluntary Laboratory Accreditation Program (NVLAP) accredited laboratory, an American Industrial Hygiene Association (AIHA) accredited institution, and is also certified in Illinois. Bulk samples were analyzed using PLM EPA Method 600/R-93/116. Copies of the laboratory chain of custody and analytical report documentation are provided in the Appendix.

2.4 Limitations & Exceptions of Survey

Site observations are of the conditions observed at the time of the site reconnaissance.

A3E notes the following limitations:

All materials that are positive for asbestos have been quantified by A3E as good faith estimates. These good faith estimates should be verified by any general contractor or abatement company, prior to commencement of work, to determine the actual amount of identified materials that needs to be removed/abated.

It is also possible that additional suspect or assumed ACMs may be present within inaccessible areas of the building, such as above fixed ceilings, in wall systems, behind walls, beneath layers of flooring, roof core layers, within pipe chases, in mechanical equipment insulation, in electrical components, and within HVAC equipment; therefore, these materials may not have been observed or sampled during this limited ACM Survey. It should be noted that any other suspect materials within the site building not sampled as part of this limited ACM Survey should be assumed to be ACM until proven otherwise prior to future renovation or demolition activities.

A3 Environmental, LLC
T: (888) 405-1742
F: (630) 507-9003
Info@A3E.com

2.5 Results

Bulk sampling of homogeneous areas containing suspect ACMs was conducted at the site. A homogeneous area is defined as an area of surfacing material, thermal system insulation material or miscellaneous material that is uniform in appearance, color and texture, and was applied at the same time.

Prior to collection of suspect materials, the sample location was sprayed with amended water to minimize fiber release and to soften the building material being sampled. Bulk materials were sampled from the center of the wetted area. After the sample was taken, the bulk material was placed in a sample bag which was sealed to prevent escape or contamination of outside sources. A unique sample number was assigned to each sample and the sample bag was labeled with that number.

Asbestos includes chrysotile, amosite, crocidolite, anthophyllite, tremolite and actinolite (fibrous minerals). The analytical report relates only to the samples tested. Samples were analyzed using PLM with dispersion staining via EPA Method 600/R-93/116 or equivalent for bulk asbestos materials. The reliable limit of detection of this method is one percent (1%) asbestos content. When no asbestos is detected in the sample submitted, the results are reported as *None Detected.* If a sample contains greater than 1% asbestos, it is considered to be an asbestos-containing material by EPA-NESHAPs, OSHA, CCDES IEPA and IDPH. The following tables describes materials sampled, locations, analytical results, friability, condition, and quantity estimates of materials sampled at the building. Building materials identified at the facility to contain greater than 1% asbestos are bolded.

SAMPLE #	DESCRIPTION	MATERIAL LOCATION	LAB RESULTS	FRIABILITY/ CONDITION	ESTIMATED QUANTITY	NOTES
PL1-A,B,C,D,E,F	Plaster (Base & Skim Coat)	Throughout	ND ND ND ND ND ND	Non-Friable/ Good	5,000 SF	
FT1-A,B,C	12"x12" Green Mottle Floor Tile & Mastic	Front Foyer	ND ND ND	Non-Friable/ Good	26 SF	
FT2-A,B,C	9"x9" Wood Parquet Flooring Mastic	Fireplace	ND ND ND	Non-Friable/ Good	30 SF	Mastic Only

A3 Environmental, LLC
T: (888) 405-1742
F: (630) 507-9003
Info@A3E.com

FT3-A,B,C	12"x12" Large Diamond Pattern Floor Tile & Mastic	Rear Foyer	ND ND ND	Non-Friable/ Good	15 SF	
SF1-A,B,C	Black & Tan Decorative Stone Ceramic Floor Tile & Adhesive	Bathroom 1	ND ND ND	Non-Friable/ Good	20 SF	
FL1-A,B,C	Thick Gray Floor Leveler	Kitchen 1	ND ND ND	Non-Friable/ Good	150 SF	
CWT1-A,B,C	9"x12" Tan Ceramic Wall Tile & Adhesive	Bathroom 1	ND ND ND	Non-Friable/ Good	20 SF	
GWT1-A,B,C	Misc Grainte Wall Tile & Adhesive	Bathroom 1	ND ND ND	Non-Friable/ Good	8 SF	
CFT1-A,B,C	30"x6" Faux Wood Ceramic Floor Tile & Adhesive	Kitchen 1	ND ND ND	Non-Friable/ Good	150 SF	
FMWP1-A,B,C	2'x1' Fake White Marble Wall Panel & Adhesive	Kitchen 1 South Wall	ND ND ND	Non-Friable/ Good	30 SF	
FEL1-A,B,C	Flue Exhaust Liner	Basement to Roof	ND ND ND	Non-Friable/ Good	30 LF	
DI1-A,B,C	Register Duct Insualation Remnant	Basement West Side	**85%-95% Chrysotile** **85%-95% Chrysotile**	Friable/ Damaged	2 SF	1 Location

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A3 Environmental, LLC
T: (888) 405-1742
F: (630) 507-9003
Info@A3E.com

CFT2-A,B,C	12"x12" Beige Ceramic Floor Tile & Adhesive	Bathroom 2	ND ND ND	Non-Friable/ Good	35 SF	
FBM1-A,B,C	Flue Brick and Mortar	Basement	ND ND ND	Non-Friable/ Good	150 SF	
SH1-A,B,C	Red & Tan Shingles	Exterior (Siding)	ND ND ND	Non-Friable/ Good	3,400 SF	Under Vinyl Siding
FP1-A,B,C	Felt/Tar Paper	Exterior	ND ND ND	Non-Friable/ Good	3,400 SF	Under SH1
SH2-A,B,C	Black Shingles	Roof	ND ND ND	Non-Friable/ Good	1,600 SF	
FP2-A,B,C	Felt/Tar Paper	Roof	ND ND ND	Non-Friable/ Good	1,600 SF	Under SH2
FT4-A,B,C	9"x9" Tan Floor Tile & Mastic	Study, 2nd Floor Hallway,Closet 5	ND ND ND	Non-Friable/ Good	300 SF	
WFT1-A,B,C	12"x12" Wood Floor Tile Adhesive	Kitchen 2	ND ND ND	Non-Friable/ Good	126 SF	Adhesive Only
RF1-A,B,C	Floor Backing	Stairs	ND ND ND	Non-Friable/ Good	96 SF	
SHT1-A,B,C	Small Rectangular Sheet Flooring	Bedroom 4, Study, 2nd Floor Hallway, Closet 5	ND ND ND	Non-Friable/ Good	300 SF	
FT5-A,B,C	12"x12" Tan & Gray Mottle Floor Tile & Mastic	Bedroom 4	ND ND ND	Non-Friable/ Good	156 SF	

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T: (888) 405-1742
F: (630) 507-9003
Info@A3E.com

FT6-A,B,C	9"x9" Vinyl Wood Flooring with Felt/Mastic Underneath	Bedroom 4	ND ND ND	Non-Friable/ Good	156 SF	

2.5.1 Survey Method & Results

The field activities were conducted on April 28th, 2025, by Mr. Patrick W. Hook, a licensed Illinois Department of Public Health (IDPH) asbestos inspector. A3E collected a total of 72 bulk samples of suspect ACMs from 24 homogeneous materials identified at the 15300 Myrtle Avenue Site. It is important to note that in many instances, additional material layers (i.e. mastics/glues/adhesives/layers) associated with the 72 bulk samples were also analyzed, thus increasing the total number of samples to 113.

The following building materials were identified at the 15300 Myrtle Avenue residence to contain greater than 1% asbestos; therefore, the building materials are required to be treated as regulated ACMs:

- **Two (2) square feet of duct insulation remnants in the overhead of the west side of the basement.**

3.0 LEAD SURVEY

A comprehensive LBP Inspection of accessible buildings and rooms was performed on this Property. The purpose of this inspection was to determine the presence or absence of Lead Based Paint (LBP), as defined by the United States Environmental Protection Agency (USEPA) and the Illinois Department of Public Health (IDPH). This inspection was conducted on May 1, 2025 by James W. Sundberg (License Number IL1743).

Even though not applicable on this type of property, the protocol used for this inspection is based on the practices and procedures in the United States Department of Housing and Urban Development's (HUD) Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing, 2012 Revision (HUD Guidelines) and the United States Environmental Protection Agency's (USEPA) 40 CFR Part 745 (Lead; Identification of Dangerous Levels of Lead; Final Rule; January 5, 2001), It should be noted that the Occupational Safety and Health Administration (OSHA) Lead in Construction Standard (29 CFR 1926.62) does not define Lead Based Paint (LBP). A modified, comprehensive inspection by building of

A3 Environmental, LLC
T: (888) 405-1742
F: (630) 507-9003
Info@A3E.com

building WAS performed. Although all painted, varnished, and shellacked components on a room by room basis were tested, limited numbers of walls (about 2) per room were tested.

The Inspection was conducted utilizing the Viken Detection (formerly Heuresis Pb200i XRF (Serial Number 2187). The XRF fieldwork was conducted in accordance with the guidelines outlined in the EPA Performance Characteristic Sheet (Attached). In addition, please note the report does not label locations as North, South, East, and West. It utilizes A, B, C, and D. For this report, Wall A corresponds to the East Wall (Street Address Side) in every room. Walls B, C, and D are labeled from Wall A in a clockwise manner. For this project, Wall A is to the East, Wall B is to the South, Wall C is to the West, and Wall D is to the North. Component by component testing on a room by room basis was performed throughout the property. It was attempted to test all components that were painted, varnished, or shellacked. Some readings were above the United States Environmental Protection Agency (USEPA) and Illinois Department of Public Health (IDPH) Regulatory Level of 1.0 mg/cm². The table below contains a summary of the generic components that tested POSITIVE for LBP on this property. Since all accessible, painted components were tested, components not listed in the table below tested negative for LBP.

15300 MYRTLE AVE - GENERIC COMPONENTS POSITIVE FOR LBP	
ROOM	**COMPONENT**
Exterior Front Porch	Wood Support Beams and Ceiling
Exterior House	Wood Window Components
	Old Wood Siding, Soffits, and Fascia (If present under Vinyl and Asphalt)
Interior Stairs to Basement	Wood Walls, Stair Risers, and Baseboards
All Components in some form of deteriorated condition	

4.0 HAZRDOUS MATERIALS SURVEY

This section summarizes the findings of a hazardous/universal waste materials survey walkthrough and evaluation performed by A3 Environmental, LLC (A3E) on April 2, 2025 at the Vacant Residential House located at 15300 Myrtle Avenue in Chicago, Illinois. The walkthrough consisted of an evaluation and quantification of universal wastes, equipment, and other environmentally sensitive materials that will likely be encountered during any future building demolition or renovation activities. These materials should be accounted for and removed prior to, or in conjunction with, these activities if not to remain in use.

A3 Environmental, LLC
T: (888) 405-1742
F: (630) 507-9003
Info@A3E.com

4.1 Universal Wastes

Under the US Environmental Protection Agency's (US EPA) Universal Waste Rule (40 CFR 273), certain common hazardous wastes (called universal wastes) can be managed under less stringent requirements that those of the Resource Conservation and Recovery Act (RCRA) Hazardous Waste rules. The categories of waste identified by the US EPA as Universal Waste are: Recalled or Unused Pesticides, Hazardous Waste Batteries, Mercury-Containing Thermostats, and Hazardous Waste Lamps. A3E conducted a site reconnaissance to locate, identify and quantify any potential PCB-containing items.

These Federal rules provide states with the authority to add categories of waste that may be managed as universal waste within the state. The State of Illinois has established standards for the management of universal waste. These standards are listed in the Illinois Administrative Code: Title 35, Subtitle G, Chapter 1, Subpart c, Part 733. The State of Illinois has not opted to include any additional wastes beyond those identified by the US EPA in its Universal Waste Standard. However, the State of Illinois has redefined US EPA's category Mercury-Containing Thermostats and as a result developed two categories: Mercury Thermostats and Mercury-Containing Equipment.

The following potential Universal Wastes were identified at the site:

Mercury Thermostats / Light Bulbs

A3E observed one thermostat in the residence. Numerous light fixtures/ceiling fans with standard light bulbs were observed throughout the residence (please refer to figues for light fixture locations).

4.2 Polychlorinated Biphenyls (PCBs)

A3E conducted a site reconnaissance to locate, identify and quantify potential PCB-containing items. No fluorescent bulbs or ballasts were observed.

4.3 Other Hazardous Containing Materials

A3E did observe a gas meter, electric meter, breaker box, telephone box, satelite dish, range hood and smoke/fire alarms (please see figures for locations).

Some of the items discussed in this report can be recycled by using state and local (City of Chicago, Cook County, IEPA) resources. Items need to be collected and transported to these recycling facilities where some fees may apply.

A3 Environmental, LLC
T: (888) 405-1742
F: (630) 507-9003
Info@A3E.com

5.0 FINDINGS & CONCLUSIONS

Metropolitan Water Reclamation District of Greater Chicago (MWRD) retained A3 Environmental (A3E) to conduct an Asbestos-Containing Material Survey (ACM Survey), Lead Based Paint Survey and Hazardous Materials Survey of the control buildings located at 15300 Myrtle Avenue Harvey, Cook, Illinois 60426 (the facility or building). Building materials and components that are positve for asbestos and lead are sumarized below

ACM Survey: The following building materials were identified at the 15300 Myrtle Avenue residence to contain greater than 1% asbestos; therefore, the building materials are required to be treated as regulated ACMs:

- **Two (2) square feet of duct insulation remnants in the overhead of the west side of the basement.**

Lead Survey: The Folowing building components were identified at the 15300 Myrtle Avenue residence to contain greater than 1.0 mg/cm² of lead.

- **Exterior Front Porch - wood support beams and ceilings**
- **Exterior House - wood window components, old wood siding, soffits and fascia**
- **Interior Stairs to Basement - wood walls, stair risers and baseboards**

Hazardous Materials Survey:

- **A3E observed one thermostat in the residence. Numerous light fixtures/ceiling fans with standard light bulbs were observed throughout the residence. A3E did observe a gas meter, range hood, electric meter, breaker box, telephone box, satelite dish and smoke/fire alarms. These materials should be removed or recycled properly prior to demolition.**

6.0 SIGNATURE OF ENVIRONMENTAL PROFESSIONALS

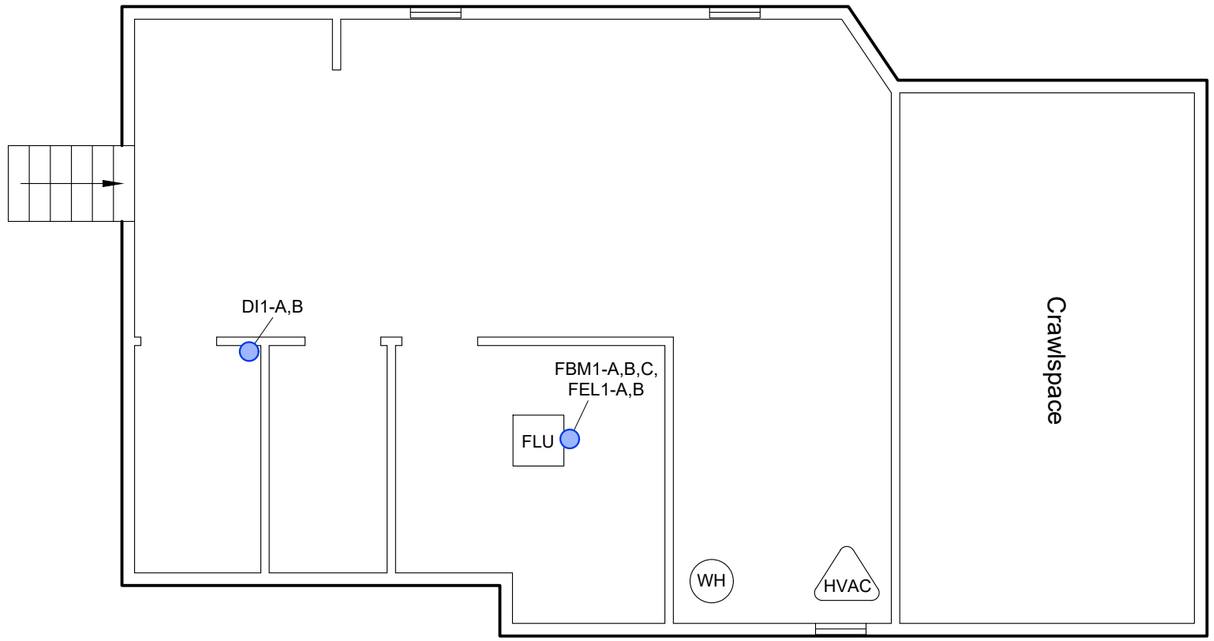
These surveys were performed as described in the authorized Agreement between Metropolitan Water Reclamation District of Greater Chicago (MWRD) and A3E dated February 12, 2025 and documents the sampling methodology used by qualified environmental professionals of A3E to obtain, identify, and summarize information pertaining to ACMs located at the Vacant Residential House located at 15300 Myrtle Avenue Harvey, Cook, Illinois 60426 (the facility or building).

Report Prepared By:

A3 Environmental, LLC
T: (888) 405-1742
F: (630) 507-9003
Info@A3E.com

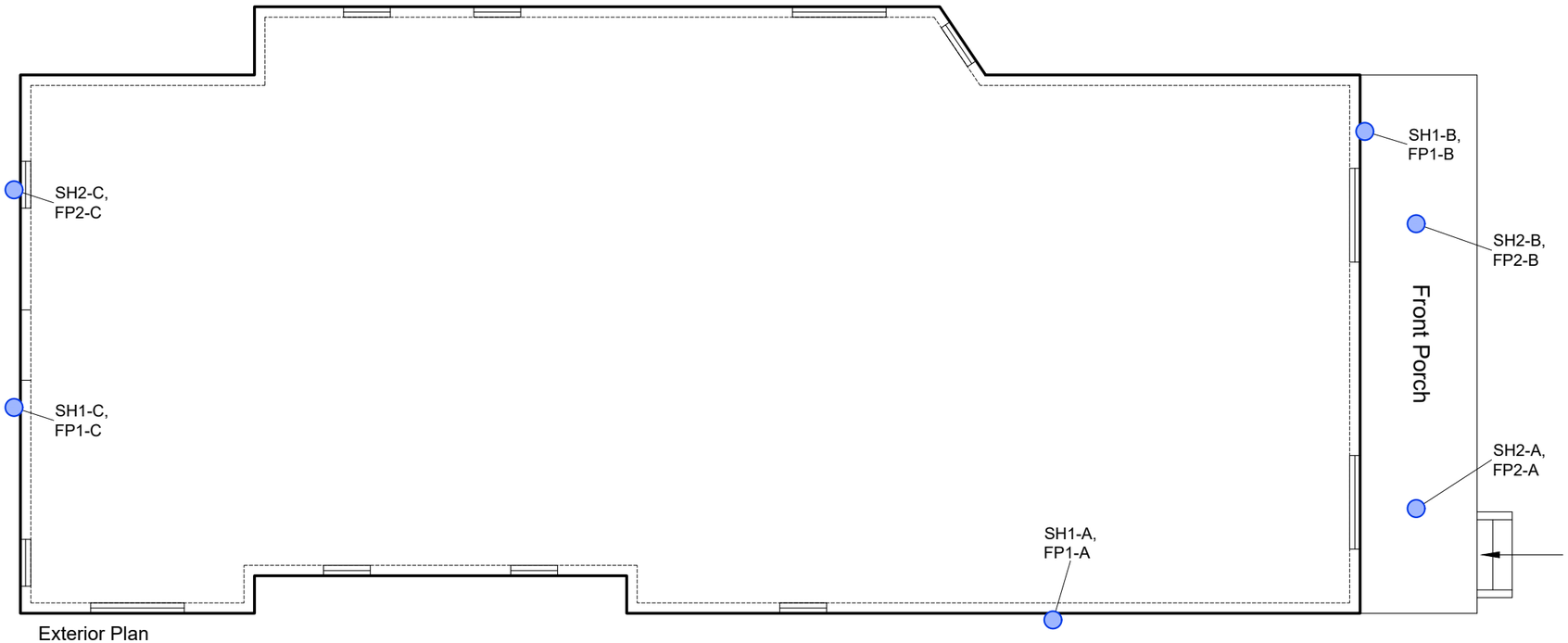


Patrick W. Hook PG
Lead Consultant, EPA AHERA Certified Asbestos Building Inspector, Project Manager, IDPH #100-10967



Basement Floor Plan

SCALE: 1"=6'-0"



Exterior Plan

SCALE: 1"=6'-0"

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Legend

Sample Location

REV #	DESCRIPTION	DATE

SITE:
15300 Myrtle Avenue
Harvey, IL 60426

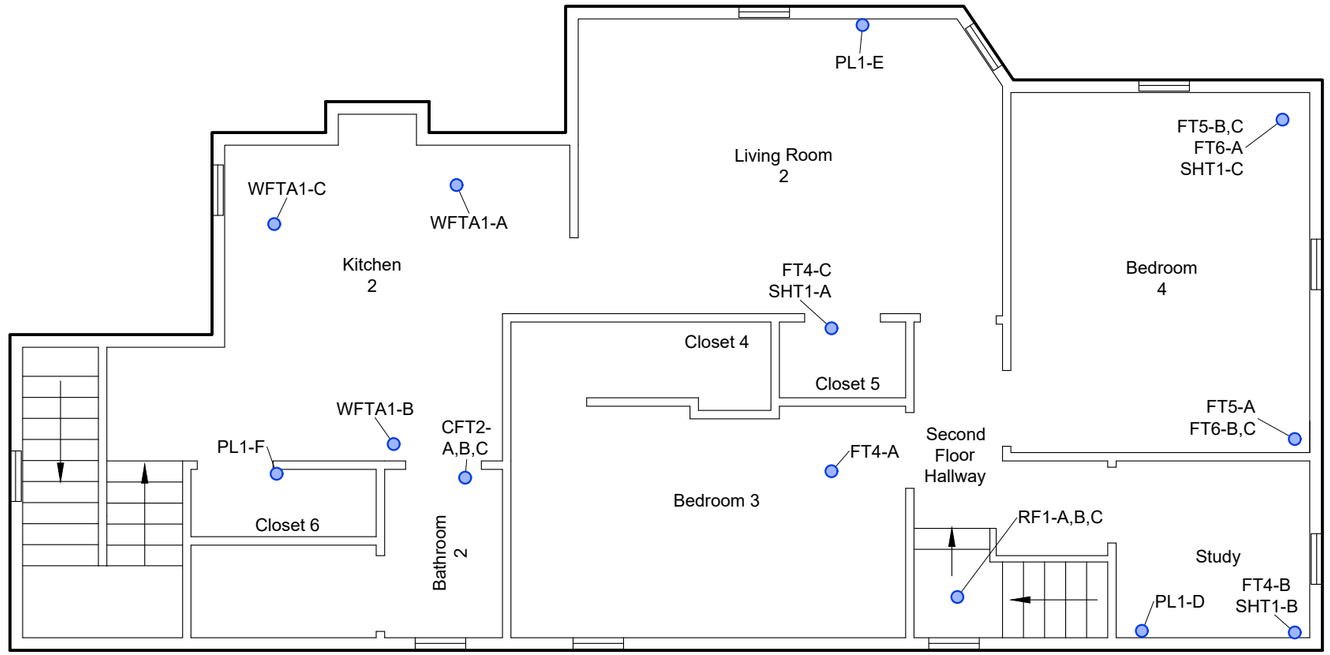
PROJECT NUMBER: 2025.0320

DATE: 06.05.2025

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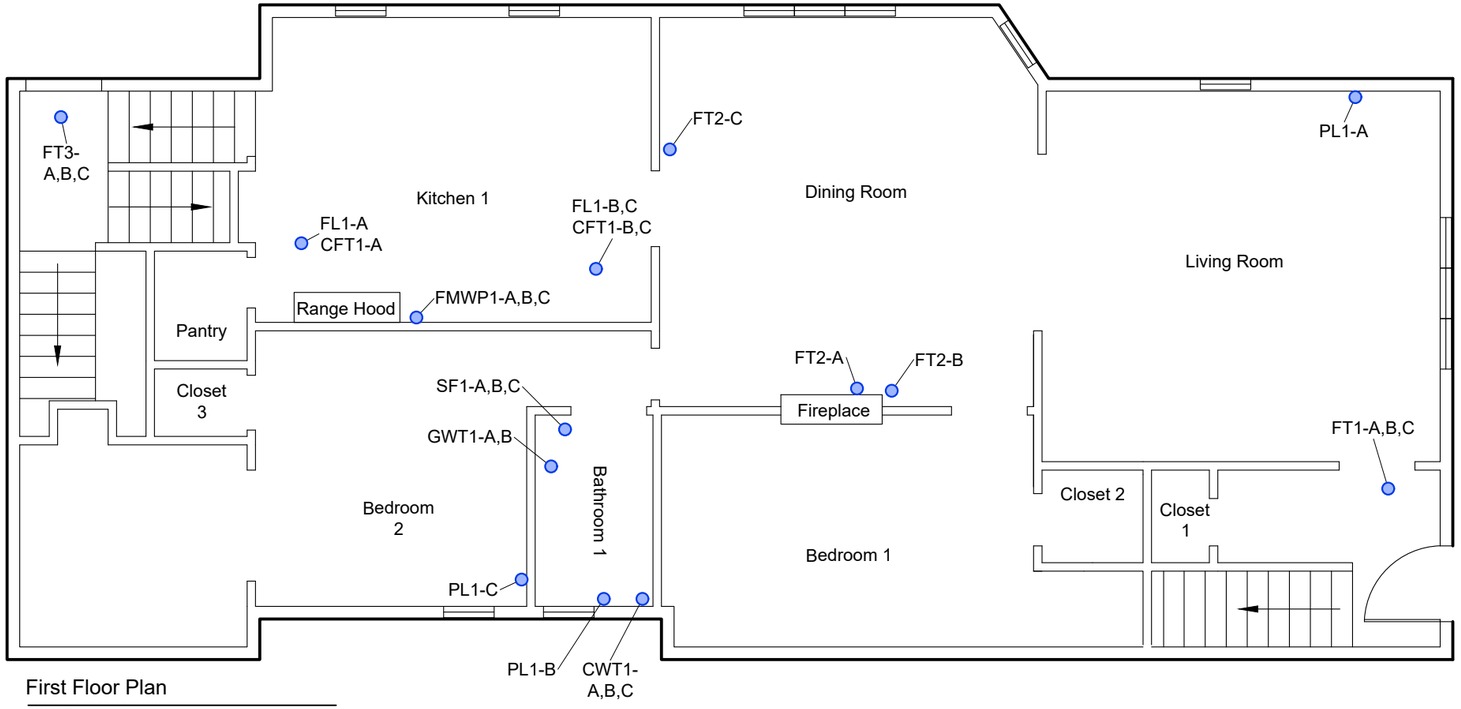
DWG:
ASBESTOS SAMPLE LOCATION MAP

PAGE: 1



Second Floor Plan

SCALE: 1"=6'-0"



First Floor Plan

SCALE: 1"=6'-0"

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Legend

Sample Location

REV #	DESCRIPTION	DATE

SITE:
15300 Myrtle Avenue
Harvey, IL 60426

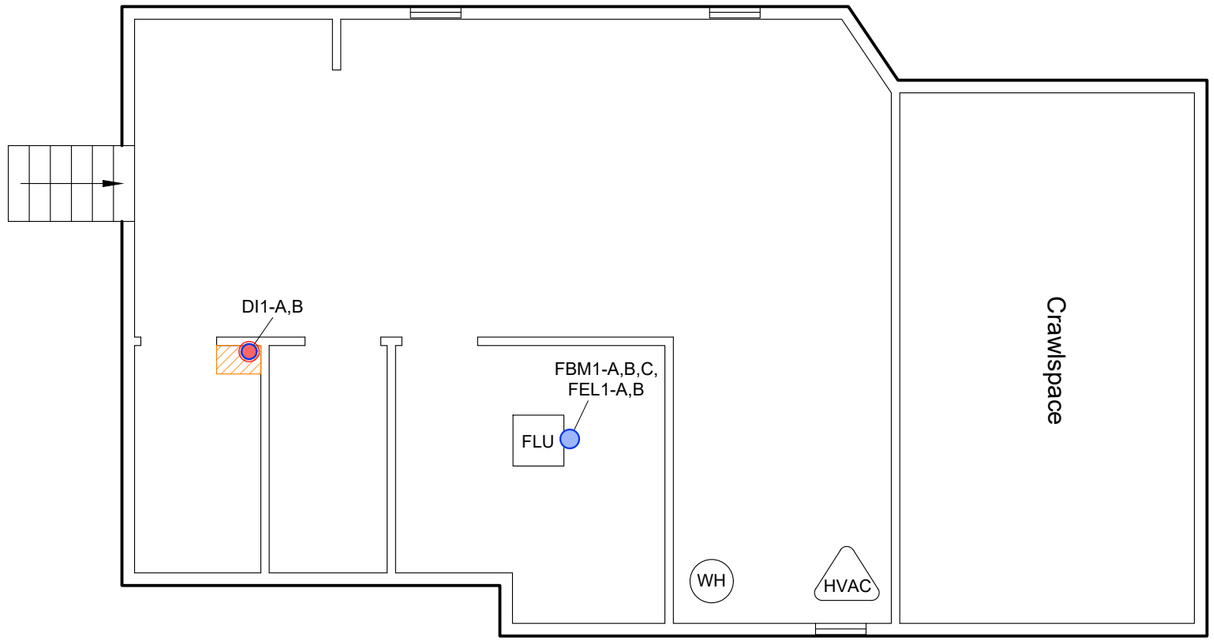
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DATE: 06.05.2025

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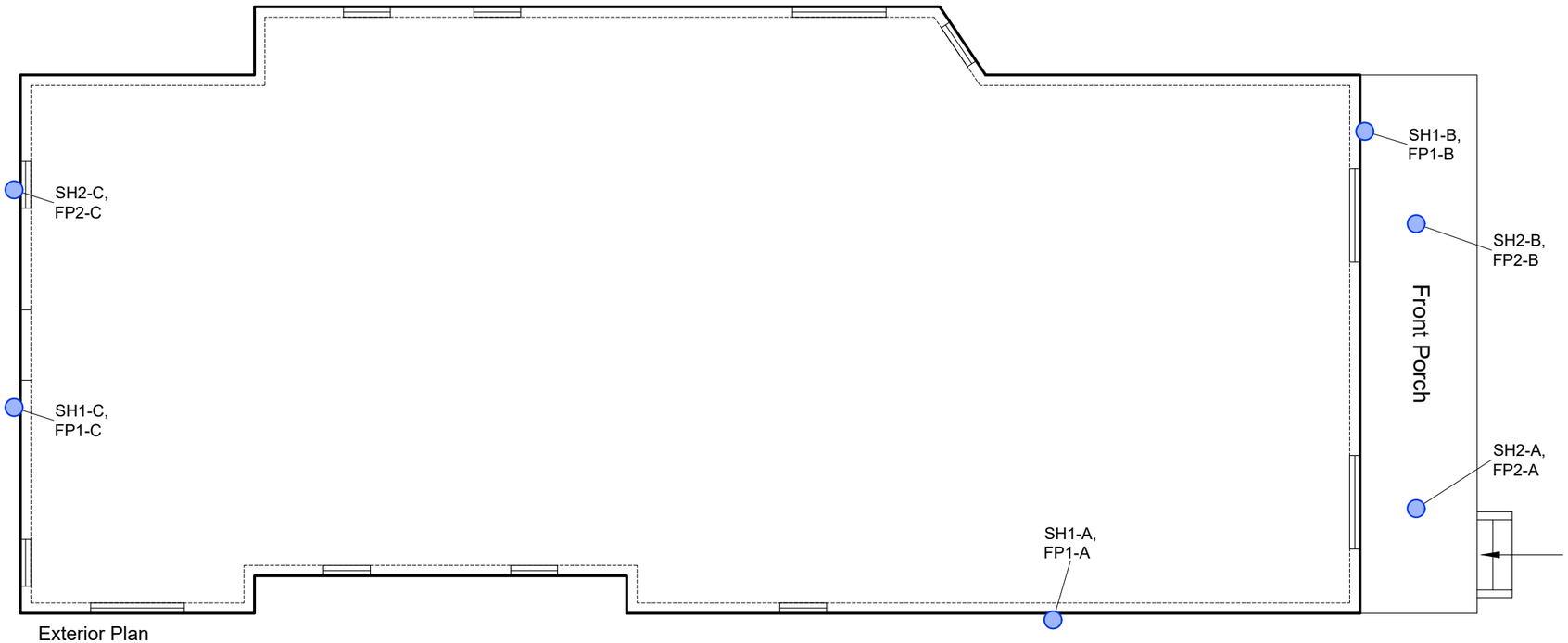
DWG:
ASBESTOS SAMPLE LOCATION MAP

PAGE:
2



Basement Floor Plan

SCALE: 1"=6'-0"



Exterior Plan

SCALE: 1"=6'-0"

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Legend

- Sample Location
- ACM Location
- DI1-A,DI1-B: Register Duct Insulation Remnant *(2 SF)*

REV #	DESCRIPTION	DATE

SITE: 15300 Myrtle Avenue Harvey, IL 60426

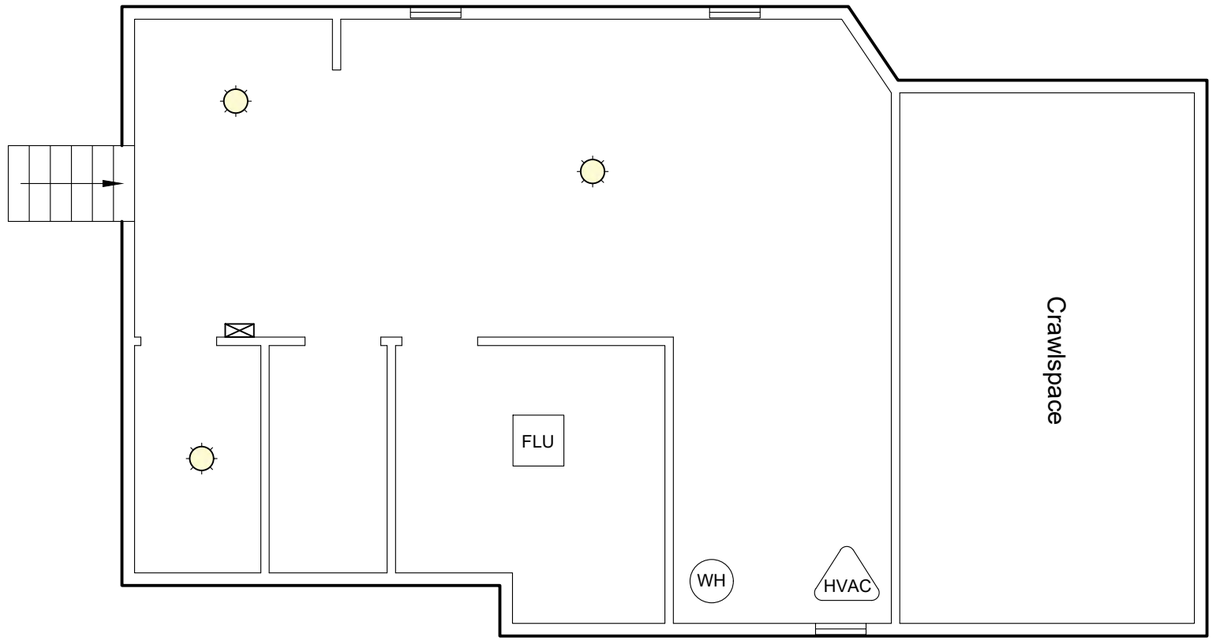
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DATE: 06.05.2025

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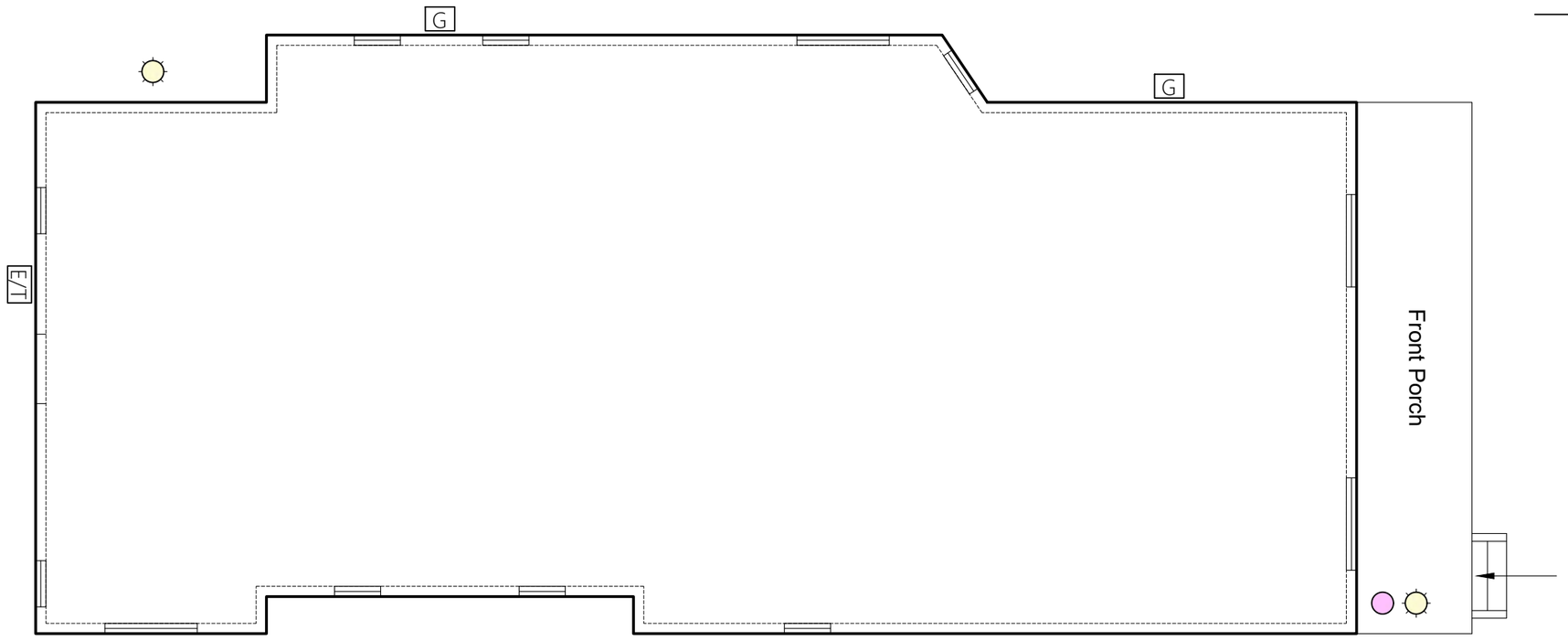
DWG: ASBESTOS CONTAINING MATERIAL LOCATION MAP

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Basement Floor Plan

SCALE: 1"=6'-0"



Exterior Plan

SCALE: 1"=6'-0"

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Legend

- Light
- G — Gas Meter
- E/T — Electric Meter & Telephone Box
- Breaker Box
- Satellite Dish

REV #	DESCRIPTION	DATE

SITE:
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Harvey, IL 60426

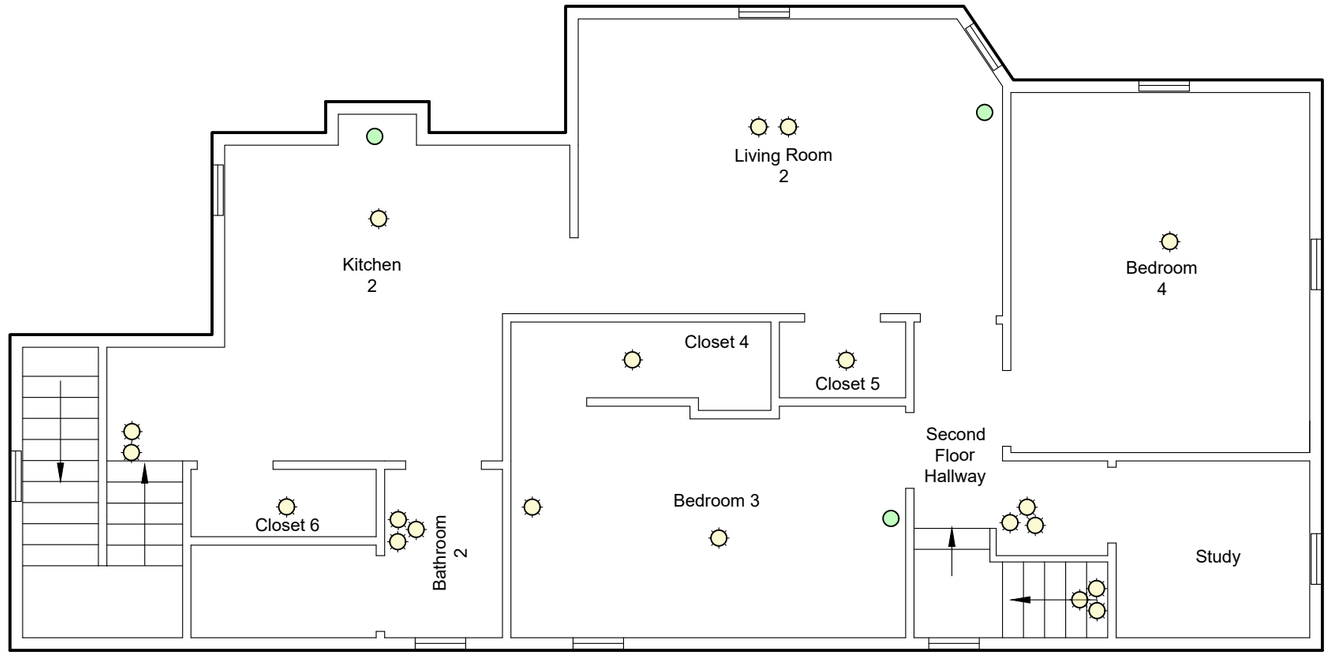
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DATE: 06.05.2025

SCALE: 1" = 6'-0"

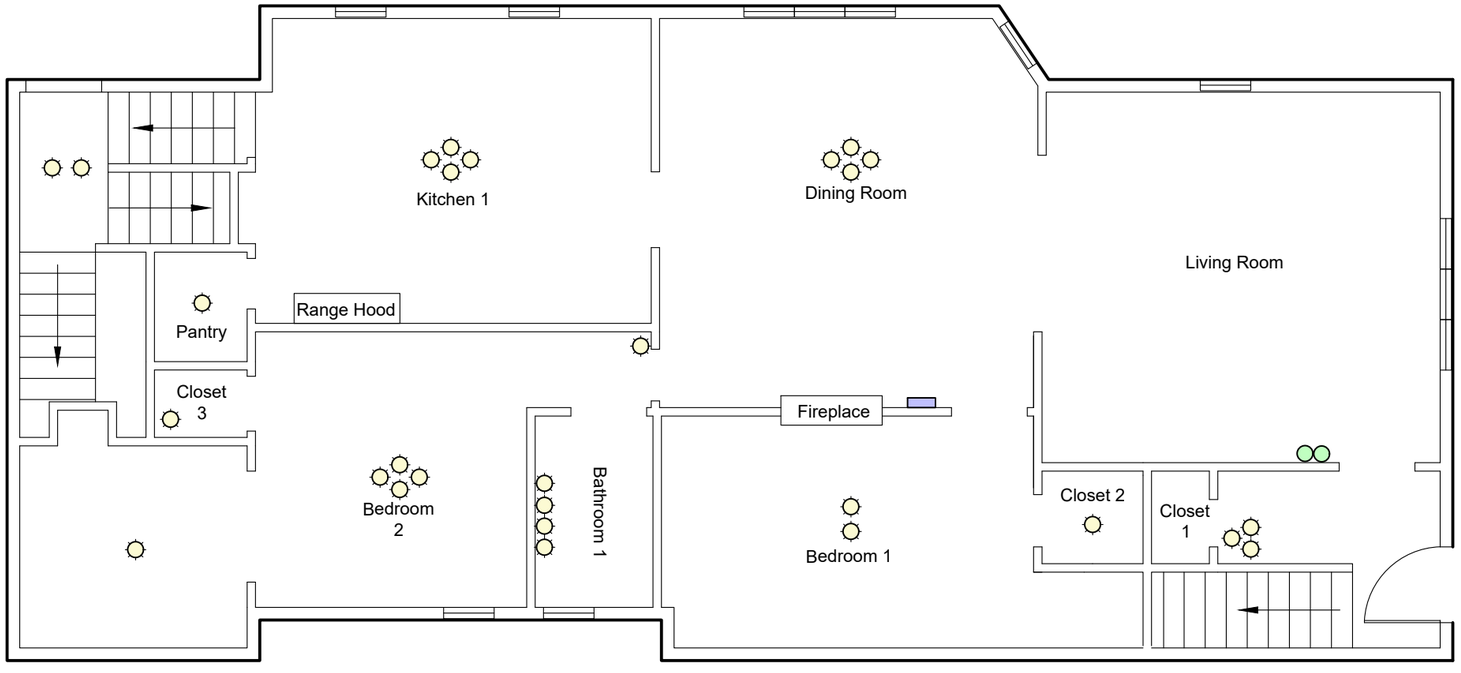
DWG: HAZARDOUS MATERIAL SURVEY

PAGE: 4



Second Floor Plan

SCALE: 1"=6'-0"



First Floor Plan

SCALE: 1"=6'-0"

A3E CONSULTANTS

Legend

- Light
- Smoke/Fire Alarm
- Thermostat

REV #	DESCRIPTION	DATE

SITE:
15300 Myrtle Avenue
Harvey, IL 60426

PROJECT NUMBER: 2025.0320

DATE: 06.05.2025

SCALE: 1" = 6'-0"

DWG: HAZARDOUS MATERIAL SURVEY

PAGE: 5

IDPH
ILLINOIS DEPARTMENT OF PUBLIC HEALTH

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

IDPH

ASBESTOS PROFESSIONAL LICENSE

ID NUMBER	ISSUED	EXPIRES
100 - 10967	3/10/2025	05/15/2026

PATRICK W HOOK
2025 WOODLANE DR
LINDENHURST, IL 60046
Environmental Health



Back of License

ENDORSEMENTS	TC EXPIRES
INSPECTOR	1/10/2026
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

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LABORATORY REPORT
BULK SAMPLE ASBESTOS EVALUATION BY POLARIZED LIGHT MICROSCOPY METHOD

Client:	A3 Environmental			**Project Location:**	15300 Myrtle Ave.
Contact	Patrick Hook			**Project Reference:**	2025.0320
Address:	3030 Warrenville Rd., Suite 418			**TEM Project:**	76525
	Lisle	IL	60532-	**Analyzed by:**	Lori Boersma
				Date Analyzed:	5/20/2025

Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID / Description	Lab ID	Color		Type	Percent	Type	Percent	Filler / Binder	Comments
PL1-A Plaster - Base Coat	570857	Brown/White	None Detected	-	-	Cellulose:	5-10	90-95	
PL1-B Plaster - Base Coat	570858	Brown/White	None Detected	-	-	Cellulose:	5-10	90-95	
PL1-C Plaster - Base Coat	570859	Brown/White	None Detected	-	-	Cellulose:	5-10	90-95	
PL1-D Plaster - Base Coat	570860	Gray	None Detected	-	-	- Hair	- 2-3	97-98	
PL1-E Plaster - Base Coat	570861	Gray	None Detected	-	-	- Hair	- 1-2	98-99	
PL1-F Plaster - Base Coat	570862	Gray	None Detected	-	-	- Hair	- 1-2	98-99	
PL1-A* Plaster - Skim Coat	570863	White	None Detected	-	-	-	-	90-100	
PL1-B* Plaster - Skim Coat	570864	White	None Detected	-	-	-	-	90-100	

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	Lisle IL 60532-	**Analyzed by:**	Lori Boersma
		Date Analyzed:	5/20/2025

Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID / Description	Lab ID	Color		Type	Percent	Type	Percent	Filler / Binder	Comments
PL1-C* Plaster - Skim Coat	570865	White	None Detected	-	-	-	-	90-100	
PL1-D* Plaster - Skim Coat	570866	White	None Detected	-	-	-	-	90-100	
PL1-E* Plaster - Skim Coat	570867	White	None Detected	-	-	-	-	90-100	
PL1-F* Plaster - Skim Coat	570868	White	None Detected	-	-	-	-	90-100	
FT1-A 12"x12" Green Mottle FT	570869	Green	None Detected	-	-	-	-	90-100	SLM
FT1-B 12"x12" Green Mottle FT	570870	Green	None Detected	-	-	-	-	90-100	SLM
FT1-C 12"x12" Green Mottle FT	570871	Green	None Detected	-	-	-	-	90-100	SLM
FT1-A* Green Mottle FT Mastic	570872	Yellow/Clear	None Detected	-	-	Cellulose:	1-2	98-99	

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		Date Analyzed:	5/20/2025

Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID / Description	Lab ID	Color		Type	Percent	Type	Percent	Filler / Binder	Comments
FT1-B* Green Mottle FT Mastic	570873	Yellow/Clear	None Detected	-	-	Cellulose:	1-2	98-99	
FT1-C* Green Mottle FT Mastic	570874	Yellow/Clear	None Detected	-	-	Cellulose:	3-5	95-97	
FT2-A 9" Wood Parquet Flr. Mastic	570875	Brown	None Detected	-	-	Cellulose:	2-3	97-98	
FT2-B 9" Wood Parquet Flr. Mastic	570876	Brown	None Detected	-	-	Cellulose:	2-3	97-98	
FT2-C 9" Wood Parquet Flr. Mastic	570877	Brown	None Detected	-	-	Cellulose:	2-3	97-98	
FT3-A 12" Large Diamond Pattern FT	570878	Black/Tan	None Detected	-	-	-	-	90-100	SLM
FT3-B 12" Large Diamond Pattern FT	570879	Black/Tan	None Detected	-	-	-	-	90-100	SLM
FT3-C 12" Large Diamond Pattern FT	570880	Black/Tan	None Detected	-	-	-	-	90-100	SLM

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Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID / Description	Lab ID	Color		Type	Percent	Type	Percent	Filler / Binder	Comments
FT3-A* Diamond Pattern FT Mastic	570881	Brown	None Detected	-	-	-	-	90-100	
FT3-B* Diamond Pattern FT Mastic	570882	Brown	None Detected	-	-	-	-	90-100	
FT3-C* Diamond Pattern FT Mastic	570883	Brown	None Detected	-	-	Cellulose:	Trace	90-100	
SF1-A Black/Tan Ceramic Floor Tile	570884	Black/Tan	None Detected	-	-	-	-	90-100	
SF1-B Black/Tan Ceramic Floor Tile	570885	Black/Tan	None Detected	-	-	-	-	90-100	
SF1-C Black/Tan Ceramic Floor Tile	570886	Black/Tan	None Detected	-	-	-	-	90-100	
SF1-A* Ceramic FT Adhesive	570887	White	None Detected	-	-	-	-	90-100	
SF1-B* Ceramic FT Adhesive	570888	White	None Detected	-	-	-	-	90-100	

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Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID / Description	Lab ID	Color		Type	Percent	Type	Percent	Filler / Binder	Comments
SF1-C* Ceramic FT Adhesive	570889	White	None Detected	-	-	-	-	90-100	
FL1-A Thick Gray Floor Leveler	570890	Gray	None Detected	-	-	Cellulose:	Trace	90-100	
FL1-B Thick Gray Floor Leveler	570891	Gray	None Detected	-	-	-	-	90-100	
FL1-C Thick Gray Floor Leveler	570892	Gray	None Detected	-	-	Cellulose:	Trace	90-100	
CWT1-A 9"x12" Tan Ceramic Wall Tile	570893	Tan	None Detected	-	-	-	-	90-100	
CWT1-B 9"x12" Tan Ceramic Wall Tile	570894	Tan	None Detected	-	-	-	-	90-100	
CWT1-C 9"x12" Tan Ceramic Wall Tile	570895	Tan	None Detected	-	-	-	-	90-100	
CWT1-A* Ceramic Wall Tile Adhesive	570896	Gray	None Detected	-	-	-	-	90-100	

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Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID Description	Lab ID	Color		Type	Percent	Type	Percent	Filler Binder	Comments
CWT1-B* Ceramic Wall Tile Adhesive	570897	Gray	None Detected	-	-	Cellulose:	Trace	90-100	
CWT1-C* Ceramic Wall Tile Adhesive	570898	Gray	None Detected	-	-	Cellulose:	1-2	98-99	
GWT1-A Misc. Granite Wall Tile	570899	Dark Gray	None Detected	-	-	-	-	90-100	
GWT1-B Misc. Granite Wall Tile	570900	Dark Gray	None Detected	-	-	-	-	90-100	
GWT1-A* Wall Tile Adhesive	570901	White	None Detected	-	-	-	-	90-100	
GWT1-B* Wall Tile Adhesive	570902	White	None Detected	-	-	-	-	90-100	
CFT1-A 30"x6" Faux Wood Ceramic Tile	570903	Tan	None Detected	-	-	-	-	90-100	
CFT1-B 30"x6" Faux Wood Ceramic Tile	570904	Tan	None Detected	-	-	-	-	90-100	

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Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID Description	Lab ID	Color		Type	Percent	Type	Percent	Filler Binder	Comments
CFT1-C 30"x6" Faux Wood Ceramic Tile	570905	Tan	None Detected	-	-	-	-	90-100	
CFT1-A* Faux Wood Ceramic Adhesive	570906	Gray	None Detected	-	-	-	-	90-100	
CFT1-B* Faux Wood Ceramic Adhesive	570907	Gray	None Detected	-	-	-	-	90-100	
CFT1-C* Faux Wood Ceramic Adhesive	570908	Gray	None Detected	-	-	-	-	90-100	
FMWP1-A Fake White Marble Wall Panel	570909	White	None Detected	-	-	-	-	90-100	
FMWP1-B Fake White Marble Wall Panel	570910	White	None Detected	-	-	-	-	90-100	
FMWP1-C Fake White Marble Wall Panel	570911	White	None Detected	-	-	-	-	90-100	
FMWP1-A* Wall Panel Adhesive	570912	White	None Detected	-	-	-	-	90-100	

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Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID / Description	Lab ID	Color		Type	Percent	Type	Percent	Filler / Binder	Comments
FMWP1-B* Wall Panel Adhesive	570913	White	None Detected	-	-	-	-	90-100	
FMWP1-C* Wall Panel Adhesive	570914	White	None Detected	-	-	-	-	90-100	
FEL1-A Flue Exhaust Liner	570915	Gray	None Detected	-	-	-	-	90-100	
FEL1-B Flue Exhaust Liner	570916	Gray	None Detected	-	-	-	-	90-100	
DI1-A Register Duct Insul. Remnant	570917	Gray	**Yes**	**Chrysotile:**	**85-95**	Cellulose:	Trace	5-15	
DI1-B Register Duct Insul. Remnant	570918	Gray	**Yes**	**Chrysotile:**	**85-95**	Cellulose:	Trace	5-15	
CFT2-A 12"x12" Beige Ceramic FT	570919	Beige	None Detected	-	-	-	-	90-100	
CFT2-B 12"x12" Beige Ceramic FT	570920	Beige	None Detected	-	-	-	-	90-100	

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Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID / Description	Lab ID	Color		Type	Percent	Type	Percent	Filler / Binder	Comments
CFT2-C 12"x12" Beige Ceramic FT	570921	Beige	None Detected	-	-	-	-	90-100	
CFT2-A* Beige Ceramic FT Adhesive	570922	Gray	None Detected	-	-	-	-	90-100	
CFT2-B* Beige Ceramic FT Adhesive	570923	Gray	None Detected	-	-	-	-	90-100	
CFT2-C* Beige Ceramic FT Adhesive	570924	Gray	None Detected	-	-	- Glass:	- 1-2	98-99	
FBM1-A Flue Brick	570925	Tan	None Detected	-	-	-	-	90-100	
FBM1-B Flue Brick	570926	Tan	None Detected	-	-	-	-	90-100	
FBM1-C Flue Brick	570927	Tan	None Detected	-	-	-	-	90-100	
FBM1-A* Mortar	570928	White	None Detected	-	-	-	-	90-100	

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Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID Description	Lab ID	Color		Type	Percent	Type	Percent	Filler Binder	Comments
FBM1-B* Mortar	570929	White	None Detected	-	-	-	-	90-100	
FBM1-C* Mortar	570930	White	None Detected	-	-	-	-	90-100	
SH1-A Red & Tan Shingles (Siding)	570931	Red/Tan	None Detected	-	-	Cellulose:	70-80	20-30	
SH1-B Red & Tan Shingles (Siding)	570932	Red/Tan	None Detected	-	-	Cellulose:	70-80	20-30	
SH1-C Red & Tan Shingles (Siding)	570933	Red/Tan	None Detected	-	-	Cellulose:	70-80	20-30	
FP1-A Felt/Tar Paper under SH1	570934	Black	None Detected	-	-	Cellulose:	80-90	10-20	
FP1-B Felt/Tar Paper under SH1	570935	Black	None Detected	-	-	Cellulose:	80-90	10-20	
FP1-C Felt/Tar Paper under SH1	570936	Black	None Detected	-	-	Cellulose:	80-90	10-20	

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Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID Description	Lab ID	Color		Type	Percent	Type	Percent	Filler Binder	Comments
SH2-A Black Shingles (Roof)	570937	Black	None Detected	-	-	- Glass:	- 50-60	40-50	
SH2-B Black Shingles (Roof)	570938	Black	None Detected	-	-	- Glass:	- 50-60	40-50	
SH2-C Black Shingles (Roof)	570939	Black	None Detected	-	-	- Glass:	- 50-60	40-50	
FP2-A Felt/Tar Paper under SH2	570940	Black	None Detected	-	-	Cellulose:	80-90	10-20	
FP2-B Felt/Tar Paper under SH2	570941	Black	None Detected	-	-	Cellulose:	80-90	10-20	
FP2-C Felt/Tar Paper under SH2	570942	Black	None Detected	-	-	Cellulose:	80-90	10-20	
FT4-A 9"x9" Tan Floor Tile	570943	Tan	None Detected	-	-	-	-	90-100	SLM
FT4-B 9"x9" Tan Floor Tile	570944	Tan	None Detected	-	-	-	-	90-100	SLM

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Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID / Description	Lab ID	Color		Type	Percent	Type	Percent	Filler / Binder	Comments
FT4-C 9"x9" Tan Floor Tile	570945	Tan	None Detected	-	-	-	-	90-100	SLM
FT4-A* 9"x9" Tan FT Mastic	570946	Brown	None Detected	-	-	-	-	90-100	
FT4-B* 9"x9" Tan FT Mastic	570947	Brown	None Detected	-	-	Cellulose:	1-2	98-99	
FT4-C* 9"x9" Tan FT Mastic	570948	Brown	None Detected	-	-	-	-	90-100	
WFTA1-A 12"x12" Wood FT Adhesive	570949	Brown	None Detected	-	-	-	-	90-100	
WFTA1-B 12"x12" Wood FT Adhesive	570950	Brown	None Detected	-	-	-	-	90-100	
WFTA1-C 12"x12" Wood FT Adhesive	570951	Brown	None Detected	-	-	-	-	90-100	
RF1-A Floor Backing	570952	Gray/Black	None Detected	-	-	-	-	90-100	

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Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID Description	Lab ID	Color		Type	Percent	Type	Percent	Filler Binder	Comments
RF1-B Floor Backing	570953	Gray/Black	None Detected	-	-	-	-	90-100	
RF1-C Floor Backing	570954	Gray/Black	None Detected	-	-	-	-	90-100	
SHT1-A Small Rectangular Sheet Flr.	570955	Brown/Black	None Detected	-	-	Cellulose:	20-30	70-80	
SHT1-B Small Rectangular Sheet Flr.	570956	Brown	None Detected	-	-	Cellulose:	90-100	0-10	
SHT1-C Small Rectangular Sheet Flr.	570957	Brown	None Detected	-	-	Cellulose:	90-100	0-10	
FT5-A 12"x12" Tan/Gray Mottle FT	570958	Tan/Gray	None Detected	-	-	-	-	90-100	SLM
FT5-B 12"x12" Tan/Gray Mottle FT	570959	Tan/Gray	None Detected	-	-	-	-	90-100	SLM
FT5-C 12"x12" Tan/Gray Mottle FT	570960	Tan/Gray	None Detected	-	-	-	-	90-100	SLM

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TEM ENVIRONMENTAL, INC.
ENVIRONMENTAL SCIENTISTS | INDUSTRIAL HYGIENISTS

LABORATORY REPORT
BULK SAMPLE ASBESTOS EVALUATION BY POLARIZED LIGHT MICROSCOPY METHOD

Client:	A3 Environmental			**Project Location:**	15300 Myrtle Ave.
Contact	Patrick Hook			**Project Reference:**	2025.0320
Address:	3030 Warrenville Rd., Suite 418			**TEM Project:**	76525
	Lisle	IL	60532-	**Analyzed by:**	Lori Boersma
				Date Analyzed:	5/20/2025

Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID / Description	Lab ID	Color		Type	Percent	Type	Percent	Filler / Binder	Comments
FT5-A* Tan/Gray Mottle FT Mastic	570961	Brown	None Detected	-	-	Cellulose:	90-95	5-10	
FT5-B* Tan/Gray Mottle FT Mastic	570962	Brown	None Detected	-	-	Cellulose:	90-95	5-10	
FT5-C* Tan/Gray Mottle FT Mastic	570963	Brown	None Detected	-	-	Cellulose:	90-95	5-10	
FT6-A 9"x9" Vinyl Wood Flooring	570964	Brown	None Detected	-	-	Cellulose:	40-50	50-60	
FT6-B 9"x9" Vinyl Wood Flooring	570965	Brown	None Detected	-	-	Cellulose:	40-50	50-60	
FT6-C 9"x9" Vinyl Wood Flooring	570966	Brown	None Detected	-	-	Cellulose:	40-50	50-60	
FT6-A* Vinyl Wood Flr Felt/Mastic	570967	Black	None Detected	-	-	Cellulose:	80-90	10-20	
FT6-B* Vinyl Wood Flr Felt/Mastic	570968	Black	None Detected	-	-	Cellulose:	80-90	10-20	

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LABORATORY REPORT
BULK SAMPLE ASBESTOS EVALUATION BY POLARIZED LIGHT MICROSCOPY METHOD

Client:	A3 Environmental			**Project Location:**	15300 Myrtle Ave.
Contact	Patrick Hook			**Project Reference:**	2025.0320
Address:	3030 Warrenville Rd., Suite 418			**TEM Project:**	76525
	Lisle	IL	60532-	**Analyzed by:**	Lori Boersma
				Date Analyzed:	5/20/2025

Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID / Description	Lab ID	Color		Type	Percent	Type	Percent	Filler / Binder	Comments
FT6-C* Vinyl Wood Flr Felt/Mastic	570969	Black	None Detected	-	-	Cellulose:	80-90	10-20	

Samples are analyzed following the procedures contained in the USEPA Method 600/R-93/116 July 1993. This report applies only to samples analyzed. This report may not be reproduced except in full and with the approval of TEM Environmental, Inc. This report may not be used by the client to claim product endorsement by NVLAP or any agency of the US government. An estimate of the laboratory uncertainty is available upon request.
SLM: Certain samples may warrant additional analysis beyond the standard USEPA Polarized Light Microscopy method. 1) Further testing using the point count method is recommend for friable samples found to contain less than 10% asbestos by PLM to confirm that the samples are in fact regulated asbestos containing materials (RACM) as defined by the USEPA NESHAP Regulation. 2) The optical resolution of a polarized light microscope limits the size of fibers that are visible. In cases where very small fibers may be present, such as in samples of floor tiles, vermiculite or certain construction adhesives, the result of the PLM analysis is not conclusive when the sample is reported as "None Detected" or "Trace". Further testing using transmission electron microscopy is recommended in those cases where samples may contain very small fibers which may be smaller than the resolution limit of a polarized light microscope. All such services are available for an additional fee.

Analytical services provided are subject to the Terms and Conditions listed on our website.

Report Approved by:

630-790-0880 INFO@TEM-INC.COM 174 N BRANDON DRIVE GLENDALE HEIGHTS, ILLINOIS 60139

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630-790-0880 | INFO@TEM-INC.COM

CHAIN OF CUSTODY FORM

Client: A3E	Date: 05/09/2025
Contact: Patrick Hook	
Address: 3030 Warrenville Road	
City/State/Zip: Lisle	
Phone: 773-243-7533	Fax:
Email: Patrick@a3e.com	

TAT RUSH/WKD [ ] 24HR [ ] 48HR [ ] 72HR [ ] 4 DAYS [ ] > 5 DAYS [✔]

Project Name/No: 15300 Myrtle Ave / 2025.0320

Results Due by (Date & Time):

TEM Project #: 76525

NVLAP ID 101130 AIHA-PAT ID 101151 AIHA-AAR ID 101151

Comments: Please Analyze Mastics & Adhesives

PO/Quote#:

Client ID No.	Description	Sample Volume	PLM: Bulk	PLM: Point Count	PLM: Gravimetric	TEM: Air-AHERA	TEM: Air-Other	TEM: Bulk	TEM: Chatfield	TEM: Water	TEM: Micro-Vac	TEM: PCM-Air	TEM: Other	Comments
PL1-A,B,C,D,E,F	Plaster Base & Skim Coat		✔											
FT1-A,B,C	12"x12" Green Mottle Floor Tile & Mastic - Front Foyer		✔											
FT2-A,B,C	9"x9" Wood Parquet Flooring Mastic - Fireplace (MASTIC ONLY)		✔											
FT3-A,B,C	12"x12" Large Diamond Pattern Floor Tile & Mastic - Rear Foyer		✔											
SF1-A,B,C	Black & Tan Decorative Stone Ceramic Floor Tile & Adhesive - Bathroom 1		✔											
FL1-A,B,C	Thick Gray Floor Leveler - Kitchen		✔											
CWT1-A,B,C	9"x12" Tan Ceramic Wall Tile & Adhesive - Bathroom 1		✔											
GWT1-A,B	Misc Grainte Wall Tile & Adhesive - Bathroom 1		✔											
CFT1-A,B,C	30"x6" Faux Wood Ceramic Floor Tile & Adhesive - Kitchen		✔											
FMWP1-A,B,C	2'x1' Fake White Marble Wall Panel & Adhesive - South Kitchen Wall		✔											
FEL1-A,B	Flue Exhaust Liner - Basement to Roof		✔											
DI1-A,B	Register Duct Insulation Remnant - Basement (1 Spot)		✔											
CFT2-A,B,C	12"x12" Beige Ceramic Floor Tile & Adhesive - Bathroom 2		✔											
FBM1-A,B,C	Flue Brick & Mortar (Basement)		✔											

RELINQUISHED BY (SIGNATURE): Patrick Hook A3E	DATE/TIME 5-9-25 3:04	RECEIVED BY (SIGNATURE):	DATE/TIME 5/9/25 5:10pm
RELINQUISHED BY (SIGNATURE):	DATE/TIME	RECEIVED BY (SIGNATURE):	DATE/TIME
LOGGED IN BY (SIGNATURE):	DATE/TIME	ANALYZED BY (SIGNATURE):	DATE/TIME

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630-790-0880 | INFO@TEM-INC.COM

CHAIN OF CUSTODY FORM

Client: A3E	Date: 05/09/2025
Contact: Patrick Hook	
Address: 3030 Warrenville Road	
City/State/Zip: Lisle	
Phone: 773-243-7533	Fax:
Email: Patrick@a3e.com	

TAT RUSH/WKD [ ] 24HR [ ] 48HR [ ] 72HR [ ] 4 DAYS [ ] > 5 DAYS [✔]

Project Name/No: 15300 Myrtle Ave / 2025.0320

Results Due by (Date & Time):

TEM Project #: 26525

NVLAP ID 101130 AIHA-PAT ID 101151 AIHA-AAR ID 101151

Comments: Please Analyze Mastics & Adhesives

PO/Quote#:

Client ID No.	Description	Sample Volume	PLM: Bulk	PLM: Point Count	PLM: Gravimetric	TEM: Air-AHERA	TEM: Air-Other	TEM: Bulk	TEM: Chatfield	TEM: Water	TEM: Micro-Vac	TEM: PCM-Air	TEM: Other	Comments
SH1-A,B,C	Red & Tan Shingles (Siding)		✔											
FP1-A,B,C	Felt/Tar Paper (Under SH1)		✔											
SH2-A,B,C	Black Shingles (Roof)		✔											
FP2-A,B,C	Felt/Tar Paper (Under SH2)		✔											
FT4-A,B,C	9"x9" Tan Floor Tile & Mastic - Study, 2nd Floor Hallway, Bedroom 3, Closet 5		✔											
WFTA1-A,B,C	12"x12" Wood Floor Tile Adhesive - Kitchen 2 (Adhesive ONLY)		✔											
RF1-A,B,C	Floor Backing (Stairs)		✔											
SHT1-A,B,C	Small Rectangular Sheet Flooring (Bedroom 4, Study, 2nd Floor Hallway, Closet 5		✔											
FT5-A,B,C	12"x12" Tan and Gray Mottle Floor Tile & Mastic (Bedroom 4)		✔											
FT6-A,B,C	9"x9" Vinyl Wood Flooring with Felt/Mastic Underneath (Bedroom 4)		✔											

x x x 5-20965

RELINQUISHED BY (SIGNATURE): A3E	DATE/TIME 5-9-25 304	RECEIVED BY (SIGNATURE):	DATE/TIME 5/9/25 3:10pm
RELINQUISHED BY (SIGNATURE):	DATE/TIME	RECEIVED BY (SIGNATURE):	DATE/TIME
LOGGED IN BY (SIGNATURE):	DATE/TIME	ANALYZED BY (SIGNATURE):	DATE/TIME

2



1
15300 Myrtle Avenue



2
West Elevation



3
South Elevation



4
East Elevation



5
View of 1st Floor Living Room and Dining Room



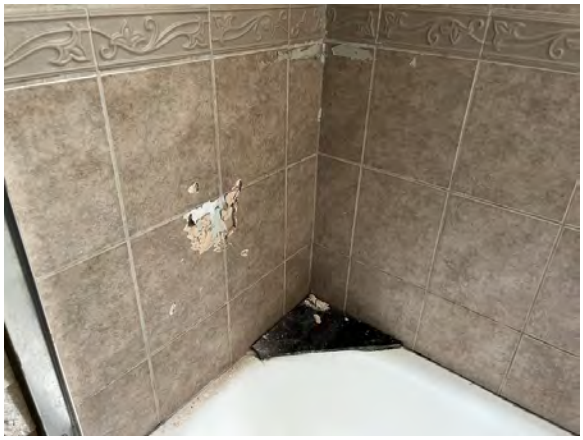
6
View of 1st Floor Dining Room and Living Room



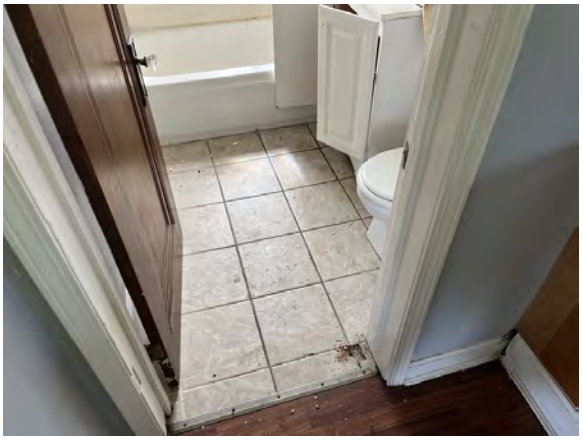
7
9"x9" Tan Floor Tile & Mastic (FT4) in Study, 2nd Floor Hallway, Bedroom 3 and Closet 5.



8
Plaster (PL1)



9
9"x12" Tan Ceramic Wall Tile & Adhesive in Bathroom 1 (CWT1)



10
12"x12" Beige Ceramic Floor Tile & Adhesive in bathroom 2 (CFT2)



11
12"x12" Tan & Gray Mottle Floor Tile & Mastic in Bedroom 4 (FT5)



12
12"x12" Wood Floor Tile Adhesive (WFT1) Kitchen 2



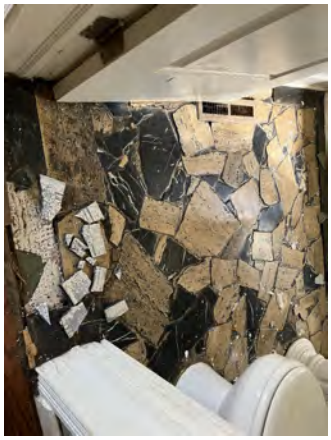
13
Black and Brown Shingles (SH2) and Felt/Tar Paper (FP2)



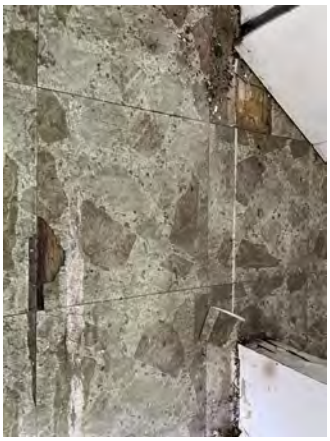
14
Small Rectangular Sheet Flooring (SHT1) in Bedroom 4, Study, 2nd Floor Hallway, Closet 5



15
30"x6" Faux Wood Ceramic Floor Tile & Adhesive in Kitchen 1 (CFT1)



16
Black & Tan Decorative Stone Ceramic Floor Tile & Adhesive Bathroom 1 (SF1)



17
12"x12" Green Mottle Floor Tile & Mastic Front Foyer (FT1)



18
9"x9" Vinyl Wood Flooring with Felt/Mastic Underneath (FT6) Bedroom 4



19
Misc Granite Wall Tile & Adhesive Bathroom 1 (GWT1)



20
9"x9" Wood Parquet Flooring & Mastic Fireplace Floor (FT2) 1st Floor Living Room



21
9"x9" Wood Parquet Flooring & Mastic Fireplace Floor (FT2) 1st Floor Living Room



22
9"x9" Wood Parquet Flooring & Mastic Romm Dividing Counter (FT2) 1st Floor Living Room



23
2'x1' Fake White Marble Wall Panel & Adhesive South Kitchen 1 Wall (FMWP1)



24
2'x1' Fake White Marble Wall Panel & Adhesive South Kitchen 1 Wall (FMWP1)



25
Gray Floor Leveler in Kitchen 1 (FL1)



26
Flue Exhaust Liner in Basement (FEL1)



27
Register Duct Insulation Remnant in Basement 2 Locations (DI1)



28
Register Duct Insulation Remnant in Basement 2 Locations (DI1)



29
Floor Backing on Stairs (RF1)



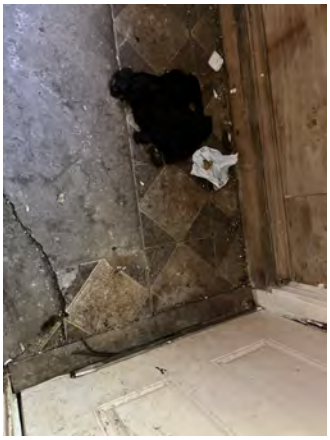
30
Flue in Basement



31
Red & Tan Shingles (SH1) and Felt/Tar Paper (FP1) Under Siding



32
Flue Brick and Mortar in Basement (FBM1)



33
12"x12" Large Diamond Pattern Floor Tile & Mastic Rear Foyer (FT3)



34
Light Fixtures



35
Light Fixture



36
Light Fixture



37
CEILING FAN



38
SMOKE AND CARBON MONOXIDE DETECTORS



39
LIGHT FIXTURE



40
LIGHT FIXTURE



41
CEILING FAN



42
SMOKE DETECTOR



43
RANGE HOOD



44
LIGHT FIXTURE



45
LIGHT FIXTURE



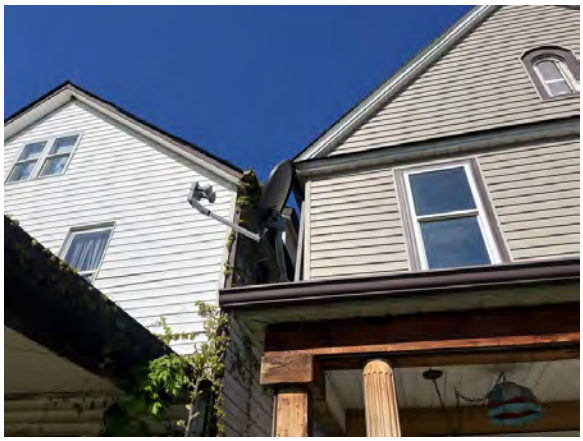
46
LIGHT FIXTURE ON FRONT PORCH



47
THERMOSTAT



48
LIGHT FIXTURE



49
SATELLITE DISH



50
ELECTRIC METER AND TELEPHONE BOX



51
GAS METER



52
ELECTRIC PANEL

Lead Based Paint Inspection Report

For the Property Located at:



Upcoming Demolition Areas - House
15300 South Myrtle Avenue
Harvey, IL 60426

Prepared for:

Protecting Our Water Environment

Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

Inspected and Prepared By:

A3E, Inc.
3030 Warrenville Road, Suite 418
Lisle, IL 60532

Date Performed: May 1, 2025
Report Issued: May 14, 2025
Inspector: James W. Sundberg, IL1743

IDENTIFYING INFORMATION

A lead based paint (LBP) inspection was conducted on the potential demolition of the house at the property listed on the cover sheet. The property consisted of the following structures with general appearance and make.

One (1) Residence constructed in the 1920's. 2 Story wood house with pitched roof and basement. House had little original components.

A comprehensive LBP Inspection of accessible buildings and rooms was performed on this Property. The purpose of this inspection was to determine the presence or absence of Lead Based Paint (LBP), as defined by the United States Environmental Protection Agency (USEPA) and the Illinois Department of Public Health (IDPH). This inspection was conducted on May 1, 2025 by James W. Sundberg (License Number IL1743).

METHODOLOGY

Even though not applicable on this type of property, the protocol used for this inspection is based on the practices and procedures in the United States Department of Housing and Urban Development's (HUD) *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing*, 2012 Revision (HUD Guidelines) and the United States Environmental Protection Agency's (USEPA) 40 CFR Part 745 (*Lead; Identification of Dangerous Levels of Lead; Final Rule; January 5, 2001*), It should be noted that the Occupational Safety and Health Administration (OSHA) Lead in Construction Standard (29 CFR 1926.62) does not define Lead Based Paint (LBP). A modified, comprehensive inspection by building of building **WAS** performed. **Although all painted, varnished, and shellacked components on a room by room basis were tested, limited numbers of walls (about 2) per room were tested.**

The Inspection was conducted utilizing the Viken Detection (formerly Heuresis Pb200i XRF (Serial Number 2187). The XRF fieldwork was conducted in accordance with the guidelines outlined in the EPA Performance Characteristic Sheet (Attached). In addition, please note the report does not label locations as North, South, East, and West. It utilizes A, B, C, and D. For this report, Wall A corresponds to the East Wall (Street Address Side) in every room. Walls B, C, and D are labeled from Wall A in a clockwise manner. For this project, Wall A is to the East, Wall B is to the South, Wall C is to the West, and Wall D is to the North.

RESULTS

Component by component testing on a room by room basis was performed throughout the property. It was attempted to test all components that were painted, varnished, or shellacked. Some readings were above the United States Environmental Protection Agency (USEPA) and Illinois Department of Public Health (IDPH) Regulatory Level of 1.0 mg/cm². Table I, below, contains a summary of the generic components that tested POSITIVE for LBP on this property.

Since all accessible, painted components were tested, components not listed in Table I tested negative for LBP.

Beneath this Cover Letter are two reports that sort the **same** information different ways. The first is a Summary Report and the second is a Detailed Report. A Summary Report displays all readings that were at or above the USEPA and IDPH Regulatory Level of 1.0 mg/cm². The Detailed Report lists all the readings, by room, that were taken during the inspection. Positive readings are displayed in a red color, negative readings are blue in color, and calibration readings are black.

TABLE I
GENERIC COMPONENTS POSITIVE FOR LBP

ROOM	COMPONENT
Exterior Front Porch	Wood Support Beams and Ceiling
Exterior House	Wood Window Components
	Old Wood Siding, Soffits, and Fascia (If present under Vinyl and Asphalt)
Interior Stairs to Basement	Wood Walls, Stair Risers, and Baseboards

All Components in some form of deteriorated condition.

APPLICABLE REGULATIONS

WORKER PROTECTION (OSHA)

The United States Occupational Safety and Health Administration (OSHA) considers lead in paint to be any detectable level of lead concentration to be a concern during renovation and demolition activities, as indicated in the OSHA Lead in Construction Standard (29 CFR 1926.62). The purpose of the OSHA Lead in Construction Standard is to protect construction workers from exposure to lead dust and fumes. OSHA is primarily concerned with activities that disturb paints with "detectable" amounts of lead. Several painted surfaces at the property were determined to contain lead above the OSHA level of concern.

The most effective way to determine if lead dust will be a health concern during renovation is to conduct a Negative Initial Determination (NID) to determine if the amount of generated lead dust would exceed the Permissible Exposure Limit (PEL) for lead dust or fumes. In general, an NID is a measurement of a known, airborne contaminant (e.g., lead) over period of eight hours. If the amount of airborne lead in the area is less than the PEL (as calculated by a qualified laboratory) than workers would be allowed to perform the work without Respirators and Personal Protective Equipment (PPE).

1) the NID information is given to the contractor and s/he agrees to it;
2) the contractor does not deviate from the process that was measured during the NID; and
3) The NID has been performed within the previous 12 months.

RECOMMENDATIONS

In summary, multiple building components were identified as coated with LBP at this property. Most of the LBP was in some form of deteriorated condition and some of the LBP was significantly damaged as noted in Table 1.

It is recommended that the findings of this LBP inspection report be provided to the demolition contractor with direction to perform the demolition work in a manner that complies with the OSHA Lead Standard for worker protection. The demolition work should also be performed in accordance with all other applicable lead related regulations.

SUPPORT INFORMATION

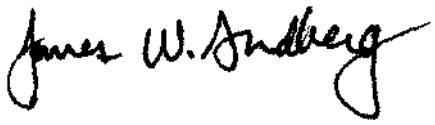
Enclosed in this document, besides inspection reports, are copies of the Lead Paint Risk Assessor's (Inspector) Illinois Department of Public Health (IDPH) License, and the XRF Performance Characteristic Sheets (PCS).

The undersigned has performed the Client-requested tasks listed above in a thorough and professional manner consistent with commonly accepted standard industry practices using state of the art practices and best available known technology as of the day of the assessment. We cannot guarantee and do not warrant that the LBP Testing has identified all adverse environmental factors and/or conditions affecting the subject property on the date of the Assessment. We cannot and will not warrant that that assessment testing that was requested by the client will satisfy the dictates of, or provide a legal defense in connection with, any environmental laws or regulations. It is the responsibility of the client to know and abide by all applicable laws, regulations, and standards.

This inspection is solely for the benefit of the client. The results and opinions in this report, based solely upon the conditions found on the property as of the date of the Assessment, will be valid only as of the date of the Assessment. We assume no obligation to advise the client of any changes in any real or potential Lead hazards at this property that may or may not be later brought to our attention.

Thanks again for the opportunity to serve you with this project. Should questions or comments arise, please do not hesitate in contacting me at (630) 514-4108.

Sincerely,



James W. Sundberg
Lead Risk Assessor/Inspector (IL1743)

Upcoming Demolition Areas - House
15300 South Myrtle Avenue, Harvey, IL 60426

LBP SUMMARY REPORT

Summary Lead Based Paint Inspection

Inspection Date: 5/1/2025 - 5/1/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 20
Unit Started: 05/01/2025 09:33:55
Unit Ended: 05/01/2025 11:12:00

Inspection Site: Vacant House
15300 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-->RoomChoice	Structure	-->Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
1 (CAL)		Off	Calibration								1.0 mg/cm²	Action Level (1.0)
2 (CAL)		Off	Calibration								1.0 mg/cm²	Action Level (1.0)
3 (CAL)		Off	Calibration								1.0 mg/cm²	Action Level (1.0)
4 (CAL)		Off	Calibration								0.0 mg/cm²	Action Level (1.0)
5 (CAL)		Off	Calibration								0.0 mg/cm²	Action Level (1.0)
6 (CAL)		Off	Calibration								0.0 mg/cm²	Action Level (1.0)
11	Positive	Off	Exterior	Front Porch	Support	Beam	Wood	A	Right	Deteriorated	26.7 mg/cm²	Action Level (1.0)
12	Positive	Off	Exterior	Front Porch	Ceiling		AL/Wood	C		Deteriorated	26.7 mg/cm²	Action Level (1.0)
84	Positive	Off	Interior	Stairs to Bsmt	Stair	Riser	Wood	C	Left	Deteriorated	1.1 mg/cm²	Action Level (1.0)
85	Positive	Off	Interior	Stairs to Bsmt	Stair	Baseboard	Wood	C	Left	Deteriorated	1.2 mg/cm²	Action Level (1.0)
92	Positive	Off	Interior	Stairs to Bsmt	Wall		Wood	B	UL	Deteriorated	1.6 mg/cm²	Action Level (1.0)
102	Positive	Off	Interior	Basement	Window	Sash	Wood	B	Left	Deteriorated	1.4 mg/cm²	Action Level (1.0)

A 3 E

Summary Lead Based Paint Inspection

Inspection Date: 5/1/2025 - 5/1/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 20
Unit Started: 05/01/2025 09:33:55
Unit Ended: 05/01/2025 11:12:00

Inspection Site: Vacant House
15300 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-- >RoomChoice	Structure	-- >Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
135	Positive	Off	Exterior	House	Window Sill		Wood	C	Center	Deteriorated	6.4 mg/cm²	Action Level (1.0)
136	Positive	Off	Exterior	House	Window Sash		Wood	C		Deteriorated	6.2 mg/cm²	Action Level (1.0)
168 (CAL)		Off	Calibration								1.0 mg/cm²	Action Level (1.0)
169 (CAL)		Off	Calibration								1.0 mg/cm²	Action Level (1.0)
170 (CAL)		Off	Calibration								0.9 mg/cm²	Action Level (1.0)
171 (CAL)		Off	Calibration								0.0 mg/cm²	Action Level (1.0)
172 (CAL)		Off	Calibration								0.1 mg/cm²	Action Level (1.0)
173 (CAL)		Off	Calibration								0.0 mg/cm²	Action Level (1.0)

------ END OF READINGS ------

A 3 E

Upcoming Demolition Areas - House
15300 South Myrtle Avenue, Harvey, IL 60426

LBP DETAILED REPORT

Detailed Lead Based Paint Inspection

Inspection Date:	5/1/2025 - 5/1/2025	Inspection Site:	Vacant House 15300 Myrtle Avenue Harvey, IL 60426
Action Level:	1.0 (mg/cm²)		
Total Readings:	173		
Unit Started:	05/01/2025 09:33:55		
Unit Ended:	05/01/2025 11:12:00		

Read #	Result	RTA Present	Room	-->RoomChoice	Structure	-->Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
1 (CAL)		Off	Calibration								1.0 mg/cm²	Action Level (1.0)
2 (CAL)		Off	Calibration								1.0 mg/cm²	Action Level (1.0)
3 (CAL)		Off	Calibration								1.0 mg/cm²	Action Level (1.0)
4 (CAL)		Off	Calibration								0.0 mg/cm²	Action Level (1.0)
5 (CAL)		Off	Calibration								0.0 mg/cm²	Action Level (1.0)
6 (CAL)		Off	Calibration								0.0 mg/cm²	Action Level (1.0)
7	Negative	Off	Exterior	House	Door	Panel	Wood	A	Left	Deteriorated	0.1 mg/cm²	Action Level (1.0)
8	Negative	Off	Exterior	House	Door	Casing	Wood	A	Left	Deteriorated	0.1 mg/cm²	Action Level (1.0)
9	Negative	Off	Exterior	House	Window	Sill	Wood	A	Right	Deteriorated	0.0 mg/cm²	Action Level (1.0)
10	Negative	Off	Exterior	House	Window	Casing	Wood	A	Right	Deteriorated	0.0 mg/cm²	Action Level (1.0)
11	Positive	Off	Exterior	Front Porch	Support	Beam	Wood	A	Right	Deteriorated	26.7 mg/cm²	Action Level (1.0)
12	Positive	Off	Exterior	Front Porch	Ceiling		AL/Wood	C		Deteriorated	26.7 mg/cm²	Action Level (1.0)

A 3 E

Detailed Lead Based Paint Inspection

Inspection Date: 5/1/2025 - 5/1/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 173
Unit Started: 05/01/2025 09:33:55
Unit Ended: 05/01/2025 11:12:00

Inspection Site: Vacant House
15300 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-->RoomChoice	Structure	-->Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
13	Negative	Off	Exterior	House	Foundation		Concrete	A	Right	Deteriorated	0.2 mg/cm²	Action Level (1.0)
14	Negative	Off	Exterior	House	Foundation		Concrete	B	Center	Deteriorated	0.2 mg/cm²	Action Level (1.0)
15	Negative	Off	Exterior	Front Porch	Support	Column	Wood	A	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
16	Negative	Off	Interior	1 Foyer	Wall		Wood	D	UL	Deteriorated	0.1 mg/cm²	Action Level (1.0)
17	Negative	Off	Interior	1 Foyer	Wall		Wood	C	UL	Deteriorated	0.1 mg/cm²	Action Level (1.0)
18	Negative	Off	Interior	1 Foyer	Ceiling		Wood	C		Deteriorated	0.0 mg/cm²	Action Level (1.0)
19	Negative	Off	Interior	1 Foyer	Door	Panel	Metal	A	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
20	Negative	Off	Interior	1 Foyer	Door	Casing	Wood		Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
21	Negative	Off	Interior	1 Foyer	Door	Panel	Wood	D	Center	Deteriorated	0.1 mg/cm²	Action Level (1.0)
22	Negative	Off	Interior	1 Foyer	Baseboard		Wood	D	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
23	Negative	Off	Interior	1 Living Room	Window	Casing	Wood	D	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
24	Negative	Off	Interior	1 Living Room	Window	Sill	Wood	D	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)

A 3 E

Detailed Lead Based Paint Inspection

Inspection Date: 5/1/2025 - 5/1/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 173
Unit Started: 05/01/2025 09:33:55
Unit Ended: 05/01/2025 11:12:00

Inspection Site: Vacant House
15300 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-->RoomChoice	Structure	-->Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
25	Negative	Off	Interior	1 Living Room	Baseboard		Wood	C	Center	Deteriorated	0.1 mg/cm²	Action Level (1.0)
26	Negative	Off	Interior	1 Lviing Room	Door	Casing	Wood	C	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
27	Negative	Off	Interior	1 Living Room	Floor		Wood	C		Deteriorated	0.0 mg/cm²	Action Level (1.0)
28	Negative	Off	Interior	1 Living Room	Wall		Drywall	C	LC	Deteriorated	0.0 mg/cm²	Action Level (1.0)
29	Negative	Off	Interior	1 Living Room	Wall		Drywall	D	LL	Deteriorated	0.0 mg/cm²	Action Level (1.0)
30	Negative	Off	Interior	1 Living Room	Ceiling		Drywall	D		Deteriorated	0.2 mg/cm²	Action Level (1.0)
31	Negative	Off	Interior	1 Dining Room	Ceiling		Drywal	D		Deteriorated	0.1 mg/cm²	Action Level (1.0)
32	Negative	Off	Interior	1 Dining Room	Wall		Drywall	D	UL	Deteriorated	0.2 mg/cm²	Action Level (1.0)
33	Negative	Off	Interior	1 Dining Room	Wall		Drywall	A	UL	Deteriorated	0.1 mg/cm²	Action Level (1.0)
34	Negative	Off	Interior	1 Dining Room	Baseboard		Wood	B	Left	Deteriorated	0.2 mg/cm²	Action Level (1.0)
35	Negative	Off	Interior	1 Dining Room	Door	Panel	Wood	B	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
36	Negative	Off	Interior	1 Dining Room	Door	Jamb	Wood	B	Left	Deteriorated	0.1 mg/cm²	Action Level (1.0)

Detailed Lead Based Paint Inspection

Inspection Date: 5/1/2025 - 5/1/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 173
Unit Started: 05/01/2025 09:33:55
Unit Ended: 05/01/2025 11:12:00

Inspection Site: Vacant House
15300 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-->RoomChoice	Structure	-->Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
37	Negative	Off	Interior	1 Dining Room	Window	Sill	Wood	D	Center	Deteriorated	0.1 mg/cm²	Action Level (1.0)
38	Negative	Off	Interior	1 Dining Room	Window	Casing	Wood	D	Center	Deteriorated	0.1 mg/cm²	Action Level (1.0)
39	Negative	Off	Interior	1 Dining Room	Cabinet		Wood	B	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
40	Negative	Off	Interior	1 Dining Room	Floor		Wood	B		Deteriorated	0.0 mg/cm²	Action Level (1.0)
41	Negative	Off	Interior	1 Bedroom 1	Floor		Wood	B		Deteriorated	0.0 mg/cm²	Action Level (1.0)
42	Negative	Off	Interior	1 Bedroom 1	Baseboard		Wood	B	Right	Deteriorated	0.0 mg/cm²	Action Level (1.0)
43	Negative	Off	Interior	1 Bedroom 1	Window	Sill	Wood	B	Right	Deteriorated	0.0 mg/cm²	Action Level (1.0)
44	Negative	Off	Interior	1 Bedroom 1	Window	Casing	Wood	B	Right	Deteriorated	0.0 mg/cm²	Action Level (1.0)
45	Negative	Off	Interior	1 Bedroom 1	Door	Panel	Wood	D	Right	Deteriorated	0.0 mg/cm²	Action Level (1.0)
46	Negative	Off	Interior	1 Bedroom 1	Door	Jamb	Wood	D	Right	Deteriorated	0.0 mg/cm²	Action Level (1.0)
47	Negative	Off	Interior	1 Bedroom 1	Ceiling		Drywall	D		Deteriorated	0.0 mg/cm²	Action Level (1.0)
48	Negative	Off	Interior	1 Bedroom 1	Wall		Drywall	D	UC	Deteriorated	0.1 mg/cm²	Action Level (1.0)

A 3 E

Detailed Lead Based Paint Inspection

Inspection Date: 5/1/2025 - 5/1/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 173
Unit Started: 05/01/2025 09:33:55
Unit Ended: 05/01/2025 11:12:00

Inspection Site: Vacant House
15300 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-->RoomChoice	Structure	-->Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
49	Negative	Off	Interior	1 Bedroom 1	Wall		Drywall	B	UL	Deteriorated	0.0 mg/cm²	Action Level (1.0)
50	Negative	Off	Interior	1 Bathroom	Wall		Drywall	A	UC	Deteriorated	0.0 mg/cm²	Action Level (1.0)
51	Negative	Off	Interior	1 Bathroom	Wall		Drywall	C	UC	Deteriorated	0.0 mg/cm²	Action Level (1.0)
52	Negative	Off	Interior	1 Bathroom	Ceiling		Drywall	C		Deteriorated	0.2 mg/cm²	Action Level (1.0)
53	Negative	Off	Interior	1 Bathroom	Cabinet		Wood	C	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
54	Negative	Off	Interior	1 Bathroom	Baseboard		Wood	D	Right	Deteriorated	0.0 mg/cm²	Action Level (1.0)
55	Negative	Off	Interior	1 Bathroom	Door	Panel	Wood	D	Right	Deteriorated	0.0 mg/cm²	Action Level (1.0)
56	Negative	Off	Interior	1 Bathroom	Door	Jamb	Wood	D	Right	Deteriorated	0.0 mg/cm²	Action Level (1.0)
57	Negative	Off	Interior	1 Bedroom 2	Door	Casing	Wood	A	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
58	Negative	Off	Interior	1 Bedroom 2	Door	Panel	Wood	A	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
59	Negative	Off	Interior	1 Bedroom 2	Window	Sill	Wood	C	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
60	Negative	Off	Interior	1 Bedroom 2	Window	Casing	Wood	C	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)

A 3 E

Detailed Lead Based Paint Inspection

Inspection Date: 5/1/2025 - 5/1/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 173
Unit Started: 05/01/2025 09:33:55
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Inspection Site: Vacant House
15300 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-->RoomChoice	Structure	-->Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
61	Negative	Off	Interior	1 Bedroom 2	Baseboard		Wood	C	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
62	Negative	Off	Interior	1 Bedroom 2	Shelf		Wood	C	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
63	Negative	Off	Interior	1 Bedroom 2	Ceiling		Drywall	C		Deteriorated	0.0 mg/cm²	Action Level (1.0)
64	Negative	Off	Interior	1 Bedroom 2	Wall		Drywall	C	UC	Deteriorated	0.1 mg/cm²	Action Level (1.0)
65	Negative	Off	Interior	1 Bedroom 2	Wall		Drywall	A	UL	Deteriorated	0.0 mg/cm²	Action Level (1.0)
66	Negative	Off	Interior	1 Bedroom 2	Wall		Drywall	B	UC	Deteriorated	0.1 mg/cm²	Action Level (1.0)
67	Negative	Off	Interior	1 Kitchen	Wall		Drywall	C	UC	Deteriorated	0.0 mg/cm²	Action Level (1.0)
68	Negative	Off	Interior	1 Kitchen	Wall		Drywall	D	UC	Deteriorated	0.0 mg/cm²	Action Level (1.0)
69	Negative	Off	Interior	1 Kitchen	Ceiling		Drywall	D		Deteriorated	0.0 mg/cm²	Action Level (1.0)
70	Negative	Off	Interior	1 Kitchen	Window	Sill	Wood	D	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
71	Negative	Off	Interior	1 Kitchen	Window	Casing	Wood	D	Left	Deteriorated	0.1 mg/cm²	Action Level (1.0)
72	Negative	Off	Interior	1 Kitchen	Crown Mold		Wood	D	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)

Detailed Lead Based Paint Inspection

Inspection Date: 5/1/2025 - 5/1/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 173
Unit Started: 05/01/2025 09:33:55
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Inspection Site: Vacant House
15300 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-->RoomChoice	Structure	-->Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
73	Negative	Off	Interior	1 Kitchen	Baseboard		Wood	D	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
74	Negative	Off	Interior	1 Kitchen	Door	Panel	Wood	C	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
75	Negative	Off	Interior	1 Kitchen	Door	Casing	Wood	C	Center	Deteriorated	0.1 mg/cm²	Action Level (1.0)
76	Negative	Off	Interior	1 Kitchen	Cabinet	(Gray)	Wood	B	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
77	Negative	Off	Interior	1 Kitchen	Cabinet		Wood	A	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
78	Negative	Off	Interior	1 Kitchen	Support	Column	Wood	A	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
79	Negative	Off	Interior	Stairs to Bsmt	Door	Panel	Wood	A	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
80	Negative	Off	Interior	Stairs to Bsmt	Door	Jamb	Wood	A	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
81	Negative	Off	Interior	Stairs to Bsmt	Window	Sill	Wood	C	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
82	Negative	Off	Interior	Stairs to Bsmt	Window	Casing	Wood	C	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
83	Negative	Off	Interior	Stairs to Bsmt	Stair	Tread	Wood	C	Left	Deteriorated	0.2 mg/cm²	Action Level (1.0)
84	Positive	Off	Interior	Stairs to Bsmt	Stair	Riser	Wood	C	Left	Deteriorated	1.1 mg/cm²	Action Level (1.0)

Detailed Lead Based Paint Inspection

Inspection Date: 5/1/2025 - 5/1/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 173
Unit Started: 05/01/2025 09:33:55
Unit Ended: 05/01/2025 11:12:00

Inspection Site: Vacant House
15300 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-- >RoomChoice	Structure	-- >Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
85	Positive	Off	Interior	Stairs to Bsmt	Stair	Baseboard	Wood	C	Left	Deteriorated	1.2 mg/cm²	Action Level (1.0)
86	Negative	Off	Interior	Stairs to Bsmt	Railing		Wood	D	Right	Deteriorated	0.0 mg/cm²	Action Level (1.0)
87	Negative	Off	Interior	Stairs to Bsmt	Newel Post		Wood	D	Right	Deteriorated	0.0 mg/cm²	Action Level (1.0)
88	Negative	Off	Interior	Stairs to Bsmt	Door	Panel	Metal	D	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
89	Negative	Off	Interior	Stairs to Bsmt	Wall		Wood	D	UC	Deteriorated	0.1 mg/cm²	Action Level (1.0)
90	Negative	Off	Interior	Stairs to Bsmt	Wall		Wood	C	UC	Deteriorated	0.2 mg/cm²	Action Level (1.0)
91	Negative	Off	Interior	Stairs to Bsmt	Ceiling		Wood	C		Deteriorated	0.3 mg/cm²	Action Level (1.0)
92	Positive	Off	Interior	Stairs to Bsmt	Wall		Wood	B	UL	Deteriorated	1.6 mg/cm²	Action Level (1.0)
93	Negative	Off	Interior	Stairs to Bsmt	Wall		Brick	B	LL	Deteriorated	0.0 mg/cm²	Action Level (1.0)
94	Negative	Off	Interior	Basement	Wall		Stone	C	LL	Deteriorated	0.3 mg/cm²	Action Level (1.0)
95	Negative	Off	Interior	Basement	Wall		Stone	D	LC	Deteriorated	0.3 mg/cm²	Action Level (1.0)
96	Negative	Off	Interior	Basement	Wall		Concrete	B	LR	Deteriorated	0.1 mg/cm²	Action Level (1.0)

Detailed Lead Based Paint Inspection

Inspection Date: 5/1/2025 - 5/1/2025
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Unit Started: 05/01/2025 09:33:55
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Inspection Site: Vacant House
15300 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-->RoomChoice	Structure	-->Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
97	Negative	Off	Interior	Basement	Wall		Concrete	A	LC	Deteriorated	0.2 mg/cm²	Action Level (1.0)
98	Negative	Off	Interior	Basement	Cabinet		Concrete	B	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
99	Negative	Off	Interior	Basement	Support	Column	Concrete	B	Center	Deteriorated	0.1 mg/cm²	Action Level (1.0)
100	Negative	Off	Interior	Basement	Chimney		Concrete	B	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
101	Negative	Off	Interior	Basement	Door	Jamb	Wood	B	Right	Deteriorated	0.0 mg/cm²	Action Level (1.0)
102	Positive	Off	Interior	Basement	Window	Sash	Wood	B	Left	Deteriorated	1.4 mg/cm²	Action Level (1.0)
103	Negative	Off	Interior	2 Hallway	Window	Sill	Wood	B	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
104	Negative	Off	Interior	2 Hallway	Window	Casing	Wood	B	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
105	Negative	Off	Interior	2 Hallway	Baseboard		Wood	A	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
106	Negative	Off	Interior	2 Hallway	Door	Jamb	Wood	A	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
107	Negative	Off	Interior	2 Hallway	Door	Panel	Wood	A	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
108	Negative	Off	Interior	2 SE Bedroom	Door	Panel	Wood	C	Right	Deteriorated	0.0 mg/cm²	Action Level (1.0)

Detailed Lead Based Paint Inspection

Inspection Date: 5/1/2025 - 5/1/2025
Action Level: 1.0 (mg/cm²)
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Unit Started: 05/01/2025 09:33:55
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Inspection Site: Vacant House
15300 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-->RoomChoice	Structure	-->Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
109	Negative	Off	Interior	2 SE Bedroom	Door	Jamb	Wood	C	Right	Deteriorated	0.0 mg/cm²	Action Level (1.0)
110	Negative	Off	Interior	2 SE Bedroom	Baseboard		Wood	A	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
111	Negative	Off	Interior	2 SE Bedroom	Window	Sill	Wood	A	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
112	Negative	Off	Interior	2 SE Bedroom	Window	Casing	Wood	A	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
113	Negative	Off	Interior	2 SE Bedroom	Wall		Plaster	B	LC	Deteriorated	0.2 mg/cm²	Action Level (1.0)
114	Negative	Off	Interior	2 SE Bedroom	Wall		Plaster	D	LC	Deteriorated	0.2 mg/cm²	Action Level (1.0)
115	Negative	Off	Interior	2 SE Bedroom	Wall		Drywall	C	LL	Deteriorated	0.3 mg/cm²	Action Level (1.0)
116	Negative	Off	Interior	2 SE Bedroom	Ceiling		Drywall	C		Deteriorated	0.3 mg/cm²	Action Level (1.0)
117	Negative	Off	Interior	2 South Bedroom	Ceiling		Drywall	B		Deteriorated	0.0 mg/cm²	Action Level (1.0)
118	Negative	Off	Interior	2 South Bedroom	Wall		Drywall	B	LC	Deteriorated	0.0 mg/cm²	Action Level (1.0)
119	Negative	Off	Interior	2 South Bedroom	Wall		Drywall	C	LC	Deteriorated	0.2 mg/cm²	Action Level (1.0)
120	Negative	Off	Interior	2 South Bedroom	Closet	Wall	Plaster	D	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)

Detailed Lead Based Paint Inspection

Inspection Date: 5/1/2025 - 5/1/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 173
Unit Started: 05/01/2025 09:33:55
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Inspection Site: Vacant House
15300 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-->RoomChoice	Structure	-->Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
121	Negative	Off	Interior	2 South Bedroom	Window	Sill	Wood	B	Right	Deteriorated	0.1 mg/cm²	Action Level (1.0)
122	Negative	Off	Interior	2 South Bedroom	Baseboard		Wood	A	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
123	Negative	Off	Interior	2 South Bedroom	Door	Jamb	Wood	A	Left	Deteriorated	0.1 mg/cm²	Action Level (1.0)
124	Negative	Off	Interior	2 South Bedroom	Door	Panel	Wood	A	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
125	Negative	Off	Interior	2 Bathroom	Door	Panel	Wood	D	Right	Deteriorated	0.1 mg/cm²	Action Level (1.0)
126	Negative	Off	Interior	2 Bathroom	Door	Jamb	Wood	D	Right	Deteriorated	0.0 mg/cm²	Action Level (1.0)
127	Negative	Off	Interior	2 Bathroom	Baseboard		Wood	C	Center	Deteriorated	0.1 mg/cm²	Action Level (1.0)
128	Negative	Off	Interior	2 Bathroom	Cabinet		Wood	C	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
129	Negative	Off	Interior	2 Bathroom	Ceiling		Drywall	C		Deteriorated	0.1 mg/cm²	Action Level (1.0)
130	Negative	Off	Interior	2 Bathroom	Wall		Drywall	C	UC	Deteriorated	0.1 mg/cm²	Action Level (1.0)
131	Negative	Off	Interior	2 Bathroom	Wall		Drywall	A	UC	Deteriorated	0.0 mg/cm²	Action Level (1.0)
132	Negative	Off	Interior	2 Bathroom	Wall		Wood	A	UC	Deteriorated	0.2 mg/cm²	Action Level (1.0)

Detailed Lead Based Paint Inspection

Inspection Date: 5/1/2025 - 5/1/2025
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Inspection Site: Vacant House
15300 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-- >RoomChoice	Structure	-- >Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
133	Negative	Off	Interior	Stairs to Bsmt	Window	Sash	Wood	C	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
134	Negative	Off	Interior	Stairs to Bsmt	Wall		Drywall	C	UC	Deteriorated	0.2 mg/cm²	Action Level (1.0)
135	Positive	Off	Exterior	House	Window Sill		Woodl	C	Center	Deteriorated	6.4 mg/cm²	Action Level (1.0)
136	Positive	Off	Exterior	Stairs to Bsmt	Window Sash		Wood	C		Deteriorated	6.2 mg/cm²	Action Level (1.0)
137	Negative	Off	Interior	Stairs to Bsmt	Wall		Drywall	B	Center	Deteriorated	0.1 mg/cm²	Action Level (1.0)
138	Negative	Off	Interior	Stairs to Bsmt	Ceiling		Drywall	B		Deteriorated	0.1 mg/cm²	Action Level (1.0)
139	Negative	Off	Interior	Stairs to Bsmt	Floor		Wood	A		Deteriorated	0.0 mg/cm²	Action Level (1.0)
140	Negative	Off	Interior	Stairs to Bsmt	Door	Panel	Wood	A	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
141	Negative	Off	Interior	2 Kitchen	Door	Panel	Wood	C	Left	Deteriorated	0.1 mg/cm²	Action Level (1.0)
142	Negative	Off	Interior	2 Kitchen	Cabinet		Wood	C	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
143	Negative	Off	Interior	2 Kitchen	Baseboard		Wood	C	Right	Deteriorated	0.0 mg/cm²	Action Level (1.0)
144	Negative	Off	Interior	2 Kitchen	Window	Sill	Wood	C	Right	Deteriorated	0.0 mg/cm²	Action Level (1.0)

Detailed Lead Based Paint Inspection

Inspection Date: 5/1/2025 - 5/1/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 173
Unit Started: 05/01/2025 09:33:55
Unit Ended: 05/01/2025 11:12:00

Inspection Site: Vacant House
15300 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-->RoomChoice	Structure	-->Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
145	Negative	Off	Interior	2 Kitchen	Window	Casing	Wood	C	Right	Deteriorated	0.1 mg/cm²	Action Level (1.0)
146	Negative	Off	Interior	2 Kitchen	Crown Mold		Wood	C	Right	Deteriorated	0.0 mg/cm²	Action Level (1.0)
147	Negative	Off	Interior	2 Kitchen	Ceiling		Wood	C		Deteriorated	0.2 mg/cm²	Action Level (1.0)
148	Negative	Off	Interior	2 Kitchen	Wall		Wood	C	UL	Deteriorated	0.0 mg/cm²	Action Level (1.0)
149	Negative	Off	Interior	2 Kitchen	Wall		Wood	A	UL	Deteriorated	0.1 mg/cm²	Action Level (1.0)
150	Negative	Off	Interior	2 Living Room	Wall		Wood	B	UL	Deteriorated	0.0 mg/cm²	Action Level (1.0)
151	Negative	Off	Interior	2 Living Room	Wall		Wood	D	UL	Deteriorated	0.0 mg/cm²	Action Level (1.0)
152	Negative	Off	Interior	2 Living Room	Floor		Wood	D		Deteriorated	0.0 mg/cm²	Action Level (1.0)
153	Negative	Off	Interior	2 Living Room	Window	Sill	Wood	D	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
154	Negative	Off	Interior	2 Living Room	Window	Casing	Wood	D	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
155	Negative	Off	Interior	2 Living Room	Baseboard		Wood	B	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
156	Negative	Off	Interior	2 Living Room	Door	Panel	Wood	B	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)

Detailed Lead Based Paint Inspection

Inspection Date: 5/1/2025 - 5/1/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 173
Unit Started: 05/01/2025 09:33:55
Unit Ended: 05/01/2025 11:12:00

Inspection Site: Vacant House
15300 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-->RoomChoice	Structure	-->Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
157	Negative	Off	Interior	2 Living Room	Door	Jamb	Wood	B	Center	Deteriorated	0.1 mg/cm²	Action Level (1.0)
158	Negative	Off	Interior	2 Living Room	Closet	Wall	Plaster	B	Center	Deteriorated	0.2 mg/cm²	Action Level (1.0)
159	Negative	Off	Interior	2 Living Room	Crown Mold		Wood	B	Center	Deteriorated	0.2 mg/cm²	Action Level (1.0)
160	Negative	Off	Interior	2 NE Bedroom	Baseboard		Wood	D	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
161	Negative	Off	Interior	2 NE Bedroom	Window	Sill	Wood	D	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
162	Negative	Off	Interior	2 NE Bedroom	Window	Casing	Wood	D	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
163	Negative	Off	Interior	2 NE Bedroom	Door	Jamb	Wood	C	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
164	Negative	Off	Interior	2 NE Bedroom	Door	Panel	Wood	C	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
165	Negative	Off	Interior	2 NE Bedroom	Wall		Drywall	C	LC	Deteriorated	0.1 mg/cm²	Action Level (1.0)
166	Negative	Off	Interior	2 NE Bedroom	Wall		Drywall	B	LL	Deteriorated	0.2 mg/cm²	Action Level (1.0)
167	Negative	Off	Interior	2 NE Bedroom	Ceiling		Drywall	B		Deteriorated	0.2 mg/cm²	Action Level (1.0)
168 (CAL)		Off	Calibration								1.0 mg/cm²	Action Level (1.0)

A 3 E

Detailed Lead Based Paint Inspection

Inspection Date: 5/1/2025 - 5/1/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 173
Unit Started: 05/01/2025 09:33:55
Unit Ended: 05/01/2025 11:12:00

Inspection Site: Vacant House
15300 Myrtle Avenue
Harvey, IL 60426

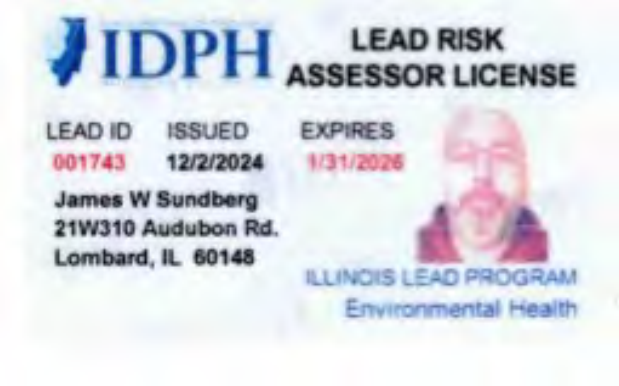
Read #	Result	RTA Present	Room	-- >RoomChoice	Structure	-- >Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
169 (CAL)		Off	Calibration								1.0 mg/cm²	Action Level (1.0)
170 (CAL)		Off	Calibration								0.9 mg/cm²	Action Level (1.0)
171 (CAL)		Off	Calibration								0.0 mg/cm²	Action Level (1.0)
172 (CAL)		Off	Calibration								0.1 mg/cm²	Action Level (1.0)
173 (CAL)		Off	Calibration								0.0 mg/cm²	Action Level (1.0)

------ END OF READINGS ------

A 3 E

IDPH INSPECTOR/RISK ASSESSOR'S LICENSE

Upcoming Demolition Areas - House
15300 South Myrtle Avenue, Harvey, IL 60426



XRF PERFORMANCE CHARACTERISTIC SHEETS

Performance Characteristic Sheet

EFFECTIVE DATE: **December 1, 2015**

MANUFACTURER AND MODEL:

Make: ***Heuresis***
Models: ***Model Pb200i***
Source: ***^{57}Co, 5 mCi (nominal – new source)***

FIELD OPERATION GUIDANCE

OPERATING PARAMETERS:

Action Level mode

XRF CALIBRATION CHECK LIMITS:

0.8 to 1.2 mg/cm^2 (inclusive)

SUBSTRATE CORRECTION:

Not applicable

INCONCLUSIVE RANGE OR THRESHOLD:

ACTION LEVEL MODE READING DESCRIPTION	SUBSTRATE	THRESHOLD (mg/cm^2)
Results not corrected for substrate bias on any substrate	Brick Concrete Drywall Metal Plaster Wood	1.0 1.0 1.0 1.0 1.0 1.0

BACKGROUND INFORMATION

EVALUATION DATA SOURCE AND DATE:

This sheet is supplemental information to be used in conjunction with Chapter 7 of the HUD *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing* ("HUD Guidelines"). Performance parameters shown on this sheet are calculated using test results on building components in the HUD archive. Testing was conducted on 146 test samples in November 2015, with two separate instruments running software version 2.1-2 in Action Level test mode. The actual source strength of each instrument on the day of testing was approximately 2.0 mCi; source ages were approximately one year.

OPERATING PARAMETERS

Performance parameters shown in this sheet are applicable only when properly operating the instrument using the manufacturer's instructions and procedures described in Chapter 7 of the HUD Guidelines.

XRF CALIBRATION CHECK:

The calibration of the XRF instrument should be checked using the paint film nearest 1.0 mg/cm^2 in the NIST Standard Reference Material (SRM) used (e.g., for NIST SRM 2579, use the 1.02 mg/cm^2 film).

If the average (rounded to 1 decimal place) of three readings is outside the acceptable calibration check range, follow the manufacturer's instructions to bring the instrument into control before XRF testing proceeds.

SUBSTRATE CORRECTION VALUE COMPUTATION:

Chapter 7 of the HUD Guidelines provides guidance on correcting XRF results for substrate bias. Supplemental guidance for using the paint film nearest 1.0 mg/cm^2 for substrate correction is provided:

XRF results are corrected for substrate bias by subtracting from each XRF result a correction value determined separately in each house for single-family housing or in each development for multifamily housing, for each substrate. The correction value is an average of XRF readings taken over the NIST SRM paint film nearest to 1.0 mg/cm^2 at test locations that have been scraped bare of their paint covering. Compute the correction values as follows:

> Using the same XRF instrument, take three readings on a bare substrate area covered with the NIST SRM paint film nearest 1 mg/cm^2. Repeat this procedure by taking three more readings on a second bare substrate area of the same substrate covered with the NIST SRM.
>
> Compute the correction value for each substrate type where XRF readings indicate substrate correction is needed by computing the average of all six readings as shown below.
>
> <u>For each substrate type</u> (the 1.02 mg/cm^2 NIST SRM is shown in this example; use the actual lead loading of the NIST SRM used for substrate correction):
>
> Correction value = (1st + 2nd + 3rd + 4th + 5th + 6th *Reading*)/6 - 1.02 mg/cm^2
>
> Repeat this procedure for each substrate requiring substrate correction in the house or housing development.

EVALUATING THE QUALITY OF XRF TESTING:

Randomly select ten testing combinations for retesting from each house or from two randomly selected units in multifamily housing.

Conduct XRF re-testing at the ten testing combinations selected for retesting.

Determine if the XRF testing in the units or house passed or failed the test by applying the steps below. Compute the Retest Tolerance Limit by the following steps:

Determine XRF results for the original and retest XRF readings. Do not correct the original or retest results for substrate bias. In single-family and multi-family housing, a result is defined as a single reading. Therefore, there will be ten original and ten retest XRF results for each house or for the two selected units.

Calculate the average of the original XRF result and the retest XRF result for each testing combination.

Square the average for each testing combination.

Add the ten squared averages together. Call this quantity C.

Multiply the number C by 0.0072. Call this quantity D.

Add the number 0.032 to D. Call this quantity E.

Take the square root of E. Call this quantity F.

Multiply F by 1.645. The result is the Retest Tolerance Limit.

Compute the average of all ten original XRF readings.

Compute the average of all ten re-test XRF readings.

Find the absolute difference of the two averages.

If the difference is less than the Retest Tolerance Limit, the inspection has passed the retest. If the difference of the overall averages equals or exceeds the Retest Tolerance Limit, this procedure should be repeated with ten new testing combinations. If the difference of the overall averages is equal to or greater than the Retest Tolerance Limit a second time, then the inspection should be considered deficient.

Use of this procedure is estimated to produce a spurious result approximately 1% of the time. That is, results of this procedure will call for further examination when no examination is warranted in approximately 1 out of 100 dwelling units tested.

TESTING TIMES:

In the Action Level paint test mode, the instrument takes the longest time to complete readings close to the Federal standard of 1.0 mg/cm^2. The table below shows the mean and standard deviation of actual reading times by reading level for paint samples during the November 2015 archive testing. The tested instruments reported readings to one decimal place. No significant differences in reading times by substrate were observed. These times apply only to instruments with the same source strength as those tested (2.0 mCi). Instruments with stronger sources will have shorter reading times and those with weaker sources, longer reading times, than those in the table.

Mean and Standard Deviation of Reading Times in Action Level Mode by Reading Level		
Reading (mg/cm^2)	**Mean Reading Time (seconds)**	**Standard Deviation (seconds)**
< 0.7	3.48	0.47
0.7	7.29	1.92
0.8	13.95	1.78
0.9 – 1.2	15.25	0.66
1.3 – 1.4	6.08	2.50
≥ 1.5	3.32	0.05

CLASSIFICATION OF RESULTS:

XRF results are classified as **positive** if they are **greater than or equal** to the stated threshold for the instrument (1.0 mg/cm^2), and *negative* if they are *less than* the threshold.

DOCUMENTATION:

A report titled *Methodology for XRF Performance Characteristic Sheets* (EPA 747-R-95-008) provides an explanation of the statistical methodology used to construct the data in the sheets, and provides empirical results from using the recommended inconclusive ranges or thresholds for specific XRF instruments. The report may be downloaded at http://www2.epa.gov/lead/methodology-xrf-performance-characteristic-sheets-epa-747-r-95-008-september-1997.

This XRF Performance Characteristic Sheet (PCS) was developed by QuanTech, Inc., under a contract with the XRF manufacturer.

Upcoming Demolition Areas - House
15300 South Myrtle Avenue, Harvey, IL 60426

PHOTOGRAPH DOCUMENTATION OF COMPONENTS WITH LEAD BASED PAINT

Upcoming Demolition Areas - House
15300 South Myrtle Avenue, Harvey, IL 60426

	
Exterior Front Porch. Wood Support Columns and Ceiling with Deteriorated Lead Based Paint (LBP).	**Exterior House. Asphalt shingles under vinyl siding.**
	
Exterior House. Back Yard with no Garage.	**Exterior House. Asphalt shingles under vinyl siding.**
	
Interior Stairs to Basement. Wood Walls, Stair Risers, and Baseboards with Deteriorated LBP.	**Interior Stairs to Basement. Wood Walls, Stair Risers, and Baseboards with Deteriorated LBP.**

Upcoming Demolition Areas - House
15300 South Myrtle Avenue, Harvey, IL 60426

	
Exterior House and Interior Basement. Wood Window Components with Deteriorated LBP.	**Exterior House. Wood Window Components with Deteriorated LBP.**

Carnow, Conibear & Assoc., Ltd.
Environmental Consulting Services
600 West Van Buren St., Suite 500, Chicago, IL 60607
t: 312.782.4486 f: 312.782.5145
www.ccaltd.com

CARNOW CONIBEAR

Pre-Demolition Asbestos-Containing Material, Lead-Based Paint, and Hazardous Materials Survey Report

Site: **15302 S. Myrtle Drive**
Harvey, IL 60426

Survey Date: **December 2, 2025**
Project No.: **A163440003**



Prepared For: Tetra Tech, Inc.

Issue Date: December, 2025
Carnow Conibear Project Number: A163440003

Carnow, Conibear & Assoc., Ltd.
Environmental Consulting Services
600 West Van Buren St., Suite 500, Chicago, IL 60607
t: 312.782.4486 f: 312.782.5145
www.ccaltd.com

CARNOW CONIBEAR

Pre-Demolition Asbestos-Containing Material, Lead-Based Paint, and Hazardous Materials Survey Report

Site: **15302 S. Myrtle Drive**
Harvey, IL 60426

Survey Date: **December 3, 2025**
Project No.: **A163440003**

Field Work By:

Jose Escobedo
Asbestos Building Inspector

Field Work By:

Fernando Rea
Lead Risk Assessor

Report Prepared By:

Denise Vargas
Industrial Hygiene Technician

Report Reviewed By:

Dylan Gerhart, P.E., C.I.H., C.S.P.
Senior Project Engineer

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Appendix B Asbestos Laboratory Report and Chain of Custody Documentation
Appendix C Photographic Documentation

CARNOW CONIBEAR

1.0 EXECUTIVE SUMMARY

Carnow, Conibear & Assoc., Ltd. (Carnow Conibear) was retained by Tetra Tech, Inc. (Tetra Tech) to perform a limited survey for asbestos-containing materials, lead-based paint, and hazardous materials at the residential property located at 15302 S. Myrtle Avenue in Harvey, Illinois. The overall purpose of the survey was to provide required abatement information in anticipation of demolition of onsite structure(s).

Asbestos-Containing Materials

The asbestos survey was conducted in phases. The first phase involved a visual inspection of unoccupied rooms to identify accessible suspect asbestos-containing materials. The next phase included collecting representative samples from these accessible suspect materials, followed by laboratory analysis to determine the presence of asbestos. The samples were analyzed by an accredited laboratory.

Lead-Based Paint

The objective of the lead-based paint survey was to identify painted building components thought to be impacted to determine the existence, condition, and location of lead-based paint as defined by HUD.

Carnow Conibear was unable to conduct the lead-based paint survey due to inaccessibility of the property.

Hazardous Materials

The hazardous materials survey consisted of visually inspecting the subject site to determine the presence and location of polychlorinated-biphenyl (PCB) containing equipment and materials (lighting ballasts), and mercury-containing equipment and materials (Fluorescent Bulbs, Safety Switches, Switch Boards and Exit Signs), radioactive material-containing units (Carbon monoxide detector) and other hazardous chemical wastes, including chlorofluorocarbon (CFCs) containing units. Sampling was not part of the scope of work of the survey. Assumptions about the presence of these hazardous materials are based on historical usage.

Carnow Conibear was unable to conduct the hazardous waste survey due to inaccessibility of the property.

2.0 INTRODUCTION

Carnow, Conibear & Assoc., Ltd. (Carnow Conibear) was retained by Tetra Tech to perform a Pre-Demolition survey for asbestos-containing materials, lead-based paint, and hazardous materials at the two properties located at 15302 S. Myrtle Drive, Harvey, Illinois. The survey was conducted on December 3, 2025, by Carnow Conibear representative Mr. Jose Escobedo. Mr. Escobedo is an Illinois Department of Public Health (IDPH) licensed asbestos building inspector and lead inspector/risk assessor. See **Appendix A** for a copy of the current licenses and accreditations.

2.1 Objectives

2.1.1 Asbestos-Containing Material Survey

The purpose of the asbestos survey was to identify the location of accessible asbestos-containing materials (ACM). To achieve this purpose, the following procedures were performed:

- Visual Inspection – to determine the location of suspect materials.
- Sample Collection – to determine asbestos content and material condition
- Laboratory Analysis – analysis of samples by an accredited laboratory.
- Reporting – to prepare a summary report documenting the inspection findings and providing recommendations as warranted.

2.1.2 Lead-Based Paint Survey

The objective of the lead-based paint survey was to identify painted building components through to be impacted to determine the existence, condition, and location of lead-based paint as defined by HUD. To achieve this objective, the following procedures were performed:

- Visual Inspection - to determine location of painted surfaces
- Sampling – lead-based paint sampling to determine the presence of these constituents
- Reporting – to prepare a summary report documenting the inspection findings.

2.2.3 Hazardous Materials Survey

The objective of the hazardous material survey was to determine the presence of PCB's, mercury containing equipment, radiological equipment, medical waste, and any other chemicals that could present health hazards to site workers and/or require special disposal. To achieve this objective, the following procedures were performed:

- Visual Inspection – to determine the presence, quantity, and location.
- Reporting – to prepare a summary documenting the inspection findings and providing recommendations as warranted.

The quantities provided in this report only represent the materials found on the day of the survey. Additional chemicals and equipment may have been brought onto the property after the date of the survey or consumed and/or disposed prior to the report issue date.

3.0 SITE INSPECTION

3.1 Asbestos-Containing Material Survey

3.1.1 Historical Document Review

No asbestos-related documents were provided for review to gain an understanding of previous asbestos activities.

3.1.2 Asbestos Survey Methodology

The asbestos survey was conducted in phases. The first phase of the survey included a walkthrough inspection of the subject site to identify homogeneous materials (materials which are uniform in composition throughout) and to assess material conditions. The next phase consisted of collecting representative bulk samples from the suspected asbestos-containing materials. Materials may have been assumed to contain asbestos due to inaccessibility of the room or area where the materials were located or sampling of the material would damage or compromise the integrity of the building component and may render it inoperable.

3.1.3 Suspect Asbestos-Containing Material Sample Collection

Carnow Conibear collected a total of sixty-seven (67) samples from the suspected asbestos-containing materials. All bulk samples were collected based on methods described in USEPA guidelines. The samples were collected and stored in sample bags with a unique sample identification number prior to delivery to EMSL Analytical, Inc. (EMSL) in Hillside, Illinois for analysis. A chain of custody (COC) form was signed and dated by the inspector, the delivering representative, and the laboratory representative who received the samples.

3.1.4 Asbestos Sample Analysis

The samples collected during the field activities were submitted to EMSL for laboratory analysis. EMSL is accredited for bulk asbestos fiber analysis by the National Voluntary Laboratory Accreditation Program (NVLAP) through the National Institute of Standards and Technology (NIST). EMSL utilized dispersion staining and polarized light microscopy (PLM) techniques for analyzing the samples consistent with National Institute for Occupational Safety and Health (NIOSH) methods. PLM is the EPA's recognized method for determining bulk asbestos content. See **Appendix B** for the bulk sample laboratory report and chain of custody documentation. Photographs are contained in **Appendix C**.

Tables I and II present a summary of the results of the bulk sample analysis and material locations.

Table I: Summary of Asbestos-Containing Materials Survey Results
Polarized Light Microscopy

SAMPLE ID	MATERIAL DESCRIPTION	MATERIAL LOCATION	LABORATORY RESULT (PLM)	FRIABLE OR NON-FRIABLE	NESHAP TYPE
JE120325-01	Plaster Ceiling	1st Floor	No Asbestos Detected	NA	NA
JE120325-02 thru 03	Plaster Wall	1st Floor	No Asbestos Detected	NA	NA

SAMPLE ID	MATERIAL DESCRIPTION	MATERIAL LOCATION	LABORATORY RESULT (PLM)	FRIABLE OR NON-FRIABLE	NESHAP TYPE
JE120325-04	Drywall Ceiling	1st Floor	No Asbestos Detected	NA	NA
JE120325-05 thru 06	Drywall Wall	1st Floor	No Asbestos Detected	NA	NA
JE120325-07 thru 09	Vinyl Floor Tile 12”x12” Brown	1st Floor	No Asbestos Detected	NA	NA
JE120325-10 thru 12	Associated Adhesive of Vinyl Floor Tile 12”x12” Brown	1st Floor	No Asbestos Detected	NA	NA
JE120325-13 thru 15	Attic Insulation	1st Floor	No Asbestos Detected	NA	NA
JE120325-16 thru 18	Glue Puck Ceiling	1st Floor	No Asbestos Detected	NA	NA
JE120325-19 thru 21	Floating FLR Beige	1st Floor	No Asbestos Detected	NA	NA
JE120325-01	Plaster Ceiling	1st Floor	No Asbestos Detected	NA	NA
JE120325-02 thru 03	Plaster Wall	1st Floor	No Asbestos Detected	NA	NA
JE120325-04	Drywall Ceiling	1st Floor	No Asbestos Detected	NA	NA
JE120325-05 thru 06	Drywall Wall	1st Floor	No Asbestos Detected	NA	NA
JE120325-07 thru 09	Vinyl Floor Tile 12”x12” Brown	1st Floor	No Asbestos Detected	NA	NA
JE120325-10 thru 12	Associated Adhesive of Vinyl Floor Tile 12”x12” Brown	1st Floor	No Asbestos Detected	NA	NA
JE120325-13 thru 15	Attic Insulation	1st Floor	No Asbestos Detected	NA	NA
JE120325-16 thru 18	Glue Puck Ceiling	1st Floor	No Asbestos Detected	NA	NA
JE120325-19 thru 21	Floating FLR Beige	1st Floor	No Asbestos Detected	NA	NA

IDPH and EPA define an asbestos-containing material (ACM) as any material containing greater than one percent (>1%) asbestos. Locations and quantities are provided for reference only. Estimated quantities should not be used for bidding purposes. Abatement contractor must field verify estimated quantities. Materials may exist in other areas not noted. **Bold** indicates asbestos-containing material.

Category I nonfriable asbestos-containing material (ACM) means asbestos-containing packings, gaskets, resilient floor covering, and asphalt roofing products containing more than one percent asbestos as determined using the Polarized Light Microscopy method.

Category II nonfriable ACM means any material, exc1uding Category I nonfriable ACM, containing more than one percent asbestos as determined using the Polarized Light Microscopy method

Friable means when dry, a material cannot be crumbled, pulverized, or reduced to powder by hand pressure.

Table II: Summary of Asbestos-Containing Materials Survey Results Transmission Electron Microscopy

SAMPLE ID	MATERIAL DESCRIPTION	MATERIAL LOCATION	LABORATORY RESULT (TEM)	COMMENTS
JE120325-07	12” x 12” Green Vinyl Floor Tile	Kitchen	No Asbestos Detected	

3.2 Lead-Based Paint Survey

Lead is a heavy metal that can cause health effects from human exposure. Lead is commonly found in industrial paints and coatings. However, beginning in 1978, lead use in consumer paints was restricted. In particular, the U.S. Consumer Products Safety Commission restricted the amount of lead to no more than 0.06 per cent by weight. This value is equivalent to 600 parts per million (ppm) of lead. *Lead-based paint* is defined by the US Department of Housing and Urban Development (HUD) as paint or other surface coatings that contain lead equal to or greater than 5000 parts per million (ppm), 5000 milligrams per Kilogram (mg/Kg), or 0.5 percent by weight. Surface coatings include paint, shellac, varnish, or any other coating, including wallpaper which covers painted surfaces.

3.2.1 Suspect Lead-Based Paint Sample Collection

The lead-based paint survey consisted of visually inspecting the painted survey areas to determine representative paint histories and to collect random samples utilizing an X-ray fluorescence (XRF) spectrum analyzer. The lead-based paint testing was limited to major building components and locations with damaged or peeling paint only. Sampling of suspect lead-based paint (LBP) components and/or surfaces was conducted following the U.S. Department of Housing and Urban Development (HUD) guidelines of June 1995 for single family housing, Chapter 7, Lead Based Paint Inspection, 2012 Revision, and the EPA and HUD's Performance Characteristics Sheet for the RMD LPA-1 XRF lead paint analysis system. There may be materials that were not identified, because they were located in inaccessible areas and not available at the time of inspection.

3.2.2 Lead-Based Paint Survey Methodology

Sampling of visible and accessible suspect lead-based painted components and/or surfaces was conducted following protocol similar to the U.S. Department of Housing and Urban Development (HUD) guidelines of June 1995 for single family housing, Chapter 7: Lead-Based Paint Inspection 2012 Revision. These guidelines apply to residential properties. The lead-based paint testing was limited to major building components and locations with damaged or peeling paint only. There may be materials that were not identified, because they were located in inaccessible areas and not available at the time of inspection.

The inspector categorized components in poor condition if the paint damage was greater than three square feet (3 ft^2). Components were categorized in fair condition when paint damage was less than three square feet (3 ft^2). Components in an intact condition represent no visible paint damage. Visual assessments noting the condition of suspect materials described in this report are representative of those conditions present at the time of the survey.

Table III identifies the lead painted components and/or surfaces which were included in the survey scope.

Table III: Summary of Confirmed Lead-Based Paint Survey Results

MATERIAL LOCATION	COMPONENT	SUBSTRATE	COLOR	RESULT (mg/cm^2)
Carnow Conibear was unable to conduct the lead-based paint survey due to inaccessibility of the property. Assume all paint is LBP.				

3.3 Hazardous Materials Survey

3.3.1 Hazardous Material Survey

The survey consisted of a visual inspection to determine the location and quantity of hazardous and potentially hazardous materials that may require special disposal considerations. The entire subject property was vacant and there were no access restrictions.

3.3.2 Hazardous Material Survey Methodology

Table IV identifies the materials found in this building and approximate quantities of the materials. The hazardous material survey consisted of visually inspecting the subject property to determine the presence and location of polychlorinated-biphenyl (PCB) containing equipment and materials (lighting ballasts), and mercury-containing equipment and materials (Fluorescent Bulbs, Safety Switches, Switch Boards and Exit Signs), and other potentially hazardous chemicals found within the building. Sampling and analysis of PCBs, mercury, etc., was not part of the scope of work of the survey. Materials were classified as hazardous based on historical usage. Hazardous materials identified during the survey are summarized in **Table IV**.

Table IV: Summary of Hazardous Material Survey Results

Category	Item	Quantity	Units	Location	Comment
Carnow Conibear was unable to conduct the hazardous waste survey due to inaccessibility of the property. Assume the presence of Hazardous Materials on the property.					

4.0 CONCLUSIONS AND RECOMMENDATIONS

Carnow Conibear was retained by Tetra Tech to perform a survey for asbestos-containing material, lead-based paint, and hazardous materials at the residential property located at 15302 S. Myrtle Avenue in Harvey, Illinois.

Based on the survey results, Carnow Conibear offers the following conclusions and recommendations:

- Results of the asbestos-containing material survey confirm that no asbestos-containing materials were identified at the subject site.
- Any newly discovered materials should be assumed to contain asbestos or must be sampled prior to any future demolition work.
- Carnow Conibear was unable to conduct the lead-based paint survey due to inaccessibility of the property. Assume all paint is LBP.
- Carnow Conibear was unable to conduct the hazardous waste survey due to inaccessibility of the property. Assume the presence of Hazardous Materials on the property.
- Incorporate the data from this report into future demolition documents regarding the presence of asbestos-containing materials, lead-based paint, and hazardous materials, as applicable.
- All future hazardous material removal and/or demolition work shall be conducted by a licensed contractor in accordance with all applicable local, state, and federal regulations.
- Prior to demolition; remove, dispose, and/or recycle all regulated universal, special and/or hazardous waste materials as identified in this report.
- Document all environmental work activities and retain records.

Carnow Conibear has applied prevailing industry standards and reasonable judgment and effort within the scope of work outlined in Carnow Conibear's proposal, while conducting the asbestos-containing material and lead-based paint survey. The standards, judgment, and effort used by Carnow Conibear personnel to investigate, assess, and determine the presence of potential environmental hazards and liabilities associated with the subject building are consistent with requirements outlined in federal and state guidelines. Carnow Conibear makes no warranty, express or implied, that the findings and interpretations in this report are a complete representation of hazards and liabilities, associated with the building. Findings presented in this report are only indicative of conditions present during the time of the investigation and cannot be used to predict potential future or previous health effects on building occupants. The services performed by Carnow Conibear on this project have been conducted in a professional manner consistent with industry standards at the time of testing. There may be materials that were not identified, because they were located in inaccessible areas and not available at the time of inspection. Carnow Conibear made every reasonable effort to locate mechanical systems and other inconspicuous materials.

The information contained in this report was prepared based upon specific test parameters requested by the Client. and regulations in force at the time of the report. The information herein is only for the specific use of the Client and Carnow Conibear. Carnow Conibear accepts no responsibility for the use, reuse, interpretation, or reliance by other parties on the information contained herein, unless written authorization has been obtained from Carnow Conibear. Carnow Conibear bears no responsibility for the implementation of recommendations included in this report unless specifically requested to do so by the Client

APPENDICES

Appendix A Current License and Certifications
Appendix B Asbestos Laboratory Report and Chain of Custody Documentation
Appendix C Photographic Documentation

APPENDIX A

Current Licenses and Certifications

IDPH

ILLINOIS DEPARTMENT OF PUBLIC HEALTH

525-535 West Jefferson Street · Springfield, Illinois 6

IDPH ASBESTOS PROFESSIONAL LICENSE

ID NUMBER	ISSUED	EXPIRES
100 - 06435	6/14/2025	05/15/2026

JOSE A ESCOBEDO
5715 BROADWAY ST
RICHMOND, IL 60071
Environmental Health



JOSE A ESCOBEDO
5715 BROADWAY ST
RICHMOND, IL 60071

6/14/2025

ASBESTOS PROFESSIONAL LICENSE ID NUMBER: 06435

Enclosed is your Asbestos Professional License. Please note the expiration date on the card and in the image depicted below.

COPY OF THE ASBESTOS PROFESSIONAL LICENSE

Front of License

IDPH

ASBESTOS PROFESSIONAL LICENSE

ID NUMBER	ISSUED	EXPIRES
100 - 06435	6/14/2025	05/15/2026

JOSE A ESCOBEDO
5715 BROADWAY ST
RICHMOND, IL 60071
Environmental Health



Back of License

ENDORSEMENTS	TC EXPIRES
SUPERVISOR/WORKER	1/11/2026
INSPECTOR	9/13/2025
PROJECT MANAGER	1/11/2026
AIR SAMPLING PROFESSIONAL	

Alteration of this license shall result in legal action
This license issued under authority of the State of Illinois Department of Public Health
This license is valid only when accompanied by a valid training course certificate.

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

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

PROTECTING HEALTH, IMPROVING LIVES
Nationally Accredited by PHAB

IDPH

LEAD RISK ASSESSOR LICENSE

LEAD ID	ISSUED	EXPIRES
1003874	4/9/2025	1/31/2026



Fernando J Rea
1044 W 18Th St
Chicago, IL 60608

ILLINOIS LEAD PROGRAM
Environmental Health

Alteration of this license shall result in legal action

RISK ASSESSOR CERTIFICATE EXPIRES

1/29/2028

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 found return to 525 W.Jefferson St Springfield, IL 62761

APPENDIX B

Asbestos Laboratory Report and Chain of Custody Documentation

EMSL Analytical, Inc.

4140 Litt Drive Hillside, IL 60162

Tel/Fax: (773) 313-0099 / (773) 313-0139

http://www.EMSL.com / chicagolab@emsl.com

EMSL Order:	262511572
Customer ID:	CARN81
Customer PO:	
Project ID:	

Attention:	Dylan Gerhart	**Phone:**	(312) 439-1268
	Carnow, Conibear, & Assoc. Ltd	**Fax:**	(312) 782-5145
	600 West Van Buren Street	**Received Date:**	12/04/2025 3:08 PM
	Suite 500	**Analysis Date:**	12/08/2025
	Chicago, IL 60607	**Collected Date:**	12/03/2025
Project:	A163440003		

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
JE120325-01-Drywall *262511572-0001*	1ST FLR - PLASTER CEILING	Brown/White Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
JE120325-01-Tape *262511572-0001A*	1ST FLR - PLASTER CEILING	White Fibrous Homogeneous	98% Cellulose	2% Non-fibrous (Other)	None Detected
JE120325-01-Joint Compound *262511572-0001B*	1ST FLR - PLASTER CEILING	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-02-Drywall *262511572-0002*	1ST FLR - PLASTER WALL	Brown/White Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
JE120325-02-Tape *262511572-0002A*	1ST FLR - PLASTER WALL	White Fibrous Homogeneous	98% Cellulose	2% Non-fibrous (Other)	None Detected
JE120325-02-Joint Compound *262511572-0002B*	1ST FLR - PLASTER WALL	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-03-Drywall *262511572-0003*	1ST FLR - PLASTER WALL	Brown/White Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
JE120325-03-Joint Compound *262511572-0003A*	1ST FLR - PLASTER WALL	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-04-Drywall *262511572-0004*	1ST FLR - DRYWALL CEILING	Brown/White Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
JE120325-04-Joint Compound *262511572-0004A*	1ST FLR - DRYWALL CEILING	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-05-Drywall *262511572-0005*	1ST FLR - DRYWALL WALL	Brown/White Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
JE120325-05-Joint Compound *262511572-0005A*	1ST FLR - DRYWALL WALL	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-06-Drywall *262511572-0006*	1ST FLR - DRYWALL WALL	Brown/White Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
JE120325-06-Joint Compound *262511572-0006A*	1ST FLR - DRYWALL WALL	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 12/08/2025 12:49:44

EMSL Analytical, Inc.
4140 Litt Drive Hillside, IL 60162
Tel/Fax: (773) 313-0099 / (773) 313-0139
http://www.EMSL.com / chicagolab@emsl.com

EMSL Order:	262511572
Customer ID:	CARN81
Customer PO:	
Project ID:	

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
JE120325-07 *262511572-0007*	1ST FLR - VINYL FLR TILE 12"X12" BROWN	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-08 *262511572-0008*	1ST FLR - VINYL FLR TILE 12"X12" BROWN	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-09 *262511572-0009*	1ST FLR - VINYL FLR TILE 12"X12" BROWN	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-10 *262511572-0010*	1ST FLR - ASSOCIATED ADHESIVE	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-11 *262511572-0011*	1ST FLR - ASSOCIATED ADHESIVE	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-12 *262511572-0012*	1ST FLR - ASSOCIATED ADHESIVE	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-13 *262511572-0013*	1ST FLR - ATTIC INSULATION	White Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected
JE120325-14 *262511572-0014*	1ST FLR - ATTIC INSULATION	White Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected
JE120325-15 *262511572-0015*	1ST FLR - ATTIC INSULATION	White Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected
JE120325-16 *262511572-0016*	1ST FLR - GLUE CEILING PUCK	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-17 *262511572-0017*	1ST FLR - GLUE CEILING PUCK	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-18 *262511572-0018*	1ST FLR - GLUE CEILING PUCK	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-19 *262511572-0019*	1ST FLR - FLOATING FLR BEIGE	Beige Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected
JE120325-20 *262511572-0020*	1ST FLR - FLOATING FLR BEIGE	Beige Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected
JE120325-21 *262511572-0021*	1ST FLR - FLOATING FLR BEIGE	Beige Fibrous Homogeneous	90% Cellulose	10% Non-fibrous (Other)	None Detected

Initial report from: 12/08/2025 12:49:44

EMSL Analytical, Inc.

4140 Litt Drive Hillside, IL 60162

Tel/Fax: (773) 313-0099 / (773) 313-0139

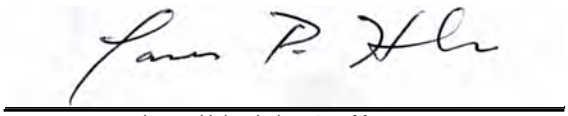
http://www.EMSL.com / chicagolab@emsl.com

EMSL Order:	262511572
Customer ID:	CARN81
Customer PO:	
Project ID:	

Analyst(s)

Rachelle Cullen-Reavill (20)

Shamya Pugh (9)



James Hahn, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 “Interim Method”) but augmented with procedures outlined in the 1993 (”final”) version of the method. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc. Hillside, IL NVLAP Lab Code 200399-0

Initial report from: 12/08/2025 12:49:44

EMSL Analytical, Inc.
4140 Litt Drive Hillside, IL 60162
Tel/Fax: (773) 313-0099 / (773) 313-0139
http://www.EMSL.com / chicagolab@emsl.com

EMSL Order: 262511572
Customer ID: CARN81
Customer PO:
Project ID:

Attention: Dylan Gerhart
Carnow, Conibear, & Assoc. Ltd
600 West Van Buren Street
Suite 500
Chicago, IL 60607
Project: A163440003

Phone: (312) 439-1268
Fax: (312) 782-5145
Received Date: 12/04/2025 3:08 PM
Analysis Date: 12/08/2025 - 12/10/2025
Collected Date: 12/03/2025

Test Report: Asbestos Analysis of Non-Friable Organically Bound Materials by TEM via EPA/600/R-93/116 Section 2.5.5.1

Sample ID	Description	Appearance	% Matrix Material	% Non-Asbestos Fibers	Asbestos Types
JE120325-07 *262511572-0007*	1ST FLR - VINYL FLR TILE 12"X12" BROWN	Brown Fibrous Heterogeneous	100.0 Other	None	No Asbestos Detected

Analyst(s)

James Hahn (1)

James Hahn, Laboratory Manager
or other approved signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. EMSL recommends that samples reported as none detected or <1% undergo additional analysis via PLM to avoid the possibility of false negatives.

Samples analyzed by EMSL Analytical, Inc. Hillside, IL

Initial report from: 12/08/2025 11:49:48

OrderID: 262511572

262511572

Carnow, Conibear & Assoc., Ltd.
Environmental Consulting Services
600 West Van Buren St., Suite 500, Chicago, IL 60607
T 312.782.4488 F: 312.782.5145
www.ccaltd.com

CHAIN OF CUSTODY RECORD
PLM ASBESTOS

CARNOW CONIBEAR

Client:	Tetra Tech	**Project #:**	A1634440003
Street Address:	15302 S. Myrtle Drive	**Project Name:**	
City, State, Zip:	Harvey, IL	**Project Location:**	Residence
Date:	12-3-2025		
Turn Around:	2-Day	**Project Manager:**	Dylan Gerhart
		Inspector:	Jose Escobedo

SAMPLE ID / NUMBER:	SAMPLE DESCRIPTION / LOCATION
JE120325-01	Plaster Ceiling — 1ST FLR
02	Wall
03	
04	Drywall ceiling
05	Wall
06	
07	Vinyl FLR Tile 12"x12" Brown
08	
09	
10	Associated Adhesive
11	
12	
13	Attic Insulation
14	
15	
16	Glue Ceiling Puck
17	
18	
19	Floating FLR Beige
20	
21	

Comments: Please email results to dgerhart@ccaltd.com / escobedo@ccaltd.com.

Relinquished By / Date / Time: Jose Escobedo

Received By / Date / Time:

Relinquished By / Date / Time:

Received By / Date / Time: 12/4/25 3:08 PM WJ

E - 100

APPENDIX C

Photographic Documentation



Photo 1 – Example of the condition of the building.

HAZARODUS MATERIALS BUILIDNG SURVEY

RESIDENTIAL HOUSE

15314 Myrtle Ave
Harvey, Illinois 60426

PREPARED FOR

Metropolitan Water Reclamation District of Greater Chicago (MWRD)
111 East Erie Street
Chicago, Illinois 60611

PREPARED BY

A3 Environmental, LLC
3030 Warrenville Road, Suite 418
Lisle, Illinois 60532
T: 888-405-1742

Project Number: 2025.0320
Date: June 20, 2025

1.0 SITE DESCRIPTION 1

2.0 ACM SURVEY 2
2.1 ACM Executive Summary 2
2.2 Sampling Protocol 3
2.3 Laboratory Analysis 3
2.4 Limitations & Exceptions of Survey 4
2.5 Results 4

3.0 LEAD SURVEY 5

4.0 HAZARDOUS MATERIALS SURVEY 6
4.1 Polychlorinated Biphenyls (PCBs) 6
4.2 Universal Wastes 7
4.3 Other Hazardous Containing Materials 7

5.0 FINDINGS & CONCLUSION 7

6.0 SIGNATURE OF ENVIRONMENTAL PROFESSIONALS 7

A3 Environmental, LLC
T: (888) 405-1742
F: (630) 507-9003
Info@A3E.com

Job Number 2025.0320

Metropolitan Water Reclamation District of Greater Chicago (MWRD)
Mr. Mark Leibrock
111 East Erie Street Suite 330
Chicago, Illinois 60611

Hazardous Materials Building Survey
Vacant Residential House
15314 Myrtle Avenue
Harvey, Illinois 60426

Dear: Mr. Leibrock:

A3 Environmental, LLC (A3E) is pleased to submit this Hazarodus Materials Building Survey to Include a Lead Based Paint (LBP) Survey, Hazardous Materials Survey (HMS) and Asbestos Containg Materials (ACM) Survey report for the property located at 15314 Myrtle Avenue in Harvey, Illinois (the "Site").

1.0 SITE DESCRIPTION

The Site is a vacant 1,572 square foot two story residential house with basement that was built in 1893 (according to real estate listings).

2.0 ACM SURVEY

The ACM Survey was conducted to categorize the different homogeneous materials within the building, to assess the condition of suspect asbestos-containing materials (ACMs), to develop and implement an asbestos sampling plan, and identify or negate the presence of asbestos through laboratory analysis.

2.1 ACM Executive Summary

The 15314 Myrtle Avenue Site is a two story vacant residential home that has a basement and is slab on grade. The building is constructed of wood with exterior vinyl and transite siding, interior plaster walls, some drywall and a combination pitched roof with asphalt shingles and a flat roof with a rolled membrane roof. There are ceiling tiles, hardwood floors with vinyl and ceramic floor tiles, sheet flooring and felt/tar paper.

The field activities were conducted on April 29th, 2025, by Mr. Patrick W. Hook, a licensed Illinois Department of Public Health (IDPH) asbestos inspector. A3E collected a total of 115 bulk samples of suspect ACMs from 37 homogeneous materials identified at

A3 Environmental, LLC
T: (888) 405-1742
F: (630) 507-9003
Info@A3E.com

the 15314 Myrtle Avenue Site. It is important to note that in many instances, additional material layers (i.e. mastics/glues/adhesives/layers) associated with the 115 bulk samples were also analyzed, thus increasing the total number of samples to 158.

Asbestos includes chrysotile, amosite, crocidolite, anthophyllite, tremolite and actinolite (fibrous minerals). The analytical report relates only to the samples tested. Samples were analyzed using Polarized Light Microscopy (PLM) with dispersion staining via EPA Method 600/R-93/116 or equivalent for bulk asbestos materials. The reliable limit of detection of this method is one percent (1%) asbestos content. When no asbestos is detected in the sample submitted, the results are reported as *None Detected.* If a sample contains greater than 1% asbestos, it is considered to be an asbestos-containing material by the United States Environmental Protection Agency- National Emission Standards for Hazardous Air Pollutants (EPA-NESHAPs), the United States Occupational Safety and Health Administration (OSHA), the Cook County Department of Environment and Sustainability (CCDES), the Illinois Environmental Protection Agency (IEPA) and the Illinois Department of Public Health (IDPH). However, if a material contains less than 1% asbestos, certain work practice requirements and prohibitions of the OSHA Asbestos in Construction Standard (29 CFR 1926.1101) must be followed (during activities where materials are disturbed such as re-modeling or demolition).

Suspect materials such as floor tile, mastics, glues, adhesives, ceramics and roofing are classified as Non-friable Organically Bound (NOB) materials. As such the EPA recommends, but is not required, further analysis of these type materials using Transmission Electron Microscopy (TEM) analysis or the EPA 600/R-93/116 400 Point Count Method for PLM samples identified to be less than 10% asbestos or to be inconclusive by PLM. TEM and/or point counting were not included in the base scope of services for this project.

In accordance with the Agreement, this ACM Survey focused on major interior and exterior building systems and components with potential to contain asbestos. It is possible that additional suspect or assumed ACMs may be present within inaccessible areas of the building, such as above fixed ceilings, within wall systems, behind walls, beneath layers of flooring, roof core layers, within pipe chases, in mechanical equipment insulation, in electrical components, and within HVAC equipment; therefore, these materials may not have been observed or sampled during this ACM Survey. It should be noted that any other suspect materials within the site building not sampled as part of this limited ACM Survey should be assumed to be ACM until proven otherwise prior to future renovation or demolition activities.

The flat roof was not able to be accessed and thereore any roof membrane components and flashing should be assumed to contain asbestos till proven otherwise.

A3 Environmental, LLC
T: (888) 405-1742
F: (630) 507-9003
Info@A3E.com

2.2 Sampling Protocol

Bulk samples of each material suspected to contain asbestos were collected utilizing a modified Asbestos Hazard Emergency Response Act (AHERA) sampling protocol (AHERA, 40 CFR763.86), OSHA General Industry Standard 29 CFR 1910.1001, OSHA Asbestos Construction Standard 29 CFR 1926.1101, IEPA and IDPH rules and requirements.

Suspect ACMs were identified, and bulk samples were collected by a IDPH Licensed Asbestos Inspector and submitted for laboratory analysis. The EPA, OSHA, CCDES, IEPA and IDPH define ACM as a material that contains greater than one percent (1%) asbestos.

2.3 Laboratory Analysis

Submitted suspect ACM bulk samples were analyzed by TEM Environmental (TEM) located in Glendale Heights, Illinois. TEM is a National Voluntary Laboratory Accreditation Program (NVLAP) accredited laboratory, an American Industrial Hygiene Association (AIHA) accredited institution, and is also certified in Illinois. Bulk samples were analyzed using PLM EPA Method 600/R-93/116. Copies of the laboratory chain of custody and analytical report documentation are provided in the Appendix.

2.4 Limitations & Exceptions of Survey

Site observations are of the conditions observed at the time of the site reconnaissance.

A3E notes the following limitations:

The flat roof (highest roof) was not able to be accessed and thereore any roof membrane components and flashing should be assumed to contain asbestos till proven otherwise.

All materials that are positive for asbestos have been quantified by A3E as good faith estimates. These good faith estimates should be verified by any general contractor or abatement company, prior to commencement of work, to determine the actual amount of identified materials that needs to be removed/abated.

It is also possible that additional suspect or assumed ACMs may be present within inaccessible areas of the building, such as above fixed ceilings, in wall systems, behind walls, beneath layers of flooring, roof core layers, within pipe chases, in mechanical equipment insulation, in electrical components, and within HVAC equipment; therefore, these materials may not have been observed or sampled during this limited ACM Survey. It should be noted that any other suspect materials within the site building not sampled as part of this limited ACM Survey should be assumed to be ACM until proven otherwise prior to future renovation or demolition activities.

A3 Environmental, LLC
T: (888) 405-1742
F: (630) 507-9003
Info@A3E.com

2.5 Results

Bulk sampling of homogeneous areas containing suspect ACMs was conducted at the site. A homogeneous area is defined as an area of surfacing material, thermal system insulation material or miscellaneous material that is uniform in appearance, color and texture, and was applied at the same time.

Prior to collection of suspect materials, the sample location was sprayed with amended water to minimize fiber release and to soften the building material being sampled. Bulk materials were sampled from the center of the wetted area. After the sample was taken, the bulk material was placed in a sample bag which was sealed to prevent escape or contamination of outside sources. A unique sample number was assigned to each sample and the sample bag was labeled with that number.

Asbestos includes chrysotile, amosite, crocidolite, anthophyllite, tremolite and actinolite (fibrous minerals). The analytical report relates only to the samples tested. Samples were analyzed using PLM with dispersion staining via EPA Method 600/R-93/116 or equivalent for bulk asbestos materials. The reliable limit of detection of this method is one percent (1%) asbestos content. When no asbestos is detected in the sample submitted, the results are reported as *None Detected.* If a sample contains greater than 1% asbestos, it is considered to be an asbestos-containing material by EPA-NESHAPs, OSHA, CCDES IEPA and IDPH. The following tables describes materials sampled, locations, analytical results, friability, condition, and quantity estimates of materials sampled at the building. Building materials identified at the facility to contain greater than 1% asbestos are bolded.

SAMPLE #	DESCRIPTION	MATERIAL LOCATION	LAB RESULTS	FRIABILITY/ CONDITION	ESTIMATED QUANTITY	NOTES
TS1-A,B,C	Brown and White Transite Siding	Exterior	**10%-15% Chrysotile** **10%-15% Chrysotile** **10%-15% Chrysotile**	Non-Friable/ Good	3,000 SF	
SH1-A,B,C	Black Shingles	Roof	ND ND ND	Non-Friable/ Good	600 SF	
FP1-A,B,C	Felt/Tar Paper	Roof	ND ND ND	Non-Friable/ Good	600 SF	Under SH1

A3 Environmental, LLC
T: (888) 405-1742
F: (630) 507-9003
Info@A3E.com

FBM1-A,B,C	Flue Brick & Mortar	Basement	ND ND ND	Non-Friable/ Good	150 SF	
TP1-A,B,C	Textured Paint	Living Room Ceiling	ND ND ND	Non-Friable/ Good	264 SF	
TP2-A,B,C	Textured Paint	Living Room Wall	ND ND ND	Non-Friable/ Good	531 SF	
PL1-A,B,C,D,E,F,G	Plaster (Base & Skim Coat)	Throughout	ND ND ND ND ND ND ND	Non-Friable/ Good	6,500 SF	
CFT2-A,B,C	12"x12" Brown Ceramic Floor Tile & Adhesive	Kitchen	ND ND ND	Non-Friable/ Good	192 SF	No CFT1
FL1-A,B,C	Gray Floor Leveler	Kitchen	ND ND ND	Non-Friable/ Good	192 SF	
LN1-A,B,C	Yellow Square Linoleum & Adhesive	Kitchen, Washer Dryer Room	ND ND ND	Non-Friable/ Good	192 SF	
DBA1-A,B,C	White Decorative Backsplash & Adhesive	Kitchen	ND ND ND	Non-Friable/ Good	40 SF	
ST1-A,B,C	Brown Stair Tread	Stairs	ND ND ND	Non-Friable/ Good	50 SF	
DBA2-A,B,C	Gold Rectangle Backsplash & Adhesive	Kitchen	ND ND ND	Non-Friable/ Good	30 SF	

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FT1-A,B,C	12"x12" Wood Parquet Tile & Mastic	Bedrooms 2-5, 2nd Floor Hallway	ND ND ND	Non-Friable/ Good	420 SF	
FT2-A,B,C	12"x12" Beige Floor Tile & Mastic	Bathroom 1	ND ND ND	Non-Friable/ Good	72 SF	
CT1-A,B,C	12"x12" White Ceiling Tile	Entire 2nd Floor, Screen Porch	ND ND ND	Friable/ Good	600 SF	
CT2-A,B,C	1.5'x1.5' White Ceiling Tile	Bedroom 4&5	ND ND ND	Friable/ Good	200 SF	
CT3-A,B,C	14"x14" White Ceiling Tile	Bedroom 1	ND ND ND	Friable/ Good	90 SF	
WP1-A.B.C	Yellow & Brown Painted Wall Paper	Dining Room	ND ND ND	Non-Friable/ Good	400 SF	
WPN1-A,B,C	White with Gold Wall Panel	Bedrooms 2&5, 2nd Floor Hallway	ND ND ND	Non-Friable/ Good	260 SF	No Mastic
WPN2-A,B,C	White with Gold Wall Panel	Bathroom 2	ND ND ND	Non-Friable/ Good	200 SF	Mastic Only
WPN3-A,B,C	White Wall Panel	Bathroom 1	ND ND ND	Non-Friable/ Good	100 SF	
LN2-A,B,C	Green Pattern Linoleum & Adhesive	Bathroom 2	ND ND ND	Non-Friable/ Good	63 SF	
FT3-A,B,C	12"x12" Brown Floor Tile & Mastic	Bathroom 2	ND ND ND	Non-Friable/ Good	63 SF	

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FT4-A,B,C	Beige with red Streaks Floor Tile & Mastic	Bedroom 3	**3%-5% Chrysotile 3%-5% Chrysotile 3%-5% Chrysotile**	Non-Friable/ Good	80 SF	
FT5-A,B,C	Gray Floor Tile & Mastic	Bedroom 3	**3%-5% Chrysotile 3%-5% Chrysotile 3%-5% Chrysotile**	Non-Friable/ Good	80 SF	
FTP1-A,B,C	Floor Tar Paper	Bathroom 1	ND ND ND	Non-Friable/ Good	72 SF	Under FT2
FTP2-A,B,C	Floor Tar Paper	Bathroom 2	ND ND ND	Non-Friable/ Good	42 SF	Under FT3
FTP3-A,B,C	Floor Tar Paper	Bathroom 2	ND ND ND	Non-Friable/ Good	42 SF	Under LN2
SF1-A,B,C	Polka Dot Sheet Flooring	Closet 3	ND ND ND	Non-Friable/ Good	9 SF	
SF2-A,B,C	Brown Sheet Flooring	Bedroom 3,	ND ND ND	Non-Friable/ Good	264 SF	
SF3-A,B,C	Gray with Green Sheet Flooring with Red Backing	Bedroom 3	ND ND ND	Non-Friable/ Good	87 SF	
SF4-A,B,C	Green Swirl Sheet Flooring	Bedroom 5	ND ND ND	Non-Friable/ Good	100 SF	
SF5-A,B,C	Green & Black Speck Sheet Flooring	Bedroom 4	ND ND ND	Non-Friable/ Good	100 SF	

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FTP4-A,B,C	Floor Tar Paper	Bedroom 3,4	ND ND ND	Non-Friable/ Good	187 SF	Top of SF3, Under SF3
FTP5-A,B,C	Floor Tar Paper	Bedroom 3	ND ND ND	Non-Friable/ Good	87 SF	Under SF3
FTP6-A,B,C	Floor Tar Paper	2nd Floor Hallway	ND ND ND	Non-Friable/ Good	30 Sf	Under SF5

2.5.1 Survey Method & Results

The field activities were conducted on April 29th, 2025, by Mr. Patrick W. Hook, a licensed Illinois Department of Public Health (IDPH) asbestos inspector. A3E collected a total of 115 bulk samples of suspect ACMs from 37 homogeneous materials identified at the 15314 Myrtle Avenue Site. It is important to note that in many instances, additional material layers (i.e. mastics/glues/adhesives/layers) associated with the 115 bulk samples were also analyzed, thus increasing the total number of samples to 158.

The following building materials were identified at the 15314 Myrtle Avenue residence to contain greater than 1% asbestos; therefore, the building materials are required to be treated as regulated ACMs:

- **3,000 square feet of Transite siding located on the exterior of the residence.**
- **80 square feet of Beige with Red Streaks Floor Tile & Mastic in Bedroom 4**
- **80 square feet of Gray Floor Tile & Mastic in Bedroom 4**

3.0 LEAD SURVEY

A comprehensive LBP Inspection of accessible buildings and rooms was performed on this Property. The purpose of this inspection was to determine the presence or absence of Lead Based Paint (LBP), as defined by the United States Environmental Protection Agency (USEPA) and the Illinois Department of Public Health (IDPH). This inspection was conducted on May 1, 2025 by James W. Sundberg (License Number IL1743).

Even though not applicable on this type of property, the protocol used for this inspection is based on the practices and procedures in the United States Department of Housing and Urban Development's (HUD) Guidelines for the Evaluation and Control of Lead-Based Paint

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F: (630) 507-9003
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Hazards in Housing, 2012 Revision (HUD Guidelines) and the United States Environmental Protection Agency's (USEPA) 40 CFR Part 745 (Lead; Identification of Dangerous Levels of Lead; Final Rule; January 5, 2001), It should be noted that the Occupational Safety and Health Administration (OSHA) Lead in Construction Standard (29 CFR 1926.62) does not define Lead Based Paint (LBP). A modified, comprehensive inspection by building of building WAS performed. Although all painted, varnished, and shellacked components on a room by room basis were tested, limited numbers of walls (about 2) per room were tested.

The Inspection was conducted utilizing the Viken Detection (formerly Heuresis Pb200i XRF (Serial Number 2187). The XRF fieldwork was conducted in accordance with the guidelines outlined in the EPA Performance Characteristic Sheet (Attached). In addition, please note the report does not label locations as North, South, East, and West. It utilizes A, B, C, and D. For this report, Wall A corresponds to the East Wall (Street Address Side) in every room. Walls B, C, and D are labeled from Wall A in a clockwise manner. For this project, Wall A is to the East, Wall B is to the South, Wall C is to the West, and Wall D is to the North.

Component by component testing on a room by room basis was performed throughout the property. It was attempted to test all components that were painted, varnished, or shellacked. Some readings were above the United States Environmental Protection Agency (USEPA) and Illinois Department of Public Health (IDPH) Regulatory Level of 1.0 mg/cm². Table I, below, contains a summary of the generic components that tested POSITIVE for LBP on this property. Since all accessible, painted components were tested, components not listed in the table below tested negative for LBP.

15314 MYRTLE AVE - GENERIC COMPONENTS POSITIVE FOR LBP	
ROOM	**COMPONENT**
Exterior House	Concrete Block Foundation Walls
	Older Wood Window Components
	Wall C Basement Wood Door Header
	Old Wood Siding (present under Siding)
	Wall B Wood Lattice
	Wall A Wood Door Jambs, Casings, and Threshold
Interior Foyer	Wood Support Columns and Beams
	Wood Baseboards and Door Casings
	Wood Stair Components (Painted)
Interior Kitchen	Plaster Walls and Ceiling
Interior SW Porch	Wood Wall D (Siding)

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Interior 1 North Bedroom	Wood Window Sills
Interior 2nd Floor, All Rooms	Wood Door Jambs and Casings
	Wood Baseboards
Interior 2 Bathroom	Metal Sewer Pipe
All Components in some form of deteriorated condition	

4.0 HAZARDOUS MATERIALS SURVEY

This section summarizes the findings of a hazardous/universal waste materials survey walkthrough and evaluation performed by A3 Environmental, LLC (A3E) on April 2, 2025 at the Vacant Residential House located at 15314 Myrtle Avenue in Chicago, Illinois. The walkthrough consisted of an evaluation and quantification of universal wastes, chemicals, equipment, and other environmentally sensitive materials that will likely be encountered during any future building demolition or renovation activities. These materials should be accounted for and removed prior to, or in conjunction with, these activities if not to remain in use.

4.1 Universal Wastes

Under the US Environmental Protection Agency's (US EPA) Universal Waste Rule (40 CFR 273), certain common hazardous wastes (called universal wastes) can be managed under less stringent requirements that those of the Resource Conservation and Recovery Act (RCRA) Hazardous Waste rules. The categories of waste identified by the US EPA as Universal Waste are: Recalled or Unused Pesticides, Hazardous Waste Batteries, Mercury-Containing Thermostats, and Hazardous Waste Lamps. A3E conducted a site reconnaissance to locate, identify and quantify any potential PCB-containing items.

These Federal rules provide states with the authority to add categories of waste that may be managed as universal waste within the state. The State of Illinois has established standards for the management of universal waste. These standards are listed in the Illinois Administrative Code: Title 35, Subtitle G, Chapter 1, Subpart c, Part 733. The State of Illinois has not opted to include any additional wastes beyond those identified by the US EPA in its Universal Waste Standard. However, the State of Illinois has redefined US EPA's category Mercury-Containing Thermostats and as a result developed two categories: Mercury Thermostats and Mercury-Containing Equipment.

The following potential Universal Wastes were identified at the site:

Mercury Thermostats / Light Bulbs

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A3E observed two thermostats in the residence. Numerous light fixtures/ceiling fans with standard light bulbs were observed throughout the residence (please refer to figues for light fixture locations).

4.2 Polychlorinated Biphenyls (PCBs)

A3E conducted a site reconnaissance to locate, identify and quantify potential PCB-containing items. Two fluorescent bulbs and associated ballasts were observed were observed in Bedroom 4.

4.3 Other Hazardous Containing Materials

A3E did observe a water heater, gas meter, cable box, motion detector, space heater, intercom unit, doorbell unit, electric meter, breaker box, telephone box, satelite dish, an HVAC unit, condenser motor, carbon monoxide detector and smoke/fire alarms (please see figures for locations).

Some of the items discussed in this report can be recycled by using state and local (City of Chicago, Cook County, IEPA) resources. Items need to be collected and transported to these recycling facilities where some fees may apply.

5.0 FINDINGS & CONCLUSIONS

Metropolitan Water Reclamation District of Greater Chicago (MWRD) retained A3 Environmental (A3E) to conduct an Asbestos-Containing Material Survey (ACM Survey), Lead Based Paint Survey and Hazardous Materials Survey of the control buildings located at 15314 Myrtle Avenue Harvey, Cook, Illinois 60426 (the facility or building).

ACM Survey: The following building materials were identified at the 15314 Myrtle Avenue residence to contain greater than 1% asbestos; therefore, the building materials are required to be treated as regulated ACMs:

- **3,000 square feet of Transite siding located on the exterior of the residence.**
- **80 square feet of Beige with Red Streaks Floor Tile & Mastic in Bedroom 3**
- **80 square feet of Gray Floor Tile & Mastic in Bedroom 3**

The folowing building materials are assumed to contain asbestos as these materials were not able to be sampled due to safety concerns:

- **600 square feet of flat memebrane roofing and flashing on the highest roof.**

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Lead Survey: **The Folowing building components were identified at the 15300 Myrtle Avenue residence to contain greater than 1.0 mg/cm² of lead.**

- **Exterior House - concrete block foundation walls, older wood window components, wall C basement wood door header, old wood siding (present under siding), wall B wood lattice, wall A wood door jambs, casings, and threshold**
- **Interior Foyer - wood support columns and beams, wood baseboards and door casings, wood stair components (painted)**
- **Interior Kitchen - plaster walls and ceiling**
- **Interior SW Porch - wood wall D (siding)**
- **Interior North 1 Bedroom - wood window sills**
- **Interior 2nd Floor All Rooms - wood door jambs and casings, wood baseboards**
- **Interior 2nd Floor Bathroom - metal sewer pipe**

Hazardous Materials Survey:

- **A3E observed two fluorescent bulbs and associated ballasts in Bedroom 4 and one thermostat in the residence. Numerous light fixtures/ceiling fans with standard light bulbs were observed throughout the residence. A3E did observe a water heater, gas meter, cable box, motion detector, space heater, intercom unit, doorbell unit, electric meter, breaker box, telephone box, satelite dish, an HVAC unit, condenser motor, carbon monoxide detector and smoke/fire alarms (please see figures for locations). These materials should be removed or recycled properly prior to demolition.**

6.0 SIGNATURE OF ENVIRONMENTAL PROFESSIONALS

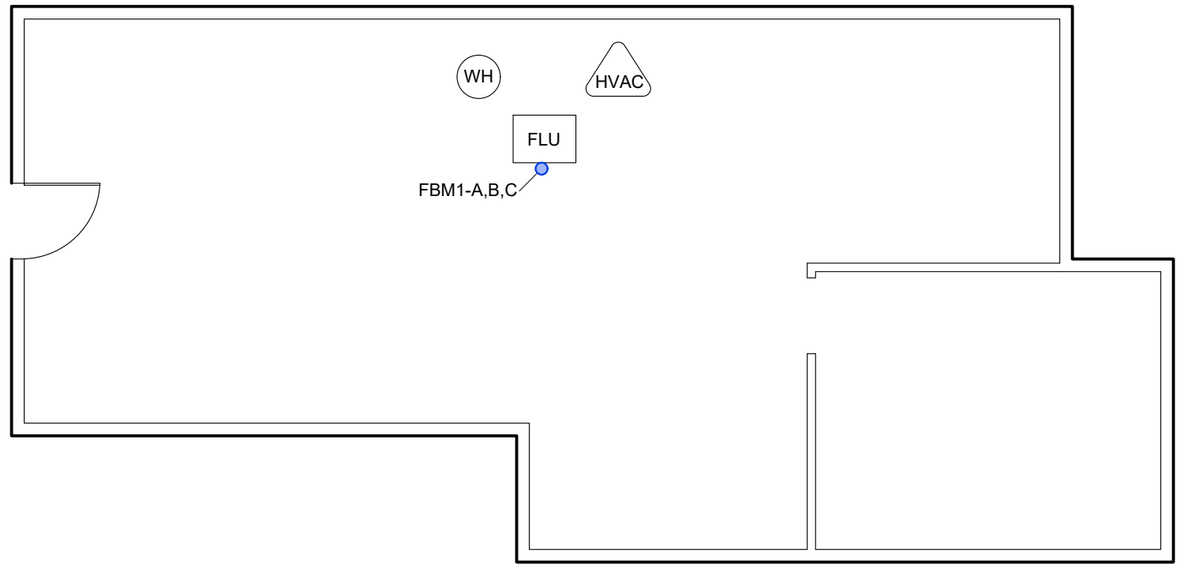
These surveys were performed as described in the authorized Agreement between Metropolitan Water Reclamation District of Greater Chicago (MWRD) and A3E dated February 12, 2025 and documents the sampling methodology used by qualified environmental professionals of A3E to obtain, identify, and summarize information pertaining to ACMs located at the Vacant Residential House located at 15314 Myrtle Avenue Harvey, Cook, Illinois 60426 (the facility or building).

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Report Prepared By:

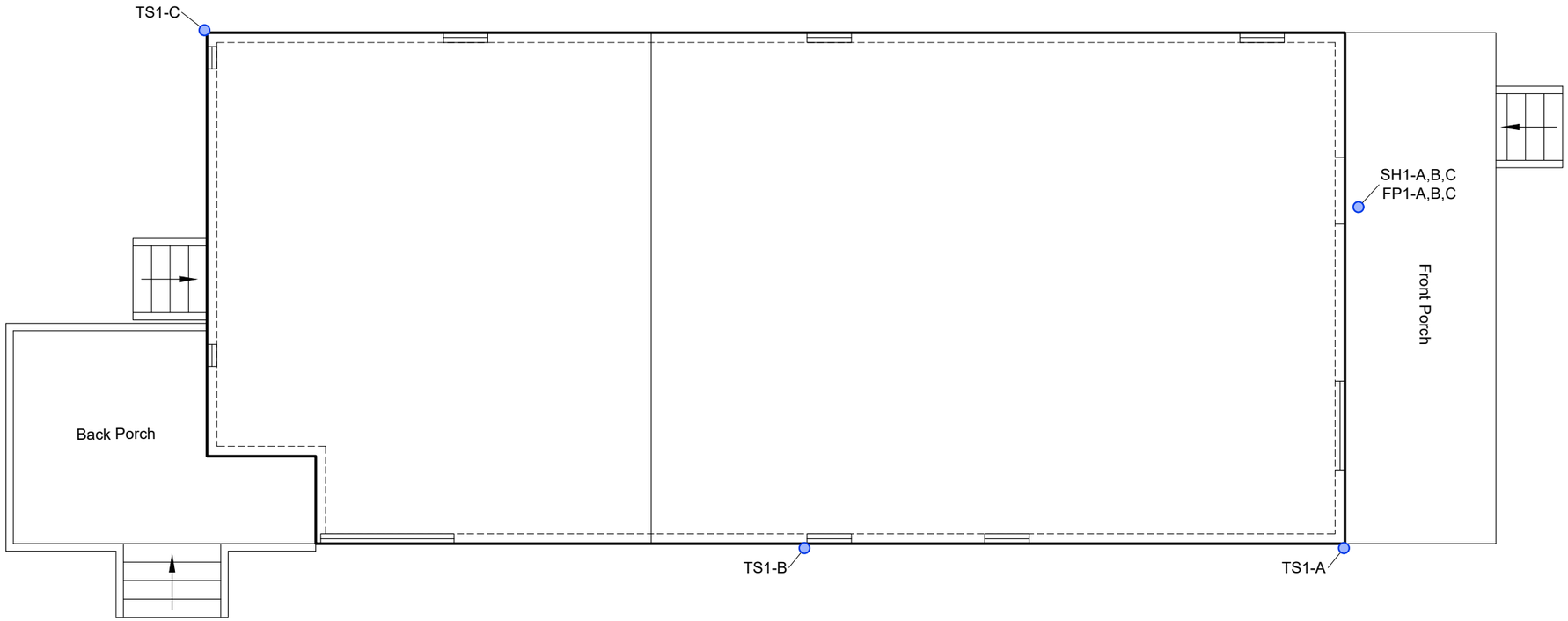


Patrick W. Hook PG
Lead Consultant, EPA AHERA Certified Asbestos Building Inspector, Project Manager, IDPH #100-10967



Basement Floor Plan

SCALE: 1"=6'-0"



Exterior Plan

SCALE: 1"=6'-0"

A3E CONSULTANTS

Legend

Sample Location

REV #	DESCRIPTION	DATE

SITE:
15314 Myrtle Avenue
Harvey, IL 60426

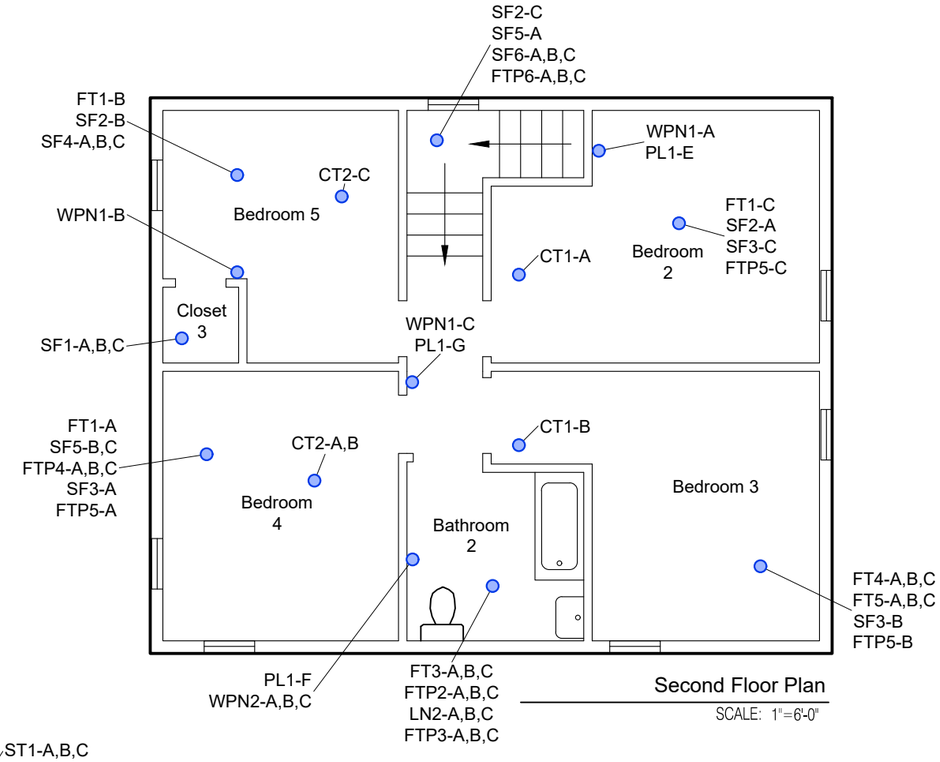
PROJECT NUMBER: 2025.0320

DATE: 06.05.2025

SCALE: 1" = 6'-0"

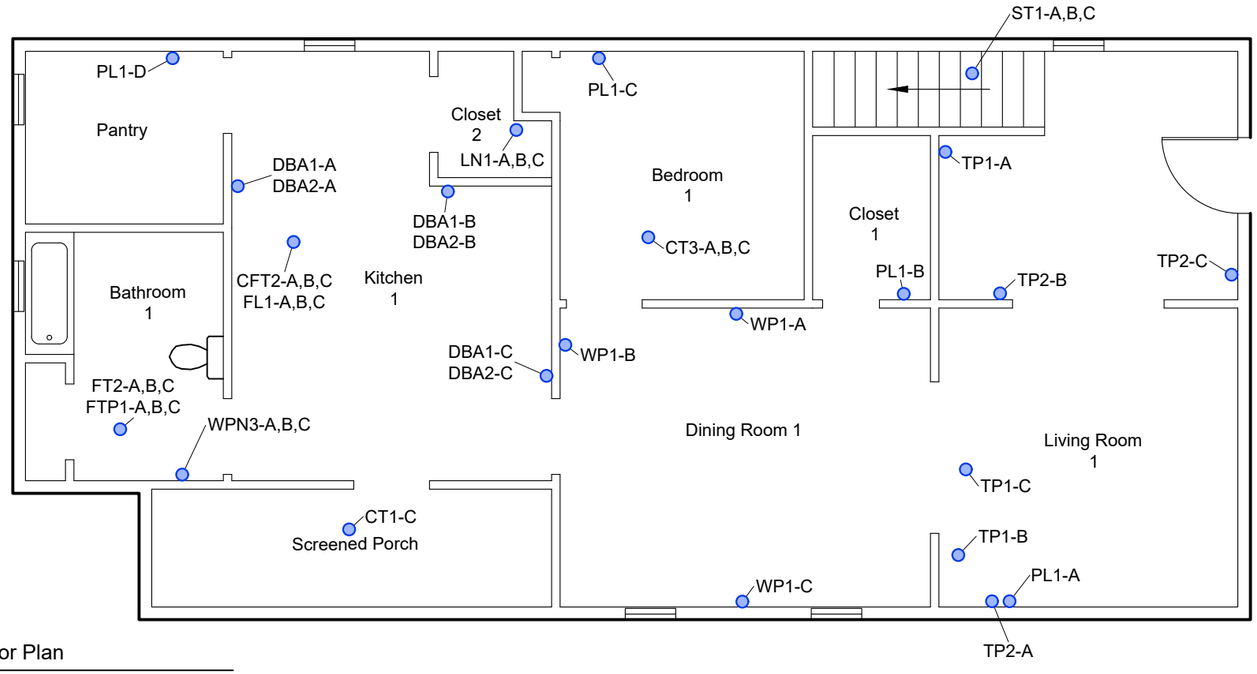
DWG: ASBESTOS SAMPLE LOCATION MAP

PAGE: 1



Second Floor Plan

SCALE: 1"=6'-0"



First Floor Plan

SCALE: 1"=6'-0"

A3E CONSULTANTS

Legend

Sample Location

REV #	DESCRIPTION	DATE

SITE:
15314 Myrtle Avenue
Harvey, IL 60426

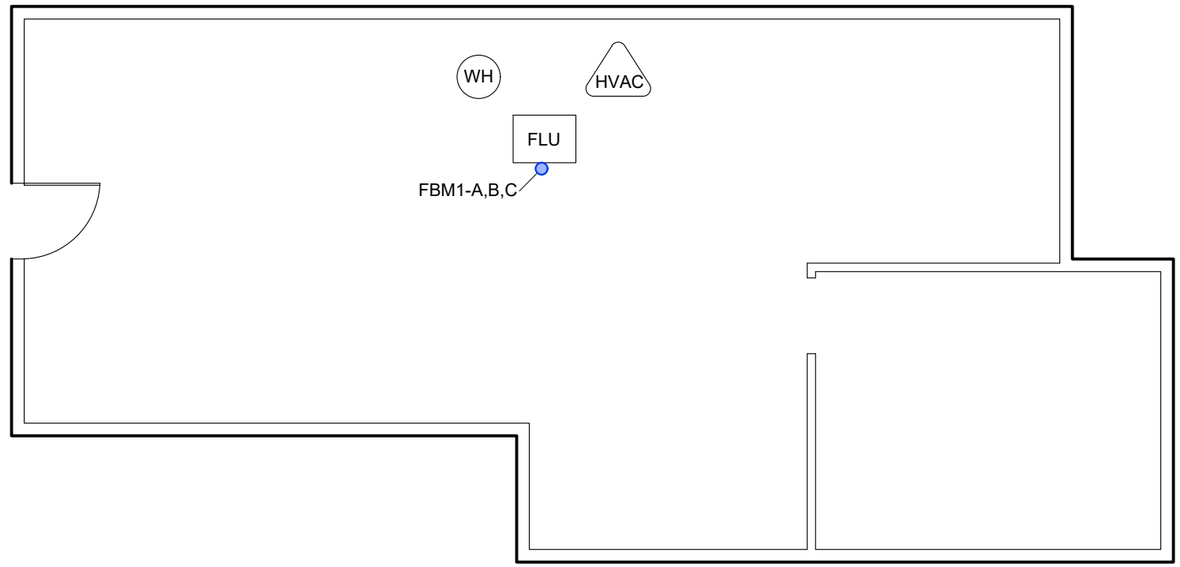
PROJECT NUMBER: 2025.0320

DATE: 06.05.2025

SCALE: 1" = 6'-0"

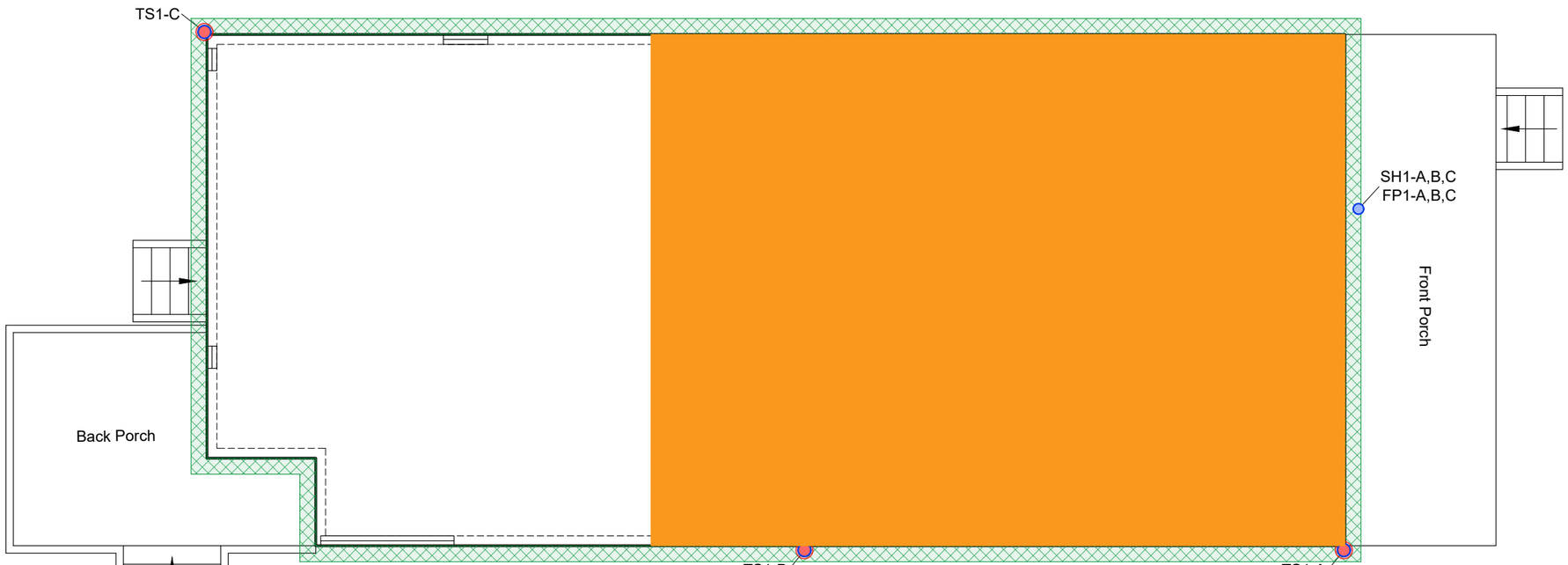
DWG:
ASBESTOS SAMPLE LOCATION MAP

PAGE:
2



Basement Floor Plan

SCALE: 1"=6'-0"



Exterior Plan

SCALE: 1"=6'-0"

A3E CONSULTANTS

Legend

- Sample Location
- ACM Location
- TS1-A,TS1-B,TS1-C: Brown & White Transite Siding *(3,000 SF)*
- Assmed ACM : Membrane Roof and Flashing *(600 SF)*

REV #	DESCRIPTION	DATE

SITE:
15314 Myrtle Avenue
Harvey, IL 60426

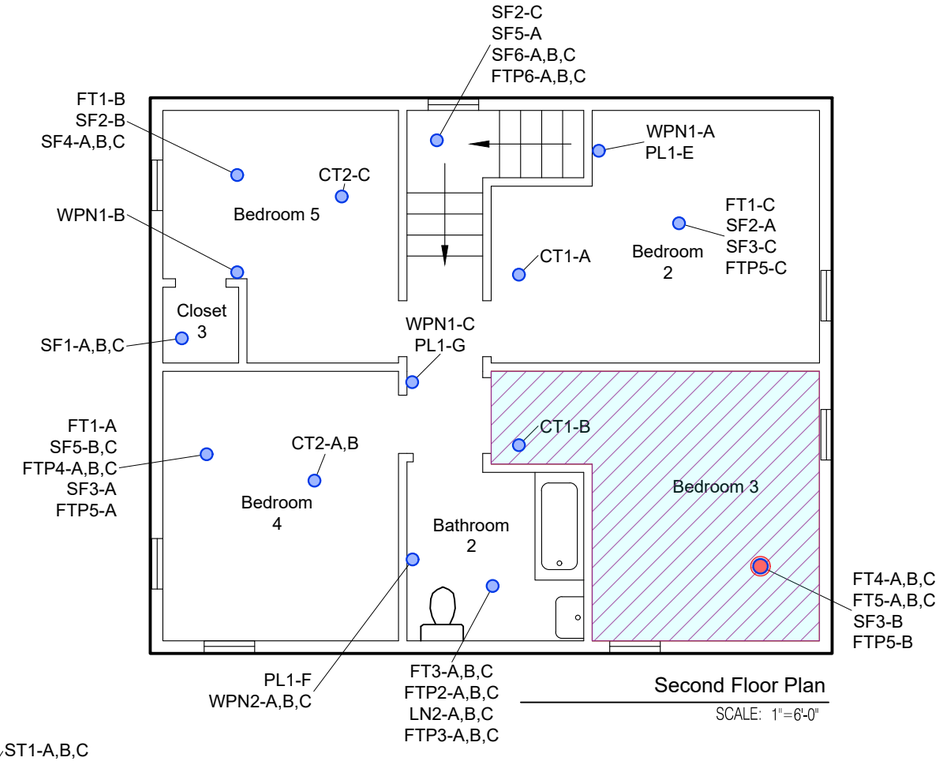
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DATE: 06.05.2025

SCALE: 1" = 6'-0"

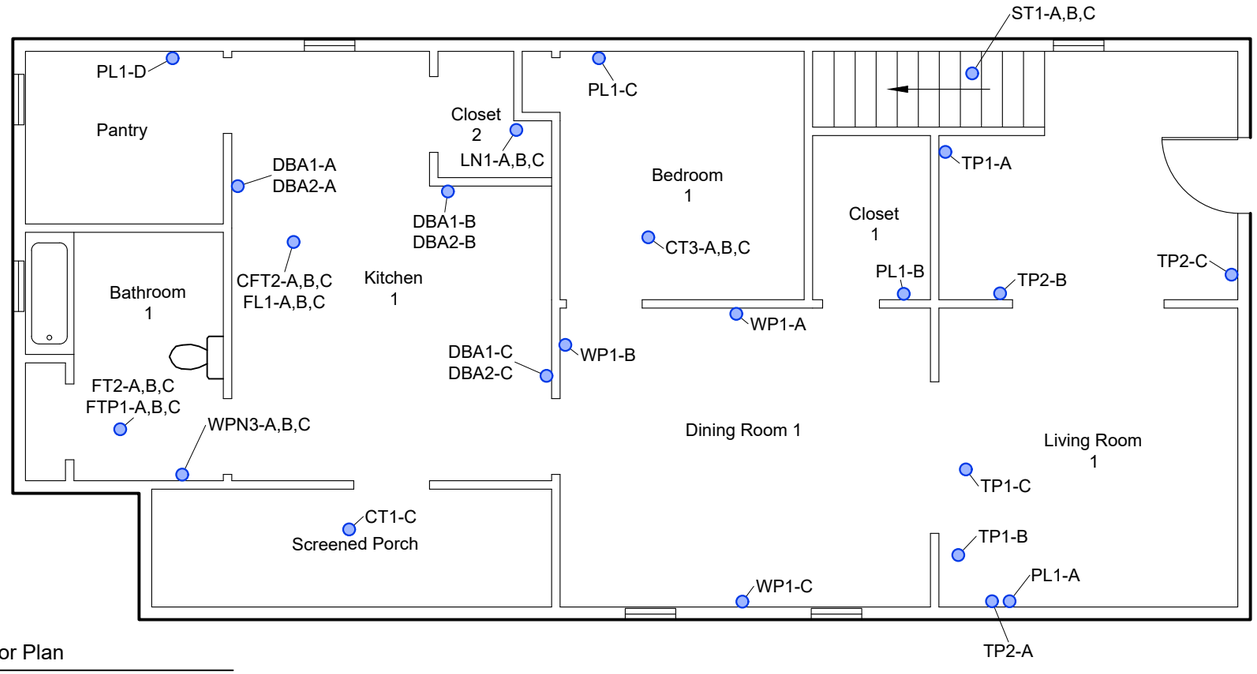
DWG: ASBESTOS CONTAINING MATERIAL LOCATION MAP

PAGE: 3



Second Floor Plan

SCALE: 1"=6'-0"



First Floor Plan

SCALE: 1"=6'-0"

A3E CONSULTANTS

Legend

- Sample Location
- ACM Location
- FT4-A,FT4-B,FT4-C: Beige with Red Streaks Floor Tile & Mastic *(80 SF)*
- FT5-A,FT5-B,FT5-C: Gray Floor Tile & Mastic *(80 SF)*

REV #	DESCRIPTION	DATE

SITE:
15314 Myrtle Avenue
Harvey, IL 60426

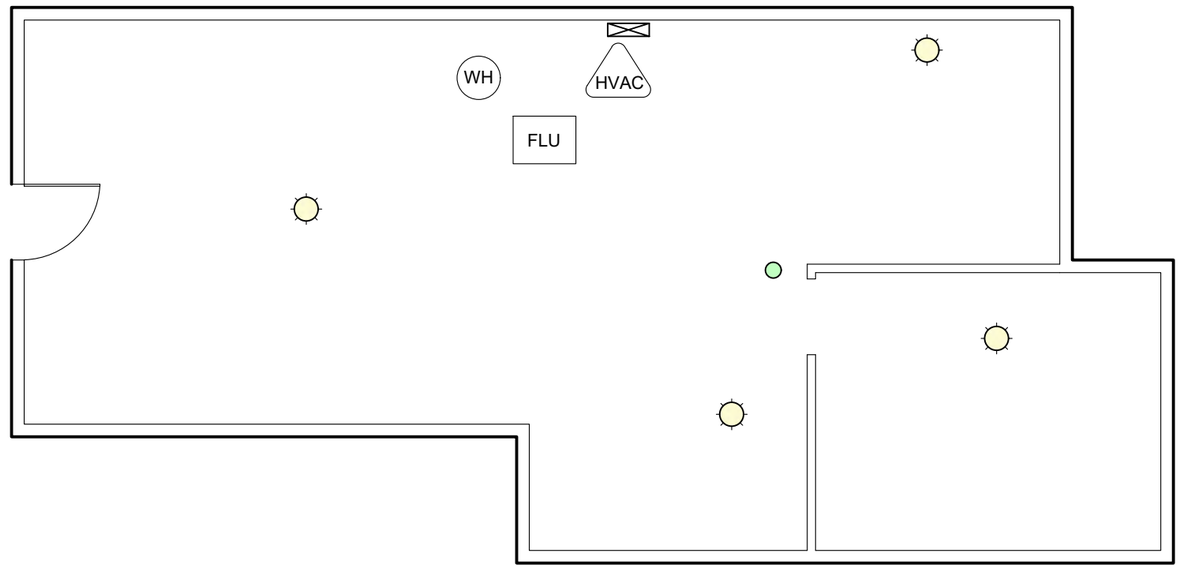
PROJECT NUMBER: 2025.0320

DATE: 06.05.2025

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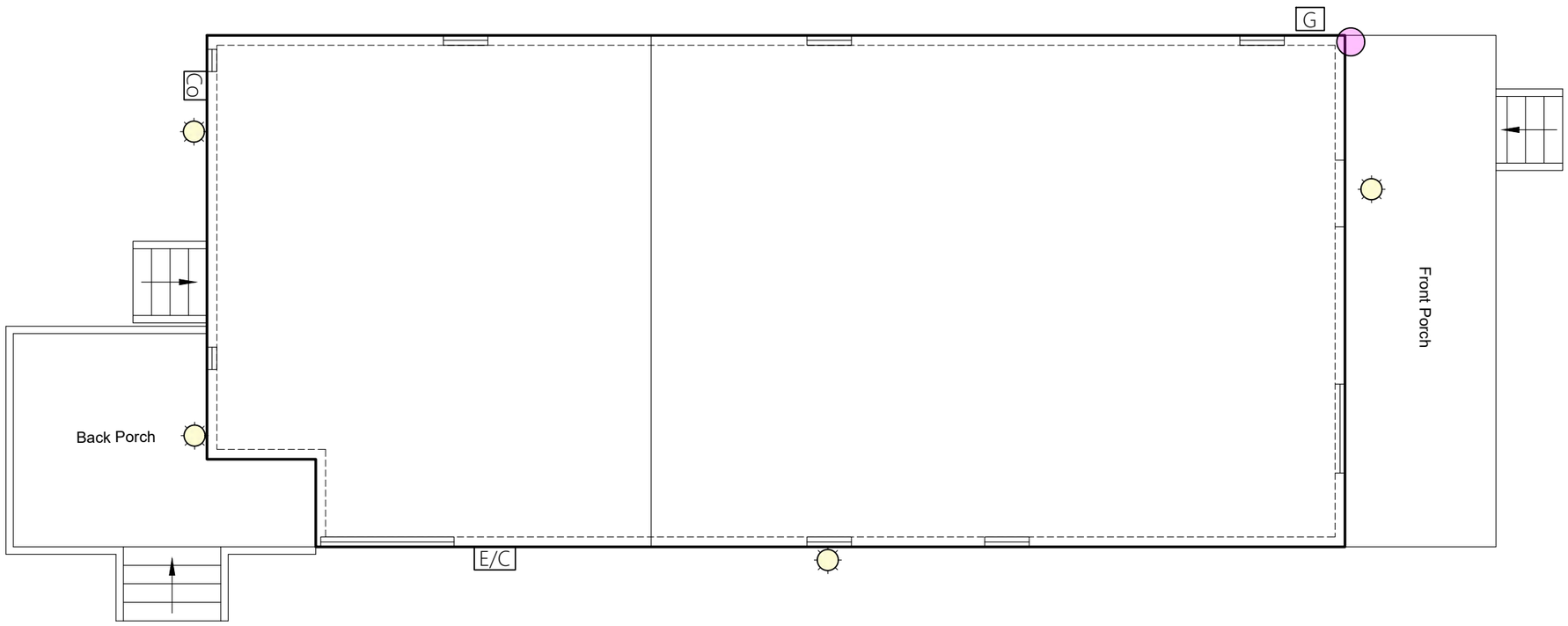
DWG: ASBESTOS CONTAINING MATERIAL LOCATION MAP

PAGE: 4



Basement Floor Plan

SCALE: 1"=6'-0"



Exterior Plan

SCALE: 1"=6'-0"

A3E CONSULTANTS

Legend

- Light
- G — Gas Meter
- E/C — Electric Meter/Cable Box
- Co — Condenser Motor
- Breaker Box
- Smoke/Fire Alarm
- Satellite Dish

REV #	DESCRIPTION	DATE

SITE:
15314 Myrtle Avenue
Harvey, IL 60426

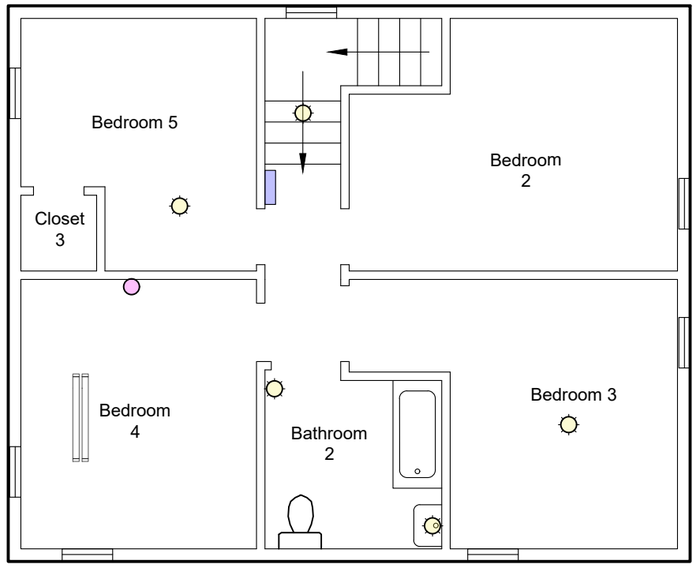
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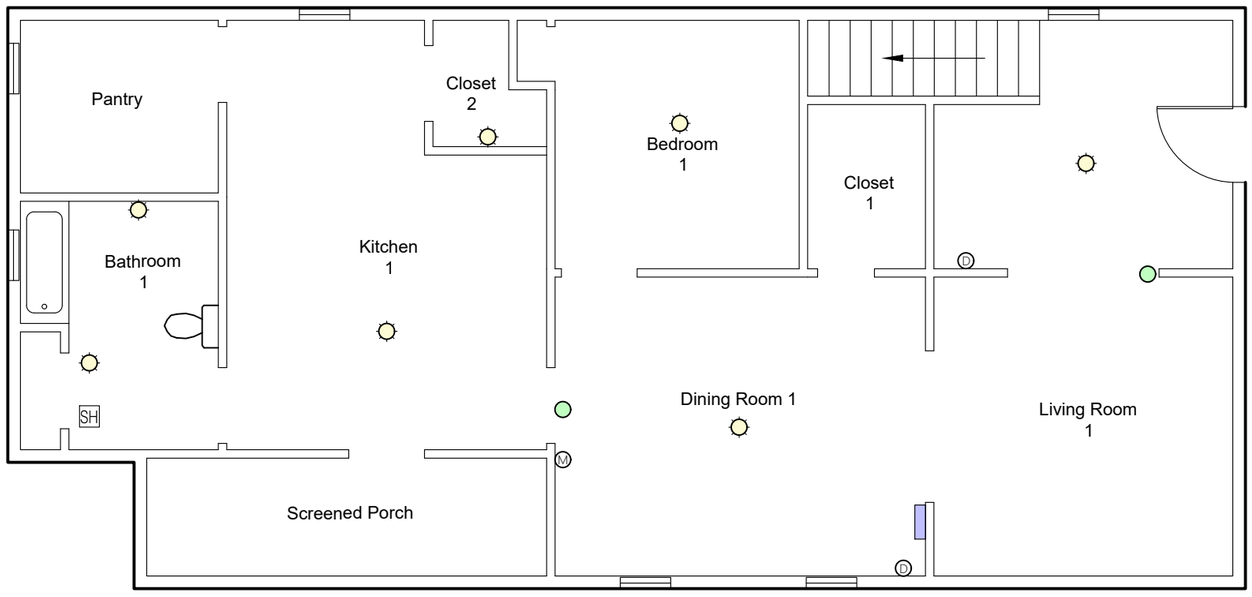
DWG: HAZARDOUS MATERIAL SURVEY

PAGE: 5



Second Floor Plan

SCALE: 1"=6'-0"



First Floor Plan

SCALE: 1"=6'-0"

A3E CONSULTANTS

Legend

- Light
- Carbon Monoxide Detector
- Fluorescent Light and Ballast
- Thermostat & Intercom
- SH Space Heater
- Smoke/Fire Alarm
- D Doorbell
- M Motion Detector

REV #	DESCRIPTION	DATE

SITE:
15314 Myrtle Avenue
Harvey, IL 60426

PROJECT NUMBER: 2025.0320

DATE: 06.05.2025

SCALE: 1" = 6'-0"

DWG: HAZARDOUS MATERIAL SURVEY

PAGE: 6

IDPH
ILLINOIS DEPARTMENT OF PUBLIC HEALTH

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

IDPH

ASBESTOS PROFESSIONAL LICENSE

ID NUMBER	ISSUED	EXPIRES
100 - 10967	3/10/2025	05/15/2026

PATRICK W HOOK
2025 WOODLANE DR
LINDENHURST, IL 60046
Environmental Health



Back of License

ENDORSEMENTS	TC EXPIRES
INSPECTOR	1/10/2026
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

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ENVIRONMENTAL SCIENTISTS | INDUSTRIAL HYGIENISTS

LABORATORY REPORT
BULK SAMPLE ASBESTOS EVALUATION BY POLARIZED LIGHT MICROSCOPY METHOD

Client:	A3 Environmental			**Project Location:**	15314 Myrtle Ave.
Contact	Patrick Hook			**Project Reference:**	2025.0320
Address:	3030 Warrenville Rd., Suite 418			**TEM Project:**	76525
	Lisle	IL	60532-	**Analyzed by:**	Lori Boersma
				Date Analyzed:	5/19/2025

Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID Description	Lab ID	Color		Type	Percent	Type	Percent	Filler Binder	Comments
TS1-A Brown & White Transite Siding	570699	Brown/White	**Yes**	**Chrysotile:**	**10-15**	-	-	85-90	
TS1-B Brown & White Transite Siding	570700	Brown/White	**Yes**	**Chrysotile:**	**10-15**	-	-	85-90	
TS1-C Brown & White Transite Siding	570701	Brown/White	**Yes**	**Chrysotile:**	**10-15**	-	-	85-90	
SH1-A Black Shingles (Roof)	570702	Black	None Detected	-	-	- Glass:	- 50-60	40-50	
SH1-B Black Shingles (Roof)	570703	Black	None Detected	-	-	- Glass:	- 50-60	40-50	
SH1-C Black Shingles (Roof)	570704	Black	None Detected	-	-	- Glass:	- 50-60	40-50	
FP1-A Felt/Tar Paper	570705	Black	None Detected	-	-	Cellulose:	80-90	10-20	
FP1-B Felt/Tar Paper	570706	Black	None Detected	-	-	Cellulose:	80-90	10-20	

630-790-0880 INFO@TEM-INC.COM 174 N BRANDON DRIVE GLENDALE HEIGHTS, ILLINOIS 60139

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ENVIRONMENTAL SCIENTISTS | INDUSTRIAL HYGIENISTS

LABORATORY REPORT
BULK SAMPLE ASBESTOS EVALUATION BY POLARIZED LIGHT MICROSCOPY METHOD

Client:	A3 Environmental			**Project Location:**	15314 Myrtle Ave.
Contact	Patrick Hook			**Project Reference:**	2025.0320
Address:	3030 Warrenville Rd., Suite 418			**TEM Project:**	76525
	Lisle	IL	60532-	**Analyzed by:**	Lori Boersma
				Date Analyzed:	5/19/2025

Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID Description	Lab ID	Color		Type	Percent	Type	Percent	Filler Binder	Comments
FP1-C Felt/Tar Paper	570707	Black	None Detected	-	-	Cellulose:	80-90	10-20	
FBM1-A Flue Brick (Basement)	570708	Red	None Detected	-	-	-	-	90-100	
FBM1-B Flue Brick (Basement)	570709	Red	None Detected	-	-	-	-	90-100	
FBM1-C Flue Brick (Basement)	570710	Red	None Detected	-	-	-	-	90-100	
FBM1-A* Mortar (Basement)	570711	Gray	None Detected	-	-	-	-	90-100	
FBM1-B* Mortar (Basement)	570712	Gray	None Detected	-	-	-	-	90-100	
FBM1-C* Mortar (Basement)	570713	Gray	None Detected	-	-	-	-	90-100	
TP1-A Textured Paint Ceiling - LR	570714	White	None Detected	-	-	-	-	90-100	

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LABORATORY REPORT
BULK SAMPLE ASBESTOS EVALUATION BY POLARIZED LIGHT MICROSCOPY METHOD

Client:	A3 Environmental			**Project Location:**	15314 Myrtle Ave.
Contact	Patrick Hook			**Project Reference:**	2025.0320
Address:	3030 Warrenville Rd., Suite 418			**TEM Project:**	76525
	Lisle	IL	60532-	**Analyzed by:**	Lori Boersma
				Date Analyzed:	5/19/2025

Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID / Description	Lab ID	Color		Type	Percent	Type	Percent	Filler / Binder	Comments
TP1-B Textured Paint Ceiling - LR	570715	White	None Detected	-	-	-	-	90-100	
TP1-C Textured Paint Ceiling - LR	570716	White	None Detected	-	-	-	-	90-100	
TP2-A Textured Paint Wall - LR	570717	White	None Detected	-	-	-	-	90-100	
TP2-B Textured Paint Wall - LR	570718	White	None Detected	-	-	-	-	90-100	
TP2-C Textured Paint Wall - LR	570719	White	None Detected	-	-	-	-	90-100	
PL1-A Plaster - Base Coat	570720	Gray	None Detected	-	-	-	-	90-100	
PL1-B Plaster - Base Coat	570721	Gray	None Detected	-	-	Cellulose:	1-2	98-99	
PL1-C Plaster - Base Coat	570722	Gray	None Detected	-	-	-	-	90-100	

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Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID Description	Lab ID	Color		Type	Percent	Type	Percent	Filler Binder	Comments
PL1-D Plaster - Base Coat	570723	Gray	None Detected	-	-	-	-	90-100	
PL1-E Plaster - Base Coat	570724	Gray	None Detected	-	-	Cellulose:	1-2	98-99	
PL1-F Plaster - Base Coat	570725	Gray	None Detected	-	-	-	-	90-100	
PL1-G Plaster - Base Coat	570726	Gray	None Detected	-	-	Cellulose:	Trace	90-100	
PL1-A* Plaster - Skim Coat	570727	White	None Detected	-	-	-	-	90-100	
PL1-B* Plaster - Skim Coat	570728	White	None Detected	-	-	Cellulose:	1-2	98-99	
PL1-C* Plaster - Skim Coat	570729	White	None Detected	-	-	Cellulose:	Trace	90-100	
PL1-D* Plaster - Skim Coat	570730	White	None Detected	-	-	Cellulose:	Trace	90-100	

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Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID / Description	Lab ID	Color		Type	Percent	Type	Percent	Filler / Binder	Comments
PL1-E* Plaster - Skim Coat	570731	White	None Detected	-	-	-	-	90-100	
PL1-F* Plaster - Skim Coat	570732	White	None Detected	-	-	-	-	90-100	
PL1-G* Plaster - Skim Coat	570733	White	None Detected	-	-	Cellulose:	Trace	90-100	
CFT2-A 12 x12" Ceramic FT Kit/Bath 2	570734	Brown	None Detected	-	-	-	-	90-100	
CFT2-B 12 x12" Ceramic FT Kit/Bath 2	570735	Brown	None Detected	-	-	-	-	90-100	
CFT2-C 12 x12" Ceramic FT Kit/Bath 2	570736	Brown	None Detected	-	-	-	-	90-100	
CFT2-A* Ceramic FT Adhesive	570737	White	None Detected	-	-	Cellulose:	Trace	90-100	
CFT2-B* Ceramic FT Adhesive	570738	White	None Detected	-	-	Cellulose:	Trace	90-100	

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Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID Description	Lab ID	Color		Type	Percent	Type	Percent	Filler Binder	Comments
CFT2-C* Ceramic FT Adhesive	570739	Gray	None Detected	-	-	Cellulose:	Trace	90-100	
FL1-A Gray Floor Leveler - Kitchen	570740	Gray	None Detected	-	-	Cellulose:	30-40	60-70	
FL1-B Gray Floor Leveler - Kitchen	570741	Gray	None Detected	-	-	Cellulose:	30-40	60-70	
FL1-C Gray Floor Leveler - Kitchen	570742	Gray	None Detected	-	-	Cellulose:	30-40	60-70	
LN1-A Yellow Square Linoleum	570743	Yellow	None Detected	-	-	Cellulose: Glass:	30-35 10-15	50-60	
LN1-B Yellow Square Linoleum	570744	Yellow	None Detected	-	-	Cellulose: Glass:	30-35 10-15	50-60	
LN1-C Yellow Square Linoleum	570745	Yellow	None Detected	-	-	Cellulose: Glass:	30-35 10-15	50-60	
LN1-A* Yellow Square Lino. Adhesive	570746	Black	None Detected	-	-	Cellulose:	80-90	10-20	

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Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID / Description	Lab ID	Color		Type	Percent	Type	Percent	Filler / Binder	Comments
LN1-B* Yellow Square Lino. Adhesive	570747	Black	None Detected	-	-	Cellulose:	80-90	10-20	
LN1-C* Yellow Square Lino. Adhesive	570748	Black	None Detected	-	-	Cellulose:	80-90	10-20	
DBA1-A White Decorative Backsplash	570749	White	None Detected	-	-	-	-	90-100	
DBA1-B White Decorative Backsplash	570750	White	None Detected	-	-	-	-	90-100	
DBA1-C White Decorative Backsplash	570751	White	None Detected	-	-	-	-	90-100	
DBA1-A* Backsplash Adhesive	570752	Tan	None Detected	-	-	-	-	90-100	
DBA1-B* Backsplash Adhesive	570753	Tan	None Detected	-	-	-	-	90-100	
DBA1-C* Backsplash Adhesive	570754	Tan	None Detected	-	-	-	-	90-100	

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Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID Description	Lab ID	Color		Type	Percent	Type	Percent	Filler Binder	Comments
ST1-A Brown Stair Tread	570755	Brown	None Detected	-	-	-	-	90-100	
ST1-B Brown Stair Tread	570756	Brown	None Detected	-	-	-	-	90-100	
ST1-C Brown Stair Tread	570757	Brown	None Detected	-	-	-	-	90-100	
DBA2-A Gold Rectangle Backsplash	570758	Gold	None Detected	-	-	-	-	90-100	
DBA2-B Gold Rectangle Backsplash	570759	Gold	None Detected	-	-	-	-	90-100	
DBA2-C Gold Rectangle Backsplash	570760	Gold	None Detected	-	-	-	-	90-100	
DBA2-A* Backsplash Adhesive	570761	Clear/Black	None Detected	-	-	-	-	90-100	
DBA2-B* Backsplash Adhesive	570762	Clear/Black	None Detected	-	-	-	-	90-100	

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Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID Description	Lab ID	Color		Type	Percent	Type	Percent	Filler Binder	Comments
DBA2-C* Backsplash Adhesive	570763	Clear/Black	None Detected	-	-	-	-	90-100	
FT1-A 12"x12" Wood Parquet FT	570764	Brown	None Detected	-	-	-	-	90-100	SLM
FT1-B 12"x12" Wood Parquet FT	570765	Brown	None Detected	-	-	-	-	90-100	SLM
FT1-C 12"x12" Wood Parquet FT	570766	Brown	None Detected	-	-	-	-	90-100	SLM
FT1-A* Wood Parquet FT Mastic	570767	Yellow/Clear	None Detected	-	-	Cellulose: Glass:	1-2 Trace	98-99	
FT1-B* Wood Parquet FT Mastic	570768	Yellow/Clear	None Detected	-	-	Cellulose:	2-3	97-98	
FT1-C* Wood Parquet FT Mastic	570769	Yellow/Clear	None Detected	-	-	Cellulose:	Trace	90-100	
FT2-A 12"x12" Beige Floor Tile	570770	Beige	None Detected	-	-	-	-	90-100	SLM

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Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID / Description	Lab ID	Color		Type	Percent	Type	Percent	Filler / Binder	Comments
FT2-B 12"x12" Beige Floor Tile	570771	Beige	None Detected	-	-	-	-	90-100	SLM
FT2-C 12"x12" Beige Floor Tile	570772	Beige	None Detected	-	-	-	-	90-100	SLM
FT2-A* Beige FT Mastic	570773	Yellow/Black	None Detected	-	-	Cellulose:	3-5	95-97	
FT2-B* Beige FT Mastic	570774	Yellow/Black	None Detected	-	-	Cellulose:	3-5	95-97	
FT2-C* Beige FT Mastic	570775	Yellow/Black	None Detected	-	-	Cellulose:	3-5	95-97	
CT1-A 12"x12" White Ceiling Tile	570776	White/Tan	None Detected	-	-	Cellulose:	90-100	0-10	
CT1-B 12"x12" White Ceiling Tile	570777	White/Tan	None Detected	-	-	Cellulose:	90-100	0-10	
CT1-C 12"x12" White Ceiling Tile	570778	White/Tan	None Detected	-	-	Cellulose:	90-100	0-10	

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Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID Description	Lab ID	Color		Type	Percent	Type	Percent	Filler Binder	Comments
CT2-A 1.5 x1.5 White Ceiling Tile	570779	White/Gray	None Detected	-	-	Cellulose: Glass:	40-45 30-35	20-30	
CT2-B 1.5 x1.5 White Ceiling Tile	570780	White/Gray	None Detected	-	-	Cellulose: Glass:	40-45 30-35	20-30	
CT2-C 1.5 x1.5 White Ceiling Tile	570781	White/Gray	None Detected	-	-	Cellulose: Glass:	40-45 30-35	20-30	
CT3-A 14"x14" White Ceiling Tile	570782	White/Tan	None Detected	-	-	Cellulose:	90-100	0-10	
CT3-B 14"x14" White Ceiling Tile	570783	White/Tan	None Detected	-	-	Cellulose:	90-100	0-10	
CT3-C 14"x14" White Ceiling Tile	570784	White/Tan	None Detected	-	-	Cellulose:	90-100	0-10	
WP1-A Yellow/Brown Painted Wallpaper	570785	Yellow/Brown	None Detected	-	-	Cellulose:	70-80	20-30	
WP1-B Yellow/Brown Painted Wallpaper	570786	Yellow/Brown	None Detected	-	-	Cellulose:	70-80	20-30	

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Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID / Description	Lab ID	Color		Type	Percent	Type	Percent	Filler / Binder	Comments
WP1-C Yellow/Brown Painted Wallpaper	570787	Yellow/Brown	None Detected	-	-	Cellulose:	70-80	20-30	
WPN1-A White w/Gold Wall Panel	570788	White/Gold	None Detected	-	-	Cellulose:	90-100	0-10	
WPN1-B White w/Gold Wall Panel	570789	White/Gold	None Detected	-	-	Cellulose:	90-100	0-10	
WPN1-C White w/Gold Wall Panel	570790	White/Gold	None Detected	-	-	Cellulose:	90-100	0-10	
WPN2-A Wall Panel Mastic Only	570791	Yellow	None Detected	-	-	Cellulose:	5-10	90-95	
WPN2-B Wall Panel Mastic Only	570792	Yellow	None Detected	-	-	Cellulose:	5-10	90-95	
WPN2-C Wall Panel Mastic Only	570793	Yellow	None Detected	-	-	Cellulose:	5-10	90-95	
WPN3-A White Wall Panel	570794	White	None Detected	-	-	Cellulose:	90-100	0-10	

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Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID Description	Lab ID	Color		Type	Percent	Type	Percent	Filler Binder	Comments
WPN3-B White Wall Panel	570795	White	None Detected	-	-	Cellulose:	90-100	0-10	
WPN3-C White Wall Panel	570796	White	None Detected	-	-	Cellulose:	90-100	0-10	
LN2-A Green Pattern Linoleum	570797	Green	None Detected	-	-	-	-	90-100	
LN2-B Green Pattern Linoleum	570798	Green	None Detected	-	-	-	-	90-100	
LN2-C Green Pattern Linoleum	570799	Green	None Detected	-	-	-	-	90-100	
LN2-A* Green Pattern Lino. Adhesive	570800	Yellow/Black	None Detected	-	-	Cellulose:	Trace	90-100	
LN2-B* Green Pattern Lino. Adhesive	570801	Yellow/Black	None Detected	-	-	Cellulose:	Trace	90-100	
LN2-C* Green Pattern Lino. Adhesive	570802	Yellow/Black	None Detected	-	-	Cellulose:	Trace	90-100	

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Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID / Description	Lab ID	Color		Type	Percent	Type	Percent	Filler / Binder	Comments
FT3-A 12"x12" Brown Floor Tile	570803	Brown	None Detected	-	-	-	-	90-100	SLM
FT3-B 12"x12" Brown Floor Tile	570804	Brown	None Detected	-	-	-	-	90-100	SLM
FT3-C 12"x12" Brown Floor Tile	570805	Brown	None Detected	-	-	-	-	90-100	SLM
FT3-A* 12"x12" Brown FT Mastic	570806	Yellow	None Detected	-	-	Cellulose:	1-2	98-99	
FT3-B* 12"x12" Brown FT Mastic	570807	Yellow	None Detected	-	-	Cellulose:	Trace	90-100	
FT3-C* 12"x12" Brown FT Mastic	570808	Yellow	None Detected	-	-	-	-	90-100	
FT4-A Beige w/Red Streaks FT	570809	Beige/Red	**Yes**	**Chrysotile:**	**3-5**	-	-	95-97	
FT4-B Beige w/Red Streaks FT	570810	Beige/Red	**Yes**	**Chrysotile:**	**3-5**	-	-	95-97	

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Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID Description	Lab ID	Color		Type	Percent	Type	Percent	Filler Binder	Comments
FT4-C Beige w/Red Streaks FT	570811	Beige/Red	**Yes**	**Chrysotile:**	**3-5**	-	-	95-97	
FT4-A* Beige/Red FT Mastic	570812	Clear	None Detected	-	-	Cellulose:	10-20	80-90	
FT4-B* Beige/Red FT Mastic	570813	Clear	None Detected	-	-	Cellulose:	10-20	80-90	
FT4-C* Beige/Red FT Mastic	570814	Clear	None Detected	-	-	Cellulose:	10-20	80-90	
FT5-A Gray Floor Tile	570815	Gray	**Yes**	**Chrysotile:**	**3-5**	-	-	95-97	
FT5-B Gray Floor Tile	570816	Gray	**Yes**	**Chrysotile:**	**3-5**	-	-	95-97	
FT5-C Gray Floor Tile	570817	Gray	**Yes**	**Chrysotile:**	**3-5**	-	-	95-97	
FT5-A* Gray Floor Tile Mastic	570818	Clear	None Detected	-	-	Cellulose:	10-20	80-90	

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Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID / Description	Lab ID	Color		Type	Percent	Type	Percent	Filler / Binder	Comments
FT5-B* Gray Floor Tile Mastic	570819	Clear	None Detected	-	-	Cellulose:	10-20	80-90	
FT5-C* Gray Floor Tile Mastic	570820	Clear/Black	None Detected	-	-	Cellulose:	10-20	80-90	
FTP1-A Floor Tar Paper under FT2	570821	Black	None Detected	-	-	Cellulose:	80-90	10-20	
FTP1-B Floor Tar Paper under FT2	570822	Black	None Detected	-	-	Cellulose:	80-90	10-20	
FTP1-C Floor Tar Paper under FT2	570823	Black	None Detected	-	-	Cellulose:	80-90	10-20	
FTP2-A Floor Tar Paper under FT3	570824	Black	None Detected	-	-	Cellulose:	80-90	10-20	
FTP2-B Floor Tar Paper under FT3	570825	Black	None Detected	-	-	Cellulose:	80-90	10-20	
FTP2-C Floor Tar Paper under FT3	570826	Black	None Detected	-	-	Cellulose:	80-90	10-20	

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LABORATORY REPORT
BULK SAMPLE ASBESTOS EVALUATION BY POLARIZED LIGHT MICROSCOPY METHOD

Client:	A3 Environmental			**Project Location:**	15314 Myrtle Ave.
Contact	Patrick Hook			**Project Reference:**	2025.0320
Address:	3030 Warrenville Rd., Suite 418			**TEM Project:**	76525
	Lisle	IL	60532-	**Analyzed by:**	Lori Boersma
				Date Analyzed:	5/19/2025

Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID / Description	Lab ID	Color		Type	Percent	Type	Percent	Filler / Binder	Comments
FTP3-A Floor Tar Paper under LN2	570827	Black	None Detected	-	-	Cellulose:	80-90	10-20	
FTP3-B Floor Tar Paper under LN2	570828	Black	None Detected	-	-	Cellulose:	80-90	10-20	
FTP3-C Floor Tar Paper under LN2	570829	Black	None Detected	-	-	Cellulose:	80-90	10-20	
SF1-A Polka Dot Sheet Flooring	570830	Multi-color	None Detected	-	-	Cellulose:	70-80	20-30	
SF1-B Polka Dot Sheet Flooring	570831	Multi-color	None Detected	-	-	Cellulose:	70-80	20-30	
SF1-C Polka Dot Sheet Flooring	570832	Multi-color	None Detected	-	-	Cellulose:	70-80	20-30	
SF2-A Brown Sheet Flooring	570833	Brown	None Detected	-	-	Cellulose:	85-95	5-15	
SF2-B Brown Sheet Flooring	570834	Brown	None Detected	-	-	Cellulose:	85-95	5-15	

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LABORATORY REPORT
BULK SAMPLE ASBESTOS EVALUATION BY POLARIZED LIGHT MICROSCOPY METHOD

Client:	A3 Environmental	**Project Location:**	15314 Myrtle Ave.
Contact	Patrick Hook	**Project Reference:**	2025.0320
Address:	3030 Warrenville Rd., Suite 418	**TEM Project:**	76525
	Lisle IL 60532-	**Analyzed by:**	Lori Boersma
		Date Analyzed:	5/19/2025

Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID / Description	Lab ID	Color		Type	Percent	Type	Percent	Filler / Binder	Comments
SF2-C Brown Sheet Flooring	570835	Brown	None Detected	-	-	Cellulose:	85-95	5-15	
SF3-A Gray/Green Sheet Flooring	570836	Gray/Green	None Detected	-	-	Cellulose:	70-80	20-30	
SF3-B Gray/Green Sheet Flooring	570837	Gray/Green	None Detected	-	-	Cellulose:	70-80	20-30	
SF3-C Gray/Green Sheet Flooring	570838	Gray/Green	None Detected	-	-	Cellulose:	70-80	20-30	
SF4-A Green Swirl Sheet Flooring	570839	Green	None Detected	-	-	Cellulose:	70-80	20-30	
SF4-B Green Swirl Sheet Flooring	570840	Green	None Detected	-	-	Cellulose:	70-80	20-30	
SF4-C Green Swirl Sheet Flooring	570841	Green	None Detected	-	-	Cellulose:	70-80	20-30	
SF5-A Green & Black Speck Sheet Flr	570842	Green/Black	None Detected	-	-	Cellulose:	70-80	20-30	

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Address:	3030 Warrenville Rd., Suite 418			**TEM Project:**	76525
	Lisle	IL	60532-	**Analyzed by:**	Lori Boersma
				Date Analyzed:	5/19/2025

Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID / Description	Lab ID	Color		Type	Percent	Type	Percent	Filler / Binder	Comments
SF5-B Green & Black Speck Sheet Flr	570843	Green/Black	None Detected	-	-	Cellulose:	70-80	20-30	
SF5-C Green & Black Speck Sheet Flr	570844	Green/Black	None Detected	-	-	Cellulose:	70-80	20-30	
FTP4-A Floor Tar Paper under SF3	570845	Black	None Detected	-	-	Cellulose:	80-90	10-20	
FTP4-B Floor Tar Paper under SF3	570846	Black	None Detected	-	-	Cellulose:	80-90	10-20	
FTP4-C Floor Tar Paper under SF3	570847	Black	None Detected	-	-	Cellulose:	80-90	10-20	
FTP5-A Floor Tar Paper under SF3	570848	Black	None Detected	-	-	Cellulose:	80-90	10-20	
FTP5-B Floor Tar Paper under SF3	570849	Black	None Detected	-	-	Cellulose:	80-90	10-20	
FTP5-C Floor Tar Paper under SF3	570850	Black	None Detected	-	-	Cellulose:	80-90	10-20	

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LABORATORY REPORT
BULK SAMPLE ASBESTOS EVALUATION BY POLARIZED LIGHT MICROSCOPY METHOD

Client:	A3 Environmental	**Project Location:**	15314 Myrtle Ave.
Contact	Patrick Hook	**Project Reference:**	2025.0320
Address:	3030 Warrenville Rd., Suite 418	**TEM Project:**	76525
	Lisle IL 60532-	**Analyzed by:**	Lori Boersma
		Date Analyzed:	5/19/2025

Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID Description	Lab ID	Color		Type	Percent	Type	Percent	Filler Binder	Comments
FTP6-A Floor Tar Paper under SF6	570851	Black	None Detected	-	-	Cellulose:	80-90	10-20	
FTP6-B Floor Tar Paper under SF6	570852	Black	None Detected	-	-	Cellulose:	80-90	10-20	
FTP6-C Floor Tar Paper under SF6	570853	Black	None Detected	-	-	Cellulose:	80-90	10-20	
SF6-A Tan & Gray Sheet Flooring	570854	Tan/Gray	None Detected	-	-	Cellulose:	70-80	20-30	
SF6-B Tan & Gray Sheet Flooring	570855	Tan/Gray	None Detected	-	-	Cellulose:	70-80	20-30	
SF6-C Tan & Gray Sheet Flooring	570856	Tan/Gray	None Detected	-	-	Cellulose:	70-80	20-30	

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LABORATORY REPORT
BULK SAMPLE ASBESTOS EVALUATION BY POLARIZED LIGHT MICROSCOPY METHOD

Client:	A3 Environmental			**Project Location:**	15314 Myrtle Ave.
Contact	Patrick Hook			**Project Reference:**	2025.0320
Address:	3030 Warrenville Rd., Suite 418			**TEM Project:**	76525
	Lisle	IL	60532-	**Analyzed by:**	Lori Boersma
				Date Analyzed:	5/19/2025

Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID	Lab ID	Color						Filler	Comments
Description				Type	Percent	Type	Percent	Binder	

Samples are analyzed following the procedures contained in the USEPA Method 600/R-93/116 July 1993. This report applies only to samples analyzed. This report may not be reproduced except in full and with the approval of TEM Environmental, Inc. This report may not be used by the client to claim product endorsement by NVLAP or any agency of the US government. An estimate of the laboratory uncertainty is available upon request.
SLM: Certain samples may warrant additional analysis beyond the standard USEPA Polarized Light Microscopy method. 1) Further testing using the point count method is recommend for friable samples found to contain less than 10% asbestos by PLM to confirm that the samples are in fact regulated asbestos containing materials (RACM) as defined by the USEPA NESHAP Regulation. 2) The optical resolution of a polarized light microscope limits the size of fibers that are visible. In cases where very small fibers may be present, such as in samples of floor tiles, vermiculite or certain construction adhesives, the result of the PLM analysis is not conclusive when the sample is reported as "None Detected" or "Trace". Further testing using transmission electron microscopy is recommended in those cases where samples may contain very small fibers which may be smaller than the resolution limit of a polarized light microscope. All such services are available for an additional fee.

Analytical services provided are subject to the Terms and Conditions listed on our website.

Report Approved by:

630-790-0880 INFO@TEM-INC.COM 174 N BRANDON DRIVE GLENDALE HEIGHTS, ILLINOIS 60139

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CHAIN OF CUSTODY FORM

Client: A3E	Date: 05/09/2025
Contact: Patrick Hook	
Address: 3030 Warrenville Road	
City/State/Zip: Lisle	
Phone: 773-243-7533	Fax:
Email: Patrick@a3e.com	

TAT RUSH/WKD [ ] 24HR [ ] 48HR [ ] 72HR [ ] 4 DAYS [ ] > 5 DAYS [✔]

Project Name/No: 15314 Myrtle Ave / 2025.0320

Results Due by (Date & Time):

TEM Project #: 76525

NVLAP ID 101130 AIHA-PAT ID 101151 AIHA-AAR ID 101151

Comments: Please Analyze Mastics & Adhesives

PO/Quote#:

	Client ID No.	Description	Sample Volume	PLM: Bulk	PLM: Point Count	PLM: Gravimetric	TEM: Air-AHERA	TEM: Air-Other	TEM: Bulk	TEM: Chatfield	TEM: Water	TEM: Micro-Vac	TEM: PCM-Air	TEM: Other	Comments
	TS1-A,B,C	Brown and White Transite Siding		✔											
	SH1-A,B,C	Black Shingles (Roof)		✔											
	FP1-A,B,C	Felt/Tar Paper		✔											
X	FBM1-A,B,C	Flue Brick and Mortar (Basement)		✔											
	TP1-A,B,C	Textured Paint Ceiling (Living Room)		✔											
	TP2-A,B,C	Textured Paint Wall (Living Room)		✔											
X	PL1-A,B,C,D,E,F,G	Plaster (Base & Skim Coat)		✔											
X	CFT2-A,B,C	12"x12" Brown Ceramic Floor Tile & Adhesive (Kitchen, Bathroom 2)		✔											
	FL1-A,B,C	Gray Floor Leveler (Kitchen)		✔											
X	LN1-A,B,C	Yellow Square Linoleum & Adhesive (Kitchen, Washer-Dryer Room)		✔											
X	DBA1-A,B,C	White Decorative Backsplash & Adhesive (Kitchen)		✔											
	ST1-A,B,C	Brown Stair Tread (Riser-Runs of Stairs)		✔											
X	DBA2-A,B,C	Gold Rectangle Backsplash & Adhesive (Kitchen)		✔											
X	FT1-A,B,C	12"x12" Wood Parquet Floor Tile & Mastic (Bedrooms 2-5, 2nd Floor Hallway)		✔											
X	FT2-A,B,C	12"x12" Beige Floor Tile & Mastic		✔											

RELINQUISHED BY (SIGNATURE): Patrick Hook 1935	DATE/TIME 5-9-25 3:04	RECEIVED BY (SIGNATURE):	DATE/TIME 5/9/25 3:10pm
RELINQUISHED BY (SIGNATURE):	DATE/TIME	RECEIVED BY (SIGNATURE):	DATE/TIME
LOGGED IN BY (SIGNATURE):	DATE/TIME	ANALYZED BY (SIGNATURE):	DATE/TIME

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CHAIN OF CUSTODY FORM

Client: A3E	Date: 05/09/2025
Contact: Patrick Hook	
Address: 3030 Warrenville Road	
City/State/Zip: Lisle	
Phone: 773-243-7533	Fax:
Email: Patrick@a3e.com	

TAT RUSH/WKD [ ] 24HR [ ] 48HR [ ] 72HR [ ] 4 DAYS [ ] > 5 DAYS [✔]

Project Name/No: 15314 Myrtle Ave / 2025.0320

Results Due by (Date & Time):

TEM Project #: 76525

NVLAP ID 101130 AIHA-PAT ID 101151 AIHA-AAR ID 101151

Comments: Please Analyze Mastics & Adhesives

PO/Quote#:

Client ID No.	Description	Sample Volume	PLM: Bulk	PLM: Point Count	PLM: Gravimetric	TEM: Air-AHERA	TEM: Air-Other	TEM: Bulk	TEM: Chatfield	TEM: Water	TEM: Micro-Vac	TEM: PCM-Air	TEM: Other	Comments
CT1-A,B,C	12"x12" White Ceiling Tile (Entire 2nd Floor, Screen Porch)		✔											
CT2-A,B,C	1.5'x1.5' White Ceiling Tile (Bedroom 4 & 5)		✔											
CT3-A,B,C	14"x14' White Ceiling Tile (Bedroom 1)		✔											
WP1-A,B,C	Yellow and Brown Painted Wall Paper (Dining Room)		✔											
WPN1-A,B,C	White With Gold Wall Panel (Bedrooms 2 & 5, 2nd Floor Hallway)		✔											
WPN2-A,B,C	White With Gold Wall Panel Mastic ONLY (Bathroom 2)		✔											
WPN3-A,B,C	White Wall Panel (Bathroom 1)		✔											
LN2-A,B,C	Green Pattern Linoleum and Adhesive (Bathroom 2)		✔											
FT3-A,B,C	Brown 12"x12" Floor Tile & Mastic (Bathroom 2)		✔											
FT4-A,B,C	Beige with Red Streaks Floor Tile & Mastic (Bedroom 3)		✔											
FT5-A,B,C	Gray Floor Tile & Mastic (Bedroom 3)		✔											
FTP1-A,B,C	Floor Tar Paper Under FT2 (Bathroom 1)		✔											
FTP2-A,B,C	Floor Tar Paper Under FT3 (Bathroom 2)		✔											
FTP3-A,B,C	Floor Tar Paper Under LN2 (Bathroom 2)		✔											

RELINQUISHED BY (SIGNATURE): A3E	DATE/TIME 5-9-25 3:04	RECEIVED BY (SIGNATURE):	DATE/TIME 5/9/25 3:10pm
RELINQUISHED BY (SIGNATURE):	DATE/TIME	RECEIVED BY (SIGNATURE):	DATE/TIME
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2

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174 N BRANDON DRIVE | GLENDALE HEIGHTS, ILLINOIS 60139
630-790-0880 | INFO@TEM-INC.COM

CHAIN OF CUSTODY FORM

Client: A3E	Date: 05/09/2025
Contact: Patrick Hook	
Address: 3030 Warrenville Road	
City/State/Zip: Lisle	
Phone: 773-243-7533	Fax:
Email: Patrick@a3e.com	

TAT RUSH/WKD [ ] 24HR [ ] 48HR [ ] 72HR [ ] 4 DAYS [ ] > 5 DAYS [✔]

Project Name/No: 15314 Myrtle Ave / 2025.0320

Results Due by (Date & Time):

TEM Project #: 26525

NVLAP ID 101130 AIHA-PAT ID 101151 AIHA-AAR ID 101151

Comments:

PO/Quote#:

Client ID No.	Description	Sample Volume	PLM: Bulk	PLM: Point Count	PLM: Gravimetric	TEM: Air-AHERA	TEM: Air-Other	TEM: Bulk	TEM: Chatfield	TEM: Water	TEM: Micro-Vac	TEM: PCM-Air	TEM: Other	Comments
SF1-A,B,C	Polka Dot Sheet Flooring (Closet 3)		✔											
SF2-A,B,C	Brown Sheet Flooring (Bedroom 3)		✔											
SF3-A,B,C	Gray With Green Sheet Flooring With Red Backing (Bedroom 3)		✔											
SF4-A,B,C	Green Swirl Sheet Flooring (Bedroom 5)		✔											
SF5-A,B,C	Green & Black Speck Sheet Flooring (Bedroom 4)		✔											
FTP4-A,B,C	Floor Tar Paper (Bedroom 4 Top of SF3, Bedroom 3 Under SF3)		✔											
FTP5-A,B,C	Floor Tar Paper (Bedroom 4 Under SF3)		✔											
FTP6-A,B,C	Floor Tar Paper (Hallway Under SF6)		✔											
SF6-A,B,C	Tan/Gray Sheet Flooring													

RELINQUISHED BY (SIGNATURE): A3E	DATE/TIME 5-9-25 3:04	RECEIVED BY (SIGNATURE):	DATE/TIME 5/9/25 3:10pm
RELINQUISHED BY (SIGNATURE):	DATE/TIME	RECEIVED BY (SIGNATURE):	DATE/TIME
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1
15314 Myrtle Avenue



2
West Elevation



3
East Elevation



4
North Elevation



5
Brown & White Transite Siding (TS1)



6
Black Shingles (SH1) & Felt/Tar Paper (FP1)



7
PLASTER (PL1)



8
FLUE BRICK AND MORTAR IN BASEMENT (FBM1)



9
WHITE TEXTURED PAINT (TP1) LIVING ROOM CEILING AND LIGHT FIXTURE



10
WHITE TEXTURED PAINT (TP2) LIVING ROOM WALL



11
12"X12" BROWN CERAMIC FLOOR TILE & ADHESIVE (CFT2) KITCHEN



12
GRAY FLOOR LEVELER (FL1) IN KITCHEN



13
Brown Floor Tile & Mastic (FT3) Followed by Floor Tar Paper (FTP2) Followed by Green Pattern Linoleum (LN2) Followed by Floor Tar Paper (FTP3) in Bathroom 2



14
12"x12" Beige Floor Tile & Mastic (FT2) Followed by Floor Tar Paper (FTP1) in Bathroom 1



15
Bedroom 2



16
12"x12" Wood Parquet Floor Tile & Mastic (FT1) Followed by Brown Sheet Flooring (SF2) Followed by Gray with Green Sheet Flooring with Red Backing (SF3) Followed by Floor Tar Paper (FTP6) in Bedroom 2.



17
Bedroom 3



18
12"x12" Wood Parquet Floor Tile & Mastic (FT1) Followed by Beige with Red Streaks Floor Tile & Mastic (FT4) Followed by Brown Sheet Flooring (SF2) Followed by Gray Floor Tile & Mastic (FT5) Followed by Gray with Green



19
Bedroom 4



20
12"x12" Wood Parquet Floor Tile & Mastic (FT1) Followed by Green & Black Speck Sheet Flooring (SF5) Followed by Floor Tar Paper (FTP4) Followed by Gray with Green Sheet Flooring with Red Backing (SF3) Followed by Floor Tar



21
Bedroom 5



22
12"x12" Wood Parquet Floor Tile & Mastic (FT1) Followed by Brown Sheet Flooring (SF2) Followed by Green Swirl Sheet Flooring (SF4) in Bedroom 5.



23
2nd Floor Hallway



24
12"x12" Wood Parquet Floor Tile & Mastic (FT1) Followed by Brown Sheet Flooring (SF2) Followed by Green and Black Speck Sheet Flooring (SF5) Followed by Floor Tar Paper (FTP6) in 2nd Floor Hallway



25
Brown Stair Tread (ST1)



26
White Decorative Backsplash & Adhesive (DBA1) and Gold and Gray Rectangle Backsplash & Adhesive (DBA2) in Kitchen



27
Yellow Square Linoleum & Adhesive (LN1) in Kitchen and Washer-Dryer Room



28
14"x14" White Ceiling Tile (CT3) in Bedroom 1



29
1.5'x1.5' White Pinhole Ceiling Tile (CT2) 2nd Floor Bedrooms 4 & 5



30
White Wall Panel (WPN3) in Bathroom 1



31
Plaster Upstairs Behind Wall Panel (Bedroom 2)



32
White with Gold Wall Panel (WPN1) Bedrooms 2 & 5, 2nd Floor Hallway (No Mastic)



33
12"x12" Ceiling Tile (CT1) Screen Porch, 2nd Floor



34
Brown Wall Paper (WP1) in Dining Room



35
White with Gold Wall Panel (WPN2) Mastic in Bathroom 2



36
Phone/Satellite Dish Box



37
Electric Meters, Phone and Cable Boxes



38
Gas Meter



39
Light Fixture



40
Satellite Dish



41
Range Hood



42
Exterior LED Light



43
LIGHT FIXTURE



44
LIGHT FIXTURE



45
DOORBELL



46
DOORBELL



47
SMOKE DETECTOR



48
CONDENSER MOTOR



49
CONDENSER HOUSING AND ELECTRICAL HOOKUP



50
MOTION DETECTOR



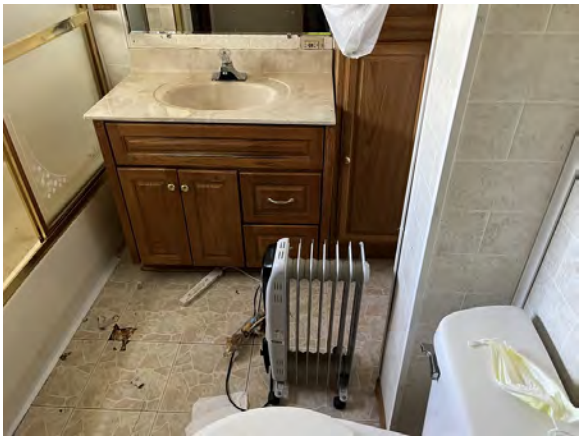
51
THERMOSTAT



52
THERMOSTAT AND INTERCOM



53
SMOKE DETECTOR



54
PORTABLE HEATER



55
EXTERIOR LIGHT



56
CARBON MONOXIDE DETECTOR



57
CEILING FAN AND LIGHT FIXTURE



58
CEILING FAN & LIGHT FIXTURE



59
CEILING FAN AND LIGHT FIXTURE

Lead Based Paint Inspection Report

For the Property Located at:



Upcoming Demolition Areas - House
15314 South Myrtle Avenue
Harvey, IL 60426

Prepared for:

Protecting Our Water Environment
Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

Inspected and Prepared By:

A3E, Inc.
3030 Warrenville Road, Suite 418
Lisle, IL 60532

Date Performed: May 1, 2025
Report Issued: May 14, 2025

Upcoming Demolition Areas - House
15314 South Myrtle Avenue, Harvey, IL 60426

Inspector: James W. Sundberg, IL1743

IDENTIFYING INFORMATION

A lead based paint (LBP) inspection was conducted on the potential demolition of the house at the property listed on the cover sheet. The property consisted of the following structures with general appearance and make.

One (1) Residence constructed in the 1920's. 2 Story wood house with pitched roof and basement. House had little original components.

A comprehensive LBP Inspection of accessible buildings and rooms was performed on this Property. The purpose of this inspection was to determine the presence or absence of Lead Based Paint (LBP), as defined by the United States Environmental Protection Agency (USEPA) and the Illinois Department of Public Health (IDPH). This inspection was conducted on May 1, 2025 by James W. Sundberg (License Number IL1743).

METHODOLOGY

Even though not applicable on this type of property, the protocol used for this inspection is based on the practices and procedures in the United States Department of Housing and Urban Development's (HUD) *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing*, 2012 Revision (HUD Guidelines) and the United States Environmental Protection Agency's (USEPA) 40 CFR Part 745 (*Lead; Identification of Dangerous Levels of Lead; Final Rule; January 5, 2001*), It should be noted that the Occupational Safety and Health Administration (OSHA) Lead in Construction Standard (29 CFR 1926.62) does not define Lead Based Paint (LBP). A modified, comprehensive inspection by building of building **WAS** performed. **Although all painted, varnished, and shellacked components on a room by room basis were tested, limited numbers of walls (about 2) per room were tested.**

The Inspection was conducted utilizing the Viken Detection (formerly Heuresis Pb200i XRF (Serial Number 2187). The XRF fieldwork was conducted in accordance with the guidelines outlined in the EPA Performance Characteristic Sheet (Attached). In addition, please note the report does not label locations as North, South, East, and West. It utilizes A, B, C, and D. For this report, Wall A corresponds to the East Wall (Street Address Side) in every room. Walls B, C, and D are labeled from Wall A in a clockwise manner. For this project, Wall A is to the East, Wall B is to the South, Wall C is to the West, and Wall D is to the North.

Upcoming Demolition Areas - House
15314 South Myrtle Avenue, Harvey, IL 60426

RESULTS

Component by component testing on a room by room basis was performed throughout the property. It was attempted to test all components that were painted, varnished, or shellacked. Some readings were above the United States Environmental Protection Agency (USEPA) and Illinois Department of Public Health (IDPH) Regulatory Level of 1.0 mg/cm². Table I, below, contains a summary of the generic components that tested POSITIVE for LBP on this property.

Since all accessible, painted components were tested, components not listed in Table I tested negative for LBP.

Beneath this Cover Letter are two reports that sort the **same** information different ways. The first is a Summary Report and the second is a Detailed Report. A Summary Report displays all readings that were at or above the USEPA and IDPH Regulatory Level of 1.0 mg/cm². The Detailed Report lists all the readings, by room, that were taken during the inspection. Positive readings are displayed in a red color, negative readings are blue in color, and calibration readings are black.

Upcoming Demolition Areas - House
15314 South Myrtle Avenue, Harvey, IL 60426

TABLE I
GENERIC COMPONENTS POSITIVE FOR LBP

ROOM	COMPONENT
Exterior House	Concrete Block Foundation Walls
	Older Wood Window Components
	Wall C Basement Wood Door Header
	Old Wood Siding (present under Siding)
	Wall B Wood Lattice
	Wall A Wood Door Jambs, Casings, and Threshold
Interior Foyer	Wood Support Columns and Beams
	Wood Baseboards and Door Casings
	Wood Stair Components (Painted)
Interior Kitchen	Plaster Walls and Ceiling
Interior SW Porch	Wood Wall D (Siding)
Interior 1 North Bedroom	Wood Window Sills
Interior 2nd Floor, All Rooms	Wood Door Jambs and Casings
	Wood Baseboards
Interior 2 Bathroom	Metal Sewer Pipe

All Components in some form of deteriorated condition.

APPLICABLE REGULATIONS

WORKER PROTECTION (OSHA)

The United States Occupational Safety and Health Administration (OSHA) considers lead in paint to be any detectable level of lead concentration to be a concern during renovation and demolition activities, as indicated in the OSHA Lead in Construction Standard (29 CFR 1926.62). The purpose of the OSHA Lead in Construction Standard is to protect construction workers from exposure to lead dust and fumes. OSHA is primarily concerned with activities that disturb paints with "detectable" amounts of lead. Several painted surfaces at the property were determined to contain lead above the OSHA level of concern.

The most effective way to determine if lead dust will be a health concern during renovation is to conduct a Negative Initial Determination (NID) to determine if the amount of generated lead dust would exceed the Permissible Exposure Limit (PEL) for lead dust or fumes. In general, an NID is a measurement of a known, airborne contaminant (e.g., lead) over period of eight hours. If the amount of airborne lead in the area is less than the PEL (as calculated by a qualified laboratory) than workers would be allowed to perform the work without Respirators and Personal Protective Equipment (PPE).

1) the NID information is given to the contractor and s/he agrees to it;
2) the contractor does not deviate from the process that was measured during the NID; and
3) The NID has been performed within the previous 12 months.

RECOMMENDATIONS

In summary, multiple building components were identified as coated with LBP at this property. Most of the LBP was in some form of deteriorated condition and some of the LBP was significantly damaged as noted in Table 1.

It is recommended that the findings of this LBP inspection report be provided to the demolition contractor with direction to perform the demolition work in a manner that complies with the OSHA Lead Standard for worker protection. The demolition work should also be performed in accordance with all other applicable lead related regulations.

SUPPORT INFORMATION

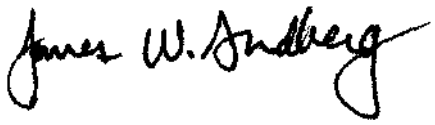
Enclosed in this document, besides inspection reports, are copies of the Lead Paint Risk Assessor's (Inspector) Illinois Department of Public Health (IDPH) License, and the XRF Performance Characteristic Sheets (PCS).

The undersigned has performed the Client-requested tasks listed above in a thorough and professional manner consistent with commonly accepted standard industry practices using state of the art practices and best available known technology as of the day of the assessment. We cannot guarantee and do not warrant that the LBP Testing has identified all adverse environmental factors and/or conditions affecting the subject property on the date of the Assessment. We cannot and will not warrant that that assessment testing that was requested by the client will satisfy the dictates of, or provide a legal defense in connection with, any environmental laws or regulations. It is the responsibility of the client to know and abide by all applicable laws, regulations, and standards.

This inspection is solely for the benefit of the client. The results and opinions in this report, based solely upon the conditions found on the property as of the date of the Assessment, will be valid only as of the date of the Assessment. We assume no obligation to advise the client of any changes in any real or potential Lead hazards at this property that may or may not be later brought to our attention.

Thanks again for the opportunity to serve you with this project. Should questions or comments arise, please do not hesitate in contacting me at (630) 514-4108.

Sincerely,



James W. Sundberg
Lead Risk Assessor/Inspector (IL1743)

Upcoming Demolition Areas - House
15314 South Myrtle Avenue, Harvey, IL 60426

LBP SUMMARY REPORT

Summary Lead Based Paint Inspection

Inspection Date:	5/1/2025 - 5/1/2025	Inspection Site:	Vacant House 15314 Myrtle Avenue Harvey, IL 60426
Action Level:	1.0 (mg/cm²)		
Total Readings:	41		
Unit Started:	05/01/2025 11:12:39		
Unit Ended:	05/01/2025 12:23:53		

Read #	Result	RTA Present	Room	-->RoomChoice	Structure	-->Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
174 (CAL)		Off	Calibration								1.0 mg/cm²	Action Level (1.0)
175 (CAL)		Off	Calibration								1.0 mg/cm²	Action Level (1.0)
176 (CAL)		Off	Calibration								1.0 mg/cm²	Action Level (1.0)
177 (CAL)		Off	Calibration								0.0 mg/cm²	Action Level (1.0)
178 (CAL)		Off	Calibration								0.0 mg/cm²	Action Level (1.0)
179 (CAL)		Off	Calibration								0.0 mg/cm²	Action Level (1.0)
180	Positive	Off	Exterior	House	Foundation		Conc Block	B	LC	Deteriorated	3.7 mg/cm²	Action Level (1.0)
181	Positive	Off	Exterior	House	Foundation		Conc Block	D	LC	Deteriorated	3.6 mg/cm²	Action Level (1.0)
182	Positive	Off	Exterior	House	Window	Casing	AL/Wood	D	Center	Deteriorated	5.7 mg/cm²	Action Level (1.0)
183	Positive	Off	Exterior	House	Window	Casing	AL/Wood	B	Center	Deteriorated	5.7 mg/cm²	Action Level (1.0)
188	Positive	Off	Exterior	House	Basement	Door Header	Wood	C	Left	Deteriorated	5.1 mg/cm²	Action Level (1.0)
191	Positive	Off	Exterior	House	Window	Sash	Wood	C	Left	Deteriorated	3.9 mg/cm²	Action Level (1.0)

A 3 E

Summary Lead Based Paint Inspection

Inspection Date: 5/1/2025 - 5/1/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 41
Unit Started: 05/01/2025 11:12:39
Unit Ended: 05/01/2025 12:23:53

Inspection Site: Vacant House
15314 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-->RoomChoice	Structure	-->Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
192	Positive	Off	Exterior	House	Lattice		Wood	B	Left	Deteriorated	1.4 mg/cm²	Action Level (1.0)
193	Positive	Off	Exterior	House	Wall		Wood	B	LL	Deteriorated	2.2 mg/cm²	Action Level (1.0)
198	Positive	Off	Exterior	House	Window	Sash	Wood	A	Left	Deteriorated	16.3 mg/cm²	Action Level (1.0)
199	Positive	Off	Exterior	House	Window	Casing	Wood	A	Left	Deteriorated	16.4 mg/cm²	Action Level (1.0)
200	Positive	Off	Exterior	House	Door	Threshold	Wood	A	Right	Deteriorated	30.0 mg/cm²	Action Level (1.0)
201	Positive	Off	Exterior	House	Door	Jamb	Wood	A	Right	Deteriorated	31 mg/cm²	Action Level (1.0)
204	Positive	Off	Interior	Foyer	Door	Casing	Wood	A	Center	Deteriorated	6.3 mg/cm²	Action Level (1.0)
205	Positive	Off	Interior	Foyer	Support	Column	Plaster	D	Center	Deteriorated	4.2 mg/cm²	Action Level (1.0)
206	Positive	Off	Interior	Foyer	Support	Beam	Plaster	D	Center	Deteriorated	4.2 mg/cm²	Action Level (1.0)
207	Positive	Off	Interior	Foyer	Baseboard		Plaster	D	Left	Deteriorated	4.4 mg/cm²	Action Level (1.0)
208	Positive	Off	Interior	Foyer	Stair	Stringer	Plaster	D	Left	Deteriorated	5.3 mg/cm²	Action Level (1.0)
209	Positive	Off	Interior	Foyer	Stair	Riser	Plaster	D	Left	Deteriorated	5.4 mg/cm²	Action Level (1.0)

A 3 E

Summary Lead Based Paint Inspection

Inspection Date: 5/1/2025 - 5/1/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 41
Unit Started: 05/01/2025 11:12:39
Unit Ended: 05/01/2025 12:23:53

Inspection Site: Vacant House
15314 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-- >RoomChoice	Structure	-- >Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
210	Positive	Off	Interior	Foyer	Stair	Tread	Plaster	D	Left	Deteriorated	5.5 mg/cm²	Action Level (1.0)
211	Positive	Off	Interior	Foyer	Stair	Baluster	Plaster	D	Left	Deteriorated	3.8 mg/cm²	Action Level (1.0)
235	Positive	Off	Interior	Kitchen	Ceiling		Plaster	A		Deteriorated	2.7 mg/cm²	Action Level (1.0)
236	Positive	Off	Interior	Kitchen	Wall		Plaster	A	UL	Deteriorated	2.6 mg/cm²	Action Level (1.0)
237	Positive	Off	Interior	Kitchen	Wall		Plaster	B	UL	Deteriorated	2.1 mg/cm²	Action Level (1.0)
248	Positive	Off	Interior	SW Porch	Wall		Wood	D	LC	Deteriorated	13.2 mg/cm²	Action Level (1.0)
270	Positive	Off	Interior	1 N Bedroom	Window	Sill	Wood	D	Center	Deteriorated	7.3 mg/cm²	Action Level (1.0)
294	Positive	Off	Interior	2 Hallway	Door	Jamb	Wood	A	Left	Deteriorated	10.9 mg/cm²	Action Level (1.0)
307	Positive	Off	Interior	2 NE Bedroom	Door	Casing	Wood	C	Left	Deteriorated	8.5 mg/cm²	Action Level (1.0)
308	Positive	Off	Interior	2 NE Bedroom	Door	Jamb	Wood	C	Left	Deteriorated	9.5 mg/cm²	Action Level (1.0)
309	Positive	Off	Interior	2 SE Bedroom	Door	Jamb	Wood	C	Left	Deteriorated	9.3 mg/cm²	Action Level (1.0)
310	Positive	Off	Interior	2 SE Bedroom	Door	Panel	Wood	C	Right	Deteriorated	5.7 mg/cm²	Action Level (1.0)

Summary Lead Based Paint Inspection

Inspection Date: 5/1/2025 - 5/1/2025
Action Level: 1.0 (mg/cm²)
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Unit Started: 05/01/2025 11:12:39
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Inspection Site: Vacant House
15314 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-->RoomChoice	Structure	-->Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
312	Positive	Off	Interior	2 SE Bedroom	Baseboard		Wood	A	Left	Deteriorated	6.1 mg/cm²	Action Level (1.0)
325	Positive	Off	Interior	2 Bathroom	Sewer Pipe		Metal	B	Left	Deteriorated	1.2 mg/cm²	Action Level (1.0)
349	Positive	Off	Interior	2 NW Bedroom	Baseboard		Wood	A	Right	Deteriorated	7.4 mg/cm²	Action Level (1.0)
350	Positive	Off	Interior	2 NW Bedroom	Door	Casing	Wood	A	Right	Deteriorated	7.1 mg/cm²	Action Level (1.0)
351	Positive	Off	Interior	2 NW Bedroom	Door	Jamb	Wood	A	Right	Deteriorated	8.0 mg/cm²	Action Level (1.0)

------ END OF READINGS ------

A 3 E

Upcoming Demolition Areas - House
15314 South Myrtle Avenue, Harvey, IL 60426

LBP DETAILED REPORT

Detailed Lead Based Paint Inspection

Inspection Date: 5/1/2025 - 5/1/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 180
Unit Started: 05/01/2025 11:12:39
Unit Ended: 05/01/2025 12:23:53

Inspection Site: Vacant House
15314 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-->RoomChoice	Structure	-->Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
174 (CAL)		Off	Calibration								1.0 mg/cm²	Action Level (1.0)
175 (CAL)		Off	Calibration								1.0 mg/cm²	Action Level (1.0)
176 (CAL)		Off	Calibration								1.0 mg/cm²	Action Level (1.0)
177 (CAL)		Off	Calibration								0.0 mg/cm²	Action Level (1.0)
178 (CAL)		Off	Calibration								0.0 mg/cm²	Action Level (1.0)
179 (CAL)		Off	Calibration								0.0 mg/cm²	Action Level (1.0)
180	Positive	Off	Exterior	House	Foundation		Conc Block	B	LC	Deteriorated	3.7 mg/cm²	Action Level (1.0)
181	Positive	Off	Exterior	House	Foundation		Conc Block	D	LC	Deteriorated	3.6 mg/cm²	Action Level (1.0)
182	Positive	Off	Exterior	House	Window	Casing	AL/Wood	D	Center	Deteriorated	5.7 mg/cm²	Action Level (1.0)
183	Positive	Off	Exterior	House	Window	Casing	AL/Wood	B	Center	Deteriorated	5.7 mg/cm²	Action Level (1.0)
184	Negative	Off	Exterior	House	Deck		Wood	C	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
185	Negative	Off	Exterior	House	Railing		Wood	C	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)

Detailed Lead Based Paint Inspection

Inspection Date: 5/1/2025 - 5/1/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 180
Unit Started: 05/01/2025 11:12:39
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Inspection Site: Vacant House
15314 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-- >RoomChoice	Structure	-- >Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
186	Negative	Off	Exterior	House	Stair	Tread	Wood	C	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
187	Negative	Off	Exterior	House	Sill Plate		Wood	C	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
188	Positive	Off	Exterior	House	Basement	Door Header	Wood	C	Left	Deteriorated	5.1 mg/cm²	Action Level (1.0)
189	Negative	Off	Exterior	House	Basement	Door Casing	Wood	C	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
190	Negative	Off	Exterior	House	Basement	Door Panel	Wood	C	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
191	Positive	Off	Exterior	House	Window	Sash	Wood	C	Left	Deteriorated	3.9 mg/cm²	Action Level (1.0)
192	Positive	Off	Exterior	House	Lattice		Wood	B	Left	Deteriorated	1.4 mg/cm²	Action Level (1.0)
193	Positive	Off	Exterior	House	Wall		Wood	B	LL	Deteriorated	2.2 mg/cm²	Action Level (1.0)
194	Negative	Off	Exterior	Front Porch	Floor		Wood	C		Deteriorated	0.1 mg/cm²	Action Level (1.0)
195	Negative	Off	Exterior	Front Porch	Railing		Wood	A	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
196	Negative	Off	Exterior	Front Porch	Support	Column	Wood	A	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
197	Negative	Off	Exterior	Front Porch	Ceiling		Wood	C		Deteriorated	0.0 mg/cm²	Action Level (1.0)

Detailed Lead Based Paint Inspection

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Inspection Site: Vacant House
15314 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-->RoomChoice	Structure	-->Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
198	Positive	Off	Exterior	House	Window	Sash	Wood	A	Left	Deteriorated	16.3 mg/cm²	Action Level (1.0)
199	Positive	Off	Exterior	House	Window	Casing	Wood	A	Left	Deteriorated	16.4 mg/cm²	Action Level (1.0)
200	Positive	Off	Exterior	House	Door	Threshold	Wood	A	Right	Deteriorated	30.0 mg/cm²	Action Level (1.0)
201	Positive	Off	Exterior	House	Door	Jamb	Wood	A	Right	Deteriorated	31 mg/cm²	Action Level (1.0)
202	Negative	Off	Exterior	House	Door	Panel	Metal	A	Right	Deteriorated	0.1 mg/cm²	Action Level (1.0)
203	Negative	Off	Interior	Foyer	Door	Panel	Metal	A	Center	Deteriorated	0.1 mg/cm²	Action Level (1.0)
204	Positive	Off	Interior	Foyer	Door	Casing	Wood	A	Center	Deteriorated	6.3 mg/cm²	Action Level (1.0)
205	Positive	Off	Interior	Foyer	Support	Column	Plaster	D	Center	Deteriorated	4.2 mg/cm²	Action Level (1.0)
206	Positive	Off	Interior	Foyer	Support	Beam	Plaster	D	Center	Deteriorated	4.2 mg/cm²	Action Level (1.0)
207	Positive	Off	Interior	Foyer	Baseboard		Plaster	D	Left	Deteriorated	4.4 mg/cm²	Action Level (1.0)
208	Positive	Off	Interior	Foyer	Stair	Stringer	Plaster	D	Left	Deteriorated	5.3 mg/cm²	Action Level (1.0)
209	Positive	Off	Interior	Foyer	Stair	Riser	Plaster	D	Left	Deteriorated	5.4 mg/cm²	Action Level (1.0)

Detailed Lead Based Paint Inspection

Inspection Date: 5/1/2025 - 5/1/2025
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Inspection Site: Vacant House
15314 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-- >RoomChoice	Structure	-- >Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
210	Positive	Off	Interior	Foyer	Stair	Tread	Plaster	D	Left	Deteriorated	5.5 mg/cm²	Action Level (1.0)
211	Positive	Off	Interior	Foyer	Stair	Baluster	Plaster	D	Left	Deteriorated	3.8 mg/cm²	Action Level (1.0)
212	Negative	Off	Interior	Foyer	Floor		Wood	D		Deteriorated	0.2 mg/cm²	Action Level (1.0)
213	Negative	Off	Interior	Foyer	Ceiling		Plaster	D		Deteriorated	0.0 mg/cm²	Action Level (1.0)
214	Negative	Off	Interior	Foyer	Wall		Plaster	D	LL	Deteriorated	0.0 mg/cm²	Action Level (1.0)
215	Negative	Off	Interior	Foyer	Wall		Plaster	B	UL	Deteriorated	0.1 mg/cm²	Action Level (1.0)
216	Negative	Off	Interior	Living Room	Wall		Plaster	A	UR	Deteriorated	0.3 mg/cm²	Action Level (1.0)
217	Negative	Off	Interior	Living Room	Wall		Plaster	C	LC	Deteriorated	0.3 mg/cm²	Action Level (1.0)
218	Negative	Off	Interior	Living Room	Ceiling		Plaster	C		Deteriorated	0.4 mg/cm²	Action Level (1.0)
219	Negative	Off	Interior	Living Room	Floor		Wood	C		Deteriorated	0.1 mg/cm²	Action Level (1.0)
220	Negative	Off	Interior	Living Room	Door	Casing	Wood	C	Center	Deteriorated	0.2 mg/cm²	Action Level (1.0)
221	Negative	Off	Interior	Living Room	Baseboard		Wood	A	Center	Deteriorated	0.2 mg/cm²	Action Level (1.0)

Detailed Lead Based Paint Inspection

Inspection Date: 5/1/2025 - 5/1/2025
Action Level: 1.0 (mg/cm²)
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Inspection Site: Vacant House
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Harvey, IL 60426

Read #	Result	RTA Present	Room	-->RoomChoice	Structure	-->Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
222	Negative	Off	Interior	Living Room	Window	Sill	Wood	A	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
223	Negative	Off	Interior	Living Room	Window	Sash	Wood	A	Center	Deteriorated	0.1 mg/cm²	Action Level (1.0)
224	Negative	Off	Interior	Living Room	Window	Casing	Wood	A	Center	Deteriorated	0.2 mg/cm²	Action Level (1.0)
225	Negative	Off	Interior	Dining Room	Floor		Wood	D		Deteriorated	0.2 mg/cm²	Action Level (1.0)
226	Negative	Off	Interior	Dining Room	Baseboard		Wood	D	Right	Deteriorated	0.2 mg/cm²	Action Level (1.0)
227	Negative	Off	Interior	Dining Room	Door	Casing	Wood	D	Right	Deteriorated	0.3 mg/cm²	Action Level (1.0)
228	Negative	Off	Interior	Dining Room	Support	Column	Wood	B	Left	Deteriorated	0.2 mg/cm²	Action Level (1.0)
229	Negative	Off	Interior	Dining Room	Window	Sill	Wood	B	Left	Deteriorated	0.3 mg/cm²	Action Level (1.0)
230	Negative	Off	Interior	Dining Room	Window	Casing	Wood	B	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
231	Negative	Off	Interior	Dining Room	Window	Sash	Wood	B	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
232	Negative	Off	Interior	Dining Room	Ceiling		Plaster	B		Deteriorated	0.0 mg/cm²	Action Level (1.0)
233	Negative	Off	Interior	Dining Room	Wall		Plaster	B	LC	Deteriorated	0.3 mg/cm²	Action Level (1.0)

Detailed Lead Based Paint Inspection

Inspection Date: 5/1/2025 - 5/1/2025
Action Level: 1.0 (mg/cm²)
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Read #	Result	RTA Present	Room	-->RoomChoice	Structure	-->Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
234	Negative	Off	Interior	Dining Room	Wall		Plaster	D	LL	Deteriorated	0.2 mg/cm²	Action Level (1.0)
235	Positive	Off	Interior	Kitchen	Ceiling		Plaster	A		Deteriorated	2.7 mg/cm²	Action Level (1.0)
236	Positive	Off	Interior	Kitchen	Wall		Plaster	A	UL	Deteriorated	2.6 mg/cm²	Action Level (1.0)
237	Positive	Off	Interior	Kitchen	Wall		Plaster	B	UL	Deteriorated	2.1 mg/cm²	Action Level (1.0)
238	Negative	Off	Interior	Kitchen	Door	Panel	Metal	B	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
239	Negative	Off	Interior	Kitchen	Door	Panel	Wood	C	Left	Deteriorated	0.1 mg/cm²	Action Level (1.0)
240	Negative	Off	Interior	Kitchen	Door	Casing	Wood	C	Left	Deteriorated	0.1 mg/cm²	Action Level (1.0)
241	Negative	Off	Interior	Kitchen	Cabinet		Wood	C	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
242	Negative	Off	Interior	Kitchen	Baseboard		Wood	D	Center	Deteriorated	0.1 mg/cm²	Action Level (1.0)
243	Negative	Off	Interior	Kitchen	Window	Sill	Wood	D	Center	Deteriorated	0.3 mg/cm²	Action Level (1.0)
244	Negative	Off	Interior	Kitchen	Window	Sash	Wood	D	Center	Deteriorated	0.1 mg/cm²	Action Level (1.0)
245	Negative	Off	Interior	Kitchen	Window	Casing	Wood	D	Center	Deteriorated	0.2 mg/cm²	Action Level (1.0)

Detailed Lead Based Paint Inspection

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Harvey, IL 60426

Read #	Result	RTA Present	Room	-- >RoomChoice	Structure	-- >Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
246	Negative	Off	Interior	Kitchen	Closet	Wall	Plaster	C	Right	Deteriorated	0.2 mg/cm²	Action Level (1.0)
247	Negative	Off	Interior	SW Porch	Ceiling		Ceiling Tile	D		Deteriorated	0.0 mg/cm²	Action Level (1.0)
248	Positive	Off	Interior	SW Porch	Wall		Wood	D	LC	Deteriorated	13.2 mg/cm²	Action Level (1.0)
249	Negative	Off	Interior	SW Porch	Wall		Wood	B	LL	Deteriorated	0.0 mg/cm²	Action Level (1.0)
250	Negative	Off	Interior	SW Porch	Floor		Wood	B		Deteriorated	0.1 mg/cm²	Action Level (1.0)
251	Negative	Off	Interior	SW Porch	Window	Sill	Wood	B	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
252	Negative	Off	Interior	SW Porch	Window	Casing	Wood	B	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
253	Negative	Off	Interior	SW Porch	Baseboard		Wood	B	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
254	Negative	Off	Interior	SW Porch	Window	Sill	Wood	D	Right	Deteriorated	0.0 mg/cm²	Action Level (1.0)
255	Negative	Off	Interior	SW Porch	Door	Casing	Wood	D	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
256	Negative	Off	Interior	SW Porch	Door	Jamb	Wood	D	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
257	Negative	Off	Interior	SW Porch	Stair	Tread	Wood	D	Center	Deteriorated	0.1 mg/cm²	Action Level (1.0)

Detailed Lead Based Paint Inspection

Inspection Date: 5/1/2025 - 5/1/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 180
Unit Started: 05/01/2025 11:12:39
Unit Ended: 05/01/2025 12:23:53

Inspection Site: Vacant House
15314 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-->RoomChoice	Structure	-->Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
258	Negative	Off	Interior	SW Porch	Door	Panel	Metal	C	Center	Deteriorated	0.1 mg/cm²	Action Level (1.0)
259	Negative	Off	Interior	1 Bathroom	Door	Panel	Wood	A	Right	Deteriorated	0.1 mg/cm²	Action Level (1.0)
260	Negative	Off	Interior	1 Bathroom	Door	Jamb	Wood	A	Right	Deteriorated	0.1 mg/cm²	Action Level (1.0)
261	Negative	Off	Interior	1 Bathroom	Cabinet		Wood	D	Center	Deteriorated	0.1 mg/cm²	Action Level (1.0)
262	Negative	Off	Interior	1 Bathroom	Baseboard		Wood	C	Center	Deteriorated	0.1 mg/cm²	Action Level (1.0)
263	Negative	Off	Interior	1 Bathroom	Ceiling		Drywall	C		Deteriorated	0.2 mg/cm²	Action Level (1.0)
264	Negative	Off	Interior	1 Bathroom	Wall		Drywall	C	UC	Deteriorated	0.3 mg/cm²	Action Level (1.0)
265	Negative	Off	Interior	1 Bathroom	Wall		Drywall	A	UC	Deteriorated	0.3 mg/cm²	Action Level (1.0)
266	Negative	Off	Interior	1 N Bedroom	Wall		Plaster	D	LL	Deteriorated	0.1 mg/cm²	Action Level (1.0)
267	Negative	Off	Interior	1 N Bedroom	Wall		Plaster	B	LL	Deteriorated	0.1 mg/cm²	Action Level (1.0)
268	Negative	Off	Interior	1 N Bedroom	Ceiling		Ceiling Tile	D		Deteriorated	0.1 mg/cm²	Action Level (1.0)
269	Negative	Off	Interior	1 N Bedroom	Window	Casing	Wood	D	Center	Deteriorated	0.1 mg/cm²	Action Level (1.0)

Detailed Lead Based Paint Inspection

Inspection Date: 5/1/2025 - 5/1/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 180
Unit Started: 05/01/2025 11:12:39
Unit Ended: 05/01/2025 12:23:53

Inspection Site: Vacant House
15314 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-->RoomChoice	Structure	-->Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
270	Positive	Off	Interior	1 N Bedroom	Window	Sill	Wood	D	Center	Deteriorated	7.3 mg/cm²	Action Level (1.0)
271	Negative	Off	Interior	1 N Bedroom	Window	Sash	Wood	D	Center	Deteriorated	0.2 mg/cm²	Action Level (1.0)
272	Negative	Off	Interior	1 N Bedroom	Baseboard		Wood	A	Left	Deteriorated	0.3 mg/cm²	Action Level (1.0)
273	Negative	Off	Interior	1 N Bedroom	Door	Casing	Wood	A	Left	Deteriorated	0.1 mg/cm²	Action Level (1.0)
274	Negative	Off	Interior	1 N Bedroom	Door	Panel	Wood	A	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
275	Negative	Off	Interior	Basement	Stair	Stringer	Wood	D	Center	Deteriorated	0.9 mg/cm²	Action Level (1.0)
276	Negative	Off	Interior	Basement	Stair	Railing	Wood	D	Center	Deteriorated	0.1 mg/cm²	Action Level (1.0)
277	Negative	Off	Interior	Basement	Cabinet		Wood	A	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
278	Negative	Off	Interior	Basement	Support	Column	Wood	A	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
279	Negative	Off	Interior	Basement	Support	Beam	Wood	A	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
280	Negative	Off	Interior	Basement	Wall		Concrete	A	LL	Deteriorated	0.3 mg/cm²	Action Level (1.0)
281	Negative	Off	Interior	Basement	Wall		Concrete	B	LC	Deteriorated	0.2 mg/cm²	Action Level (1.0)

Detailed Lead Based Paint Inspection

Inspection Date: 5/1/2025 - 5/1/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 180
Unit Started: 05/01/2025 11:12:39
Unit Ended: 05/01/2025 12:23:53

Inspection Site: Vacant House
15314 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-->RoomChoice	Structure	-->Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
282	Negative	Off	Interior	Basement	Wall		Concrete	C	LL	Deteriorated	0.2 mg/cm²	Action Level (1.0)
283	Negative	Off	Interior	Basement	Wall		Concrete	D	LR	Deteriorated	0.3 mg/cm²	Action Level (1.0)
284	Negative	Off	Interior	Basement	Chimney		Conc Block	D	Center	Deteriorated	0.2 mg/cm²	Action Level (1.0)
285	Negative	Off	Interior	Basement	Wall		Conc Block	B	UR	Deteriorated	0.3 mg/cm²	Action Level (1.0)
286	Negative	Off	Interior	Basement	Wall		Conc Block	D	UL	Deteriorated	0.2 mg/cm²	Action Level (1.0)
287	Negative	Off	Interior	Basement	Wall		Brick	D	LL	Deteriorated	0.1 mg/cm²	Action Level (1.0)
288	Negative	Off	Interior	Basement	Door	Panel	Wood	C	Right	Deteriorated	0.1 mg/cm²	Action Level (1.0)
289	Negative	Off	Interior	Basement	Door	Casing	Wood	C	Right	Deteriorated	0.0 mg/cm²	Action Level (1.0)
290	Negative	Off	Interior	2 Hallway	Floor		Wood	B		Deteriorated	0.0 mg/cm²	Action Level (1.0)
291	Negative	Off	Interior	2 Hallway	Stair	Tread	Wood	B	Center	Deteriorated	0.1 mg/cm²	Action Level (1.0)
292	Negative	Off	Interior	2 Hallway	Window	Sill	Wood	B	Center	Deteriorated	0.1 mg/cm²	Action Level (1.0)
293	Negative	Off	Interior	2 Hallway	Window	Casing	Wood		Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)

Detailed Lead Based Paint Inspection

Inspection Date: 5/1/2025 - 5/1/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 180
Unit Started: 05/01/2025 11:12:39
Unit Ended: 05/01/2025 12:23:53

Inspection Site: Vacant House
15314 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-->RoomChoice	Structure	-->Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
294	Positive	Off	Interior	2 Hallway	Door	Jamb	Wood	A	Left	Deteriorated	10.9 mg/cm²	Action Level (1.0)
295	Negative	Off	Interior	2 Hallway	Door	Panel	Wood	A	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
296	Negative	Off	Interior	2 Hallway	Wall		Plaster	C	LC	Deteriorated	0.2 mg/cm²	Action Level (1.0)
297	Negative	Off	Interior	2 Hallway	Ceiling		Ceiling Tile	C		Deteriorated	0.0 mg/cm²	Action Level (1.0)
298	Negative	Off	Interior	2 NE Bedroom	Ceiling		Plaster	D		Deteriorated	0.4 mg/cm²	Action Level (1.0)
299	Negative	Off	Interior	2 NE Bedroom	Wall		Plaster	D	UC	Deteriorated	0.4 mg/cm²	Action Level (1.0)
300	Negative	Off	Interior	2 NE Bedroom	Wall		Plaster	C	UR	Deteriorated	0.4 mg/cm²	Action Level (1.0)
301	Negative	Off	Interior	2 NE Bedroom	Wall		Wood	B	UL	Deteriorated	0.2 mg/cm²	Action Level (1.0)
302	Negative	Off	Interior	2 NE Bedroom	Wall		Wood	A	UC	Deteriorated	0.2 mg/cm²	Action Level (1.0)
303	Negative	Off	Interior	2 NE Bedroom	Window	Sill	Wood	A	Right	Deteriorated	0.2 mg/cm²	Action Level (1.0)
304	Negative	Off	Interior	2 NE Bedroom	Window	Sash	Wood	A	Right	Deteriorated	0.0 mg/cm²	Action Level (1.0)
305	Negative	Off	Interior	2 NE Bedroom	Window	Casing	Wood	A	Right	Deteriorated	0.8 mg/cm²	Action Level (1.0)

A 3 E

Detailed Lead Based Paint Inspection

Inspection Date: 5/1/2025 - 5/1/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 180
Unit Started: 05/01/2025 11:12:39
Unit Ended: 05/01/2025 12:23:53

Inspection Site: Vacant House
15314 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-- >RoomChoice	Structure	-- >Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
306	Negative	Off	Interior	2 NE Bedroom	Door	Panel	Wood	C	Left	Deteriorated	0.1 mg/cm²	Action Level (1.0)
307	Positive	Off	Interior	2 NE Bedroom	Door	Casing	Wood	C	Left	Deteriorated	8.5 mg/cm²	Action Level (1.0)
308	Positive	Off	Interior	2 NE Bedroom	Door	Jamb	Wood	C	Left	Deteriorated	9.5 mg/cm²	Action Level (1.0)
309	Positive	Off	Interior	2 SE Bedroom	Door	Jamb	Wood	C	Left	Deteriorated	9.3 mg/cm²	Action Level (1.0)
310	Positive	Off	Interior	2 SE Bedroom	Door	Panel	Wood	C	Right	Deteriorated	5.7 mg/cm²	Action Level (1.0)
311	Negative	Off	Interior	2 SE Bedroom	Door	Panel	Wood	C	Right	Deteriorated	0.0 mg/cm²	Action Level (1.0)
312	Positive	Off	Interior	2 SE Bedroom	Baseboard		Wood	A	Left	Deteriorated	6.1 mg/cm²	Action Level (1.0)
313	Negative	Off	Interior	2 SE Bedroom	Ceiling		Ceiling Tile	A		Deteriorated	0.0 mg/cm²	Action Level (1.0)
314	Negative	Off	Interior	2 SE Bedroom	Window	Sill	Wood	A	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
315	Negative	Off	Interior	2 SE Bedroom	Window	Sash	Wood	A	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
316	Negative	Off	Interior	2 SE Bedroom	Window	Casing	Wood	A	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
317	Negative	Off	Interior	2 SE Bedroom	Wall		Wood	A	LC	Deteriorated	0.0 mg/cm²	Action Level (1.0)

A 3 E

Detailed Lead Based Paint Inspection

Inspection Date: 5/1/2025 - 5/1/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 180
Unit Started: 05/01/2025 11:12:39
Unit Ended: 05/01/2025 12:23:53

Inspection Site: Vacant House
15314 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-- >RoomChoice	Structure	-- >Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
318	Negative	Off	Interior	2 SE Bedroom	Wall		Wood	B	LL	Deteriorated	0.0 mg/cm²	Action Level (1.0)
319	Negative	Off	Interior	2 SE Bedroom	Wall		Drywall	C	LC	Deteriorated	0.1 mg/cm²	Action Level (1.0)
320	Negative	Off	Interior	2 SE Bedroom	Wall		Plaster	D	LR	Deteriorated	0.3 mg/cm²	Action Level (1.0)
321	Negative	Off	Interior	2 Bathroom	Wall		Plaster	C	LC	Deteriorated	0.3 mg/cm²	Action Level (1.0)
322	Negative	Off	Interior	2 Bathroom	Wall		Plaster	B	UL	Deteriorated	0.4 mg/cm²	Action Level (1.0)
323	Negative	Off	Interior	2 Bathroom	Ceiling		Plaster	B		Deteriorated	0.1 mg/cm²	Action Level (1.0)
324	Negative	Off	Interior	2 Bathroom	Ceiling		Ceiling Tile	B		Deteriorated	0.2 mg/cm²	Action Level (1.0)
325	Positive	Off	Interior	2 Bathroom	Sewer Pipe		Metal	B	Left	Deteriorated	1.2 mg/cm²	Action Level (1.0)
326	Negative	Off	Interior	2 Bathroom	Window	Sill	Wood	B	Right	Deteriorated	0.0 mg/cm²	Action Level (1.0)
327	Negative	Off	Interior	2 Bathroom	Window	Sash	Wood	B	Right	Deteriorated	0.0 mg/cm²	Action Level (1.0)
328	Negative	Off	Interior	2 Bathroom	Window	Casing	Wood	B	Right	Deteriorated	0.0 mg/cm²	Action Level (1.0)
329	Negative	Off	Interior	2 Bathroom	Door	Casing	Wood	D	Left	Deteriorated	0.1 mg/cm²	Action Level (1.0)

Detailed Lead Based Paint Inspection

Inspection Date: 5/1/2025 - 5/1/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 180
Unit Started: 05/01/2025 11:12:39
Unit Ended: 05/01/2025 12:23:53

Inspection Site: Vacant House
15314 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-- >RoomChoice	Structure	-- >Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
330	Negative	Off	Interior	2 Bathroom	Door	Panel	Wood	D	Left	Deteriorated	0.2 mg/cm²	Action Level (1.0)
331	Negative	Off	Interior	2 SW Bedroom	Door	Jamb	Wood	A	Left	Deteriorated	0.3 mg/cm²	Action Level (1.0)
332	Negative	Off	Interior	2 SW Bedroom	Door	Panel	Wood	A	Left	Deteriorated	0.3 mg/cm²	Action Level (1.0)
333	Negative	Off	Interior	2 SW Bedroom	Baseboard		Wood	B	Center	Deteriorated	0.2 mg/cm²	Action Level (1.0)
334	Negative	Off	Interior	2 SW Bedroom	Window	Sill	Wood	B	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
335	Negative	Off	Interior	2 SW Bedroom	Window	Sash	Wood	B	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
336	Negative	Off	Interior	2 SW Bedroom	Window	Casing	Wood	B	Center	Deteriorated	0.1 mg/cm²	Action Level (1.0)
337	Negative	Off	Interior	2 SW Bedroom	Wall		Drywall	B	UC	Deteriorated	0.0 mg/cm²	Action Level (1.0)
338	Negative	Off	Interior	2 SW Bedroom	Wall		Drywall	D	UC	Deteriorated	0.0 mg/cm²	Action Level (1.0)
339	Negative	Off	Interior	2 SW Bedroom	Ceiling		Plaster	D		Deteriorated	0.0 mg/cm²	Action Level (1.0)
340	Negative	Off	Interior	2 SW Bedroom	Ceiling		Ceiling Tile	D		Deteriorated	0.1 mg/cm²	Action Level (1.0)
341	Negative	Off	Interior	2 NW Bedroom	Ceiling		Ceiling Tile	B		Deteriorated	0.1 mg/cm²	Action Level (1.0)

Detailed Lead Based Paint Inspection

Inspection Date: 5/1/2025 - 5/1/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 180
Unit Started: 05/01/2025 11:12:39
Unit Ended: 05/01/2025 12:23:53

Inspection Site: Vacant House
15314 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-- >RoomChoice	Structure	-- >Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
342	Negative	Off	Interior	2 NW Bedroom	Ceiling		Plaster	B		Deteriorated	0.0 mg/cm²	Action Level (1.0)
343	Negative	Off	Interior	2 NW Bedroom	Wall		Plaster	B	UL	Deteriorated	0.1 mg/cm²	Action Level (1.0)
344	Negative	Off	Interior	2 NW Bedroom	Wall		Wood	B	LR	Deteriorated	0.1 mg/cm²	Action Level (1.0)
345	Negative	Off	Interior	2 NW Bedroom	Wall		Wood	C	LR	Deteriorated	0.1 mg/cm²	Action Level (1.0)
346	Negative	Off	Interior	2 NW Bedroom	Window	Sill	Wood	C	Right	Deteriorated	0.2 mg/cm²	Action Level (1.0)
347	Negative	Off	Interior	2 NW Bedroom	Window	Sash	Wood	C	Right	Deteriorated	0.2 mg/cm²	Action Level (1.0)
348	Negative	Off	Interior	2 NW Bedroom	Window	Casing	Wood	C	Right	Deteriorated	0.2 mg/cm²	Action Level (1.0)
349	Positive	Off	Interior	2 NW Bedroom	Baseboard		Wood	A	Right	Deteriorated	7.4 mg/cm²	Action Level (1.0)
350	Positive	Off	Interior	2 NW Bedroom	Door	Casing	Wood	A	Right	Deteriorated	7.1 mg/cm²	Action Level (1.0)
351	Positive	Off	Interior	2 NW Bedroom	Door	Jamb	Wood	A	Right	Deteriorated	8.0 mg/cm²	Action Level (1.0)
352	Negative	Off	Interior	2 NW Bedroom	Door	Panel	Wood	A	Right	Deteriorated	0.0 mg/cm²	Action Level (1.0)
353	Negative	Off	Interior	2 NW Bedroom	Floor		Wood	B		Deteriorated	0.0 mg/cm²	Action Level (1.0)

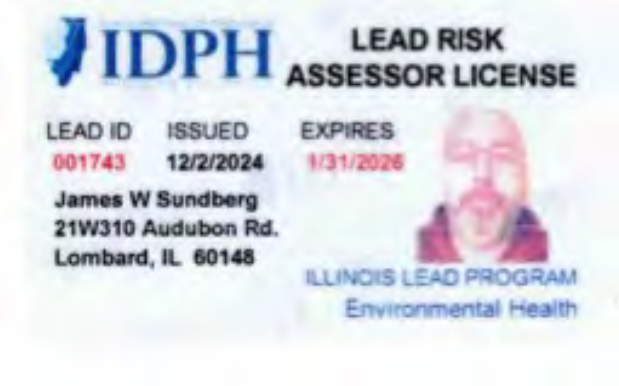
Detailed Lead Based Paint Inspection

Inspection Date:	5/1/2025 - 5/1/2025	Inspection Site:	Vacant House 15314 Myrtle Avenue Harvey, IL 60426
Action Level:	1.0 (mg/cm²)		
Total Readings:	180		
Unit Started:	05/01/2025 11:12:39		
Unit Ended:	05/01/2025 12:23:53		

------ END OF READINGS ------

IDPH INSPECTOR/RISK ASSESSOR'S LICENSE

Upcoming Demolition Areas - House
15314 South Myrtle Avenue, Harvey, IL 60426



Upcoming Demolition Areas - House
15314 South Myrtle Avenue, Harvey, IL 60426

XRF PERFORMANCE CHARACTERISTIC SHEETS

Performance Characteristic Sheet

EFFECTIVE DATE: **December 1, 2015**

MANUFACTURER AND MODEL:

Make: ***Heuresis***
Models: ***Model Pb200i***
Source: ***^{57}Co, 5 mCi (nominal – new source)***

FIELD OPERATION GUIDANCE

OPERATING PARAMETERS:

Action Level mode

XRF CALIBRATION CHECK LIMITS:

0.8 to 1.2 mg/cm^2 (inclusive)

SUBSTRATE CORRECTION:

Not applicable

INCONCLUSIVE RANGE OR THRESHOLD:

ACTION LEVEL MODE READING DESCRIPTION	SUBSTRATE	THRESHOLD (mg/cm^2)
Results not corrected for substrate bias on any substrate	Brick Concrete Drywall Metal Plaster Wood	1.0 1.0 1.0 1.0 1.0 1.0

BACKGROUND INFORMATION

EVALUATION DATA SOURCE AND DATE:

This sheet is supplemental information to be used in conjunction with Chapter 7 of the HUD *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing* ("HUD Guidelines"). Performance parameters shown on this sheet are calculated using test results on building components in the HUD archive. Testing was conducted on 146 test samples in November 2015, with two separate instruments running software version 2.1-2 in Action Level test mode. The actual source strength of each instrument on the day of testing was approximately 2.0 mCi; source ages were approximately one year.

OPERATING PARAMETERS

Performance parameters shown in this sheet are applicable only when properly operating the instrument using the manufacturer's instructions and procedures described in Chapter 7 of the HUD Guidelines.

XRF CALIBRATION CHECK:

The calibration of the XRF instrument should be checked using the paint film nearest 1.0 mg/cm^2 in the NIST Standard Reference Material (SRM) used (e.g., for NIST SRM 2579, use the 1.02 mg/cm^2 film).

If the average (rounded to 1 decimal place) of three readings is outside the acceptable calibration check range, follow the manufacturer's instructions to bring the instrument into control before XRF testing proceeds.

SUBSTRATE CORRECTION VALUE COMPUTATION:

Chapter 7 of the HUD Guidelines provides guidance on correcting XRF results for substrate bias. Supplemental guidance for using the paint film nearest 1.0 mg/cm^2 for substrate correction is provided:

XRF results are corrected for substrate bias by subtracting from each XRF result a correction value determined separately in each house for single-family housing or in each development for multifamily housing, for each substrate. The correction value is an average of XRF readings taken over the NIST SRM paint film nearest to 1.0 mg/cm^2 at test locations that have been scraped bare of their paint covering. Compute the correction values as follows:

> Using the same XRF instrument, take three readings on a bare substrate area covered with the NIST SRM paint film nearest 1 mg/cm^2. Repeat this procedure by taking three more readings on a second bare substrate area of the same substrate covered with the NIST SRM.
>
> Compute the correction value for each substrate type where XRF readings indicate substrate correction is needed by computing the average of all six readings as shown below.
>
> <u>For each substrate type</u> (the 1.02 mg/cm^2 NIST SRM is shown in this example; use the actual lead loading of the NIST SRM used for substrate correction):
>
> Correction value = (1st + 2nd + 3rd + 4th + 5th + 6th *Reading*)/6 - 1.02 mg/cm^2
>
> Repeat this procedure for each substrate requiring substrate correction in the house or housing development.

EVALUATING THE QUALITY OF XRF TESTING:

Randomly select ten testing combinations for retesting from each house or from two randomly selected units in multifamily housing.

Conduct XRF re-testing at the ten testing combinations selected for retesting.

Determine if the XRF testing in the units or house passed or failed the test by applying the steps below. Compute the Retest Tolerance Limit by the following steps:

Determine XRF results for the original and retest XRF readings. Do not correct the original or retest results for substrate bias. In single-family and multi-family housing, a result is defined as a single reading. Therefore, there will be ten original and ten retest XRF results for each house or for the two selected units.

Calculate the average of the original XRF result and the retest XRF result for each testing combination.

Square the average for each testing combination.

Add the ten squared averages together. Call this quantity C.

Multiply the number C by 0.0072. Call this quantity D.

Add the number 0.032 to D. Call this quantity E.

Take the square root of E. Call this quantity F.

Multiply F by 1.645. The result is the Retest Tolerance Limit.

Compute the average of all ten original XRF readings.

Compute the average of all ten re-test XRF readings.

Find the absolute difference of the two averages.

If the difference is less than the Retest Tolerance Limit, the inspection has passed the retest. If the difference of the overall averages equals or exceeds the Retest Tolerance Limit, this procedure should be repeated with ten new testing combinations. If the difference of the overall averages is equal to or greater than the Retest Tolerance Limit a second time, then the inspection should be considered deficient.

Use of this procedure is estimated to produce a spurious result approximately 1% of the time. That is, results of this procedure will call for further examination when no examination is warranted in approximately 1 out of 100 dwelling units tested.

TESTING TIMES:

In the Action Level paint test mode, the instrument takes the longest time to complete readings close to the Federal standard of 1.0 mg/cm^2. The table below shows the mean and standard deviation of actual reading times by reading level for paint samples during the November 2015 archive testing. The tested instruments reported readings to one decimal place. No significant differences in reading times by substrate were observed. These times apply only to instruments with the same source strength as those tested (2.0 mCi). Instruments with stronger sources will have shorter reading times and those with weaker sources, longer reading times, than those in the table.

Mean and Standard Deviation of Reading Times in Action Level Mode by Reading Level		
Reading (mg/cm^2)	**Mean Reading Time (seconds)**	**Standard Deviation (seconds)**
< 0.7	3.48	0.47
0.7	7.29	1.92
0.8	13.95	1.78
0.9 – 1.2	15.25	0.66
1.3 – 1.4	6.08	2.50
≥ 1.5	3.32	0.05

CLASSIFICATION OF RESULTS:

XRF results are classified as **positive** if they are **greater than or equal** to the stated threshold for the instrument (1.0 mg/cm^2), and *negative* if they are *less than* the threshold.

DOCUMENTATION:

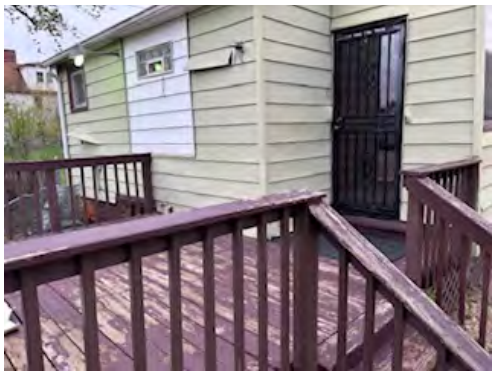
A report titled *Methodology for XRF Performance Characteristic Sheets* (EPA 747-R-95-008) provides an explanation of the statistical methodology used to construct the data in the sheets, and provides empirical results from using the recommended inconclusive ranges or thresholds for specific XRF instruments. The report may be downloaded at http://www2.epa.gov/lead/methodology-xrf-performance-characteristic-sheets-epa-747-r-95-008-september-1997.

This XRF Performance Characteristic Sheet (PCS) was developed by QuanTech, Inc., under a contract with the XRF manufacturer.

Upcoming Demolition Areas - House
15314 South Myrtle Avenue, Harvey, IL 60426

PHOTOGRAPH DOCUMENTATION OF COMPONENTS WITH LEAD BASED PAINT

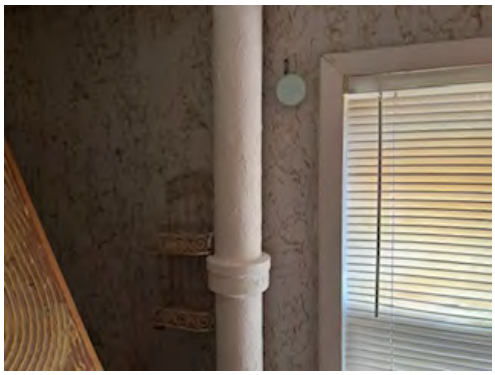
Upcoming Demolition Areas - House
15314 South Myrtle Avenue, Harvey, IL 60426

	
Exterior House. Concrete Block Foundation Walls with Deteriorated Lead Based Paint (LBP).	**Exterior House. Older Wood Siding with LBP under Aluminum and Wood siding.**
	
Exterior House. Back Deck negative for LBP.	**Exterior Back Yard with no Garage.**
	
Exterior House. Wall C Basement Wood Door Header with Deteriorated LBP.	**Exterior House. Older Wood Siding with LBP under Aluminum and Wood siding.**

Upcoming Demolition Areas - House
15314 South Myrtle Avenue, Harvey, IL 60426

	
Exterior House. Wall B Wood Lattice with Deteriorated LBP.	**Exterior House. Older Wood Siding with LBP under Aluminum and Wood siding.**
	
Exterior House. Wood Window Components with Deteriorated LBP.	**Exterior House. Wall A Wood Door Jambs, Casings, and Threshold with Deteriorated LBP.**
	
Interior Kitchen. Plaster Walls and Ceiling with Deteriorated LBP.	**Interior 2nd Floor Rooms (All). Wood Baseboards, Door Jambs, and Door Casings with Deteriorated LBP.**

Upcoming Demolition Areas - House
15314 South Myrtle Avenue, Harvey, IL 60426

	
Interior 2 Bathroom. Metal Sewer Pipe with Deteriorated LBP.	

HAZARODUS MATERIALS BUILIDNG SURVEY

RESIDENTIAL HOUSE

15318 Myrtle Ave
Harvey, Illinois 60426

PREPARED FOR

Metropolitan Water Reclamation District of Greater Chicago (MWRD)
111 East Erie Street
Chicago, Illinois 60611

PREPARED BY

A3 Environmental, LLC
3030 Warrenville Road, Suite 418
Lisle, Illinois 60532
T: 888-405-1742

Project Number: 2025.0320
Date: June 20, 2025

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A3 Environmental, LLC
T: (888) 405-1742
F: (630) 507-9003
Info@A3E.com

Job Number 2025.0320

Metropolitan Water Reclamation District of Greater Chicago (MWRD)
Mr. Mark Leibrock
111 East Erie Street Suite 330
Chicago, Illinois 60611

Hazardous Materials Building Survey
Vacant Residential House
15318 Myrtle Avenue
Harvey, Illinois 60426

Dear: Mr. Leibrock:

A3 Environmental, LLC (A3E) is pleased to submit this Hazarodus Materials Building Survey to Include a Lead Based Paint (LBP) Survey, Hazardous Materials Survey (HMS) and Asbestos Containg Materials (ACM) Survey report for the property located at 15318 Myrtle Avenue in Harvey, Illinois (the "Site").

1.0 SITE DESCRIPTION

The Site is a vacant 908 square foot one story residential house with basement that was built in 1908 (according to real estate listings).

2.0 ACM SURVEY

The ACM Survey was conducted to categorize the different homogeneous materials within the building, to assess the condition of suspect asbestos-containing materials (ACMs), to develop and implement an asbestos sampling plan, and identify or negate the presence of asbestos through laboratory analysis.

2.1 ACM Executive Summary

The 15318 Myrtle Avenue Site is a one story vacant residential home that has a basement and is slab on grade. The building is constructed of wood with exterior vinyl and single siding, interior plaster walls and a pitched roof with asphalt shingles. There are hardwood floors with vinyl floor tiles.

The field activities were conducted on April 30th, 2025, by Mr. Patrick W. Hook, a licensed Illinois Department of Public Health (IDPH) asbestos inspector. A3E collected a total of 32 bulk samples of suspect ACMs from 10 homogeneous materials identified at the 15314

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F: (630) 507-9003
Info@A3E.com

Myrtle Avenue Site. It is important to note that in many instances, additional material layers (i.e. mastics/glues/adhesives/layers) associated with the 32 bulk samples were also analyzed, thus increasing the total number of samples to 49.

Asbestos includes chrysotile, amosite, crocidolite, anthophyllite, tremolite and actinolite (fibrous minerals). The analytical report relates only to the samples tested. Samples were analyzed using Polarized Light Microscopy (PLM) with dispersion staining via EPA Method 600/R-93/116 or equivalent for bulk asbestos materials. The reliable limit of detection of this method is one percent (1%) asbestos content. When no asbestos is detected in the sample submitted, the results are reported as *None Detected.* If a sample contains greater than 1% asbestos, it is considered to be an asbestos-containing material by the United States Environmental Protection Agency- National Emission Standards for Hazardous Air Pollutants (EPA-NESHAPs), the United States Occupational Safety and Health Administration (OSHA), the Cook County Department of Environment and Sustainability (CCDES), the Illinois Environmental Protection Agency (IEPA) and the Illinois Department of Public Health (IDPH). However, if a material contains less than 1% asbestos, certain work practice requirements and prohibitions of the OSHA Asbestos in Construction Standard (29 CFR 1926.1101) must be followed (during activities where materials are disturbed such as re-modeling or demolition).

Suspect materials such as floor tile, mastics, glues, adhesives, ceramics and roofing are classified as Non-friable Organically Bound (NOB) materials. As such the EPA recommends, but is not required, further analysis of these type materials using Transmission Electron Microscopy (TEM) analysis or the EPA 600/R-93/116 400 Point Count Method for PLM samples identified to be less than 10% asbestos or to be inconclusive by PLM. TEM and/or point counting were not included in the base scope of services for this project.

In accordance with the Agreement, this ACM Survey focused on major interior and exterior building systems and components with potential to contain asbestos. It is possible that additional suspect or assumed ACMs may be present within inaccessible areas of the building, such as above fixed ceilings, within wall systems, behind walls, beneath layers of flooring, roof core layers, within pipe chases, in mechanical equipment insulation, in electrical components, and within HVAC equipment; therefore, these materials may not have been observed or sampled during this ACM Survey. It should be noted that any other suspect materials within the site building not sampled as part of this limited ACM Survey should be assumed to be ACM until proven otherwise prior to future renovation or demolition activities.

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2.2 Sampling Protocol

Bulk samples of each material suspected to contain asbestos were collected utilizing a modified Asbestos Hazard Emergency Response Act (AHERA) sampling protocol (AHERA, 40 CFR763.86), OSHA General Industry Standard 29 CFR 1910.1001, OSHA Asbestos Construction Standard 29 CFR 1926.1101, IEPA and IDPH rules and requirements.

Suspect ACMs were identified, and bulk samples were collected by a IDPH Licensed Asbestos Inspector and submitted for laboratory analysis. The EPA, OSHA, CCDES, IEPA and IDPH define ACM as a material that contains greater than one percent (1%) asbestos.

2.3 Laboratory Analysis

Submitted suspect ACM bulk samples were analyzed by TEM Environmental (TEM) located in Glendale Heights, Illinois. TEM is a National Voluntary Laboratory Accreditation Program (NVLAP) accredited laboratory, an American Industrial Hygiene Association (AIHA) accredited institution, and is also certified in Illinois. Bulk samples were analyzed using PLM EPA Method 600/R-93/116. Copies of the laboratory chain of custody and analytical report documentation are provided in the Appendix.

2.4 Limitations & Exceptions of Survey

Site observations are of the conditions observed at the time of the site reconnaissance.

A3E notes the following limitations:

All materials that are positive for asbestos have been quantified by A3E as good faith estimates. These good faith estimates should be verified by any general contractor or abatement company, prior to commencement of work, to determine the actual amount of identified materials that needs to be removed/abated.

It is also possible that additional suspect or assumed ACMs may be present within inaccessible areas of the building, such as above fixed ceilings, in wall systems, behind walls, beneath layers of flooring, roof core layers, within pipe chases, in mechanical equipment insulation, in electrical components, and within HVAC equipment; therefore, these materials may not have been observed or sampled during this limited ACM Survey. It should be noted that any other suspect materials within the site building not sampled as part of this limited ACM Survey should be assumed to be ACM until proven otherwise prior to future renovation or demolition activities.

A3 Environmental, LLC
T: (888) 405-1742
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2.5 Results

Bulk sampling of homogeneous areas containing suspect ACMs was conducted at the site. A homogeneous area is defined as an area of surfacing material, thermal system insulation material or miscellaneous material that is uniform in appearance, color and texture, and was applied at the same time.

Prior to collection of suspect materials, the sample location was sprayed with amended water to minimize fiber release and to soften the building material being sampled. Bulk materials were sampled from the center of the wetted area. After the sample was taken, the bulk material was placed in a sample bag which was sealed to prevent escape or contamination of outside sources. A unique sample number was assigned to each sample and the sample bag was labeled with that number.

Asbestos includes chrysotile, amosite, crocidolite, anthophyllite, tremolite and actinolite (fibrous minerals). The analytical report relates only to the samples tested. Samples were analyzed using PLM with dispersion staining via EPA Method 600/R-93/116 or equivalent for bulk asbestos materials. The reliable limit of detection of this method is one percent (1%) asbestos content. When no asbestos is detected in the sample submitted, the results are reported as *None Detected.* If a sample contains greater than 1% asbestos, it is considered to be an asbestos-containing material by EPA-NESHAPs, OSHA, CCDES IEPA and IDPH. The following tables describes materials sampled, locations, analytical results, friability, condition, and quantity estimates of materials sampled at the building. Building materials identified at the facility to contain greater than 1% asbestos are bolded.

SAMPLE #	DESCRIPTION	MATERIAL LOCATION	LAB RESULTS	FRIABILITY/ CONDITION	ESTIMATED QUANTITY	NOTES
WL1-A,B,C	Wood Laminate Flooring & Mastic	Throughout	ND ND ND	Non-Friable/ Good	920 SF	
PL1-A,B,C,D,E	Plaster (Base & Skim Coat)	Throughout	ND ND ND ND ND	Non-Friable/ Good	3,500 SF	
CWT1-A,B,C	White Ceramic Wall Tile & Adhesive	Bathroom	ND ND ND	Non-Friable/ Good	160 SF	

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FT1-A,B,C	12"x12" Four Square Wood Pattern Floor Tile & Mastic	Laundry	ND ND ND	Non-Friable/ Good	40 SF	
FT2-A,B,C	Rectangular Gray & Beige Wood Pattern Floor Tile & Mastic	Kitchen	ND ND ND	Non-Friable/ Good	165 SF	
SH1-A,B,C	Brown-Red Roof Shingle	Roof	ND ND ND	Non-Friable/ Good	1,200 SF	
FP1-A,B,C	Felt/Tar Paper	Roof	ND ND ND	Non-Friable/ Good	1,200 SF	Under SH1
SH2-A,B,C	Tan Painted Exterior Wall Shingle	Exterior Walls	ND ND ND	Non-Friable/ Good	1,100 SF	
FP2-A,B,C	Felt/Tar Paper	Exterior Walls	ND ND ND	Non-Friable/ Good	1,100 SF	Under SH2
FP3-A,B,C	Felt Tar Paper	Exterior Walls	ND ND ND	Non-Friable/ Good	1,100 SF	Under FP2

2.5.1 Survey Method & Results

The field activities were conducted on April 30th, 2025, by Mr. Patrick W. Hook, a licensed Illinois Department of Public Health (IDPH) asbestos inspector. A3E collected a total of 32 bulk samples of suspect ACMs from 10 homogeneous materials identified at the 15314 Myrtle Avenue Site. It is important to note that in many instances, additional material layers (i.e. mastics/glues/adhesives/layers) associated with the 32 bulk samples were also analyzed, thus increasing the total number of samples to 49.

No sampled building materials were found to contain asbestos and laboratory results are indicated as - None Detected.

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F: (630) 507-9003
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3.0 LEAD SURVEY

A comprehensive LBP Inspection of accessible buildings and rooms was performed on this Property. The purpose of this inspection was to determine the presence or absence of Lead Based Paint (LBP), as defined by the United States Environmental Protection Agency (USEPA) and the Illinois Department of Public Health (IDPH). This inspection was conducted on May 1, 2025 by James W. Sundberg (License Number IL1743).

Even though not applicable on this type of property, the protocol used for this inspection is based on the practices and procedures in the United States Department of Housing and Urban Development's (HUD) Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing, 2012 Revision (HUD Guidelines) and the United States Environmental Protection Agency's (USEPA) 40 CFR Part 745 (Lead; Identification of Dangerous Levels of Lead; Final Rule; January 5, 2001), It should be noted that the Occupational Safety and Health Administration (OSHA) Lead in Construction Standard (29 CFR 1926.62) does not define Lead Based Paint (LBP). A modified, comprehensive inspection by building of building WAS performed. Although all painted, varnished, and shellacked components on a room by room basis were tested, limited numbers of walls (about 2) per room were tested.

The Inspection was conducted utilizing the Viken Detection (formerly Heuresis Pb200i XRF (Serial Number 2187). The XRF fieldwork was conducted in accordance with the guidelines outlined in the EPA Performance Characteristic Sheet (Attached). In addition, please note the report does not label locations as North, South, East, and West. It utilizes A, B, C, and D. For this report, Wall A corresponds to the East Wall (Street Address Side) in every room. Walls B, C, and D are labeled from Wall A in a clockwise manner. For this project, Wall A is to the East, Wall B is to the South, Wall C is to the West, and Wall D is to the North.

Component by component testing on a room by room basis was performed throughout the property. It was attempted to test all components that were painted, varnished, or shellacked. Some readings were above the United States Environmental Protection Agency (USEPA) and Illinois Department of Public Health (IDPH) Regulatory Level of 1.0 mg/cm^2. Table I, below, contains a summary of the generic components that tested POSITIVE for LBP on this property. Since all accessible, painted components were tested, components not listed in the table below tested negative for LBP.

15318 MYRTLE AVE - GENERIC COMPONENTS POSITIVE FOR LBP	
ROOM	**COMPONENT**
Exterior House	Older Wood Window Components

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	Wall A Wood Door Casings, Jambs, and Threshold
	Old Wood Siding, Soffits, and Fascia (present under Siding)
Interior Basement	Wood Window Sashes
Interior Bedroom 1	Wood Window Sashes and Casings
All Components in some form of deteriorated condition.	

4.0 HAZARDOUS MATERIALS SURVEY

This section summarizes the findings of a hazardous/universal waste materials survey walkthrough and evaluation performed by A3 Environmental, LLC (A3E) on April 2, 2025 at the Vacant Residential House located at 15318 Myrtle Avenue in Chicago, Illinois. The walkthrough consisted of an evaluation and quantification of universal wastes, equipment, and other environmentally sensitive materials that will likely be encountered during any future building demolition or renovation activities. These materials should be accounted for and removed prior to, or in conjunction with, these activities if not to remain in use.

4.1 Polychlorinated Biphenyls (PCBs)

A3E conducted a site reconnaissance to locate, identify and quantify potential PCB-containing items. No fluorescent bulbs or ballasts were observed.

4.2 Universal Wastes

Under the US Environmental Protection Agency's (US EPA) Universal Waste Rule (40 CFR 273), certain common hazardous wastes (called universal wastes) can be managed under less stringent requirements that those of the Resource Conservation and Recovery Act (RCRA) Hazardous Waste rules. The categories of waste identified by the US EPA as Universal Waste are: Recalled or Unused Pesticides, Hazardous Waste Batteries, Mercury-Containing Thermostats, and Hazardous Waste Lamps. A3E conducted a site reconnaissance to locate, identify and quantify any potential PCB-containing items.

These Federal rules provide states with the authority to add categories of waste that may be managed as universal waste within the state. The State of Illinois has established standards for the management of universal waste. These standards are listed in the Illinois Administrative Code: Title 35, Subtitle G, Chapter 1, Subpart c, Part 733. The State of Illinois has not opted to include any additional wastes beyond those identified by the US EPA in its Universal Waste Standard. However, the State of Illinois has redefined US EPA's category Mercury-Containing Thermostats and as a result developed two categories: Mercury Thermostats and Mercury-Containing Equipment.

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The following potential Universal Wastes were identified at the site:

Mercury Thermostats/Regulators

A3E observed one thermostat in the residence. Numerous light fixtures/ceiling fans with standard light bulbs were observed throughout the residence (please refer to figues for light fixture locations).

4.3 Other Hazardous Containing Materials

A3E did observe a gas meter, cable/satelite box, doorbell unit, electric meter, breaker box, telephone box, satelite dish, an HVAC unit, condenser motor, smoke/fire alarms (please see figures for locations).

Some of the items discussed in this report can be recycled by using state and local (City of Chicago, Cook County, IEPA) resources. Items need to be collected and transported to these recycling facilities where some fees may apply.

5.0 FINDINGS & CONCLUSIONS

Metropolitan Water Reclamation District of Greater Chicago (MWRD) retained A3 Environmental (A3E) to conduct an Asbestos-Containing Material Survey (ACM Survey), Lead Based Paint Survey and Hazardous Materials Survey of the control buildings located at 15318 Myrtle Avenue Harvey, Cook, Illinois 60426 (the facility or building).

ACM Survey: No sampled building materials were found to contain asbestos and laboratory results are indicated as - None Detected.

Lead Survey: The Folowing building components were identified at the 15318 Myrtle Avenue residence to contain greater than 1.0 mg/cm² of lead.

- **Exterior House - older wood window components, old wood siding, soffits and fascia (under siding), wall A wood door jambs, casings, and threshold**
- **Interior Basement - wood window sashes**
- **Interior Bedroom 1 - wood window sashes and casings**

Hazardous Materials Survey:

- **A3E observed one thermostat and numerous light fixtures/ceiling fans with standard light bulbs were observed throughout the residence. A3E did observe a gas meter, cable/satelite box, doorbell unit, electric meter, breaker box,**

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F: (630) 507-9003
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telephone box, satelite dish, an HVAC unit, condenser motor, smoke/fire alarms (please see figures for locations). These materials should be removed or recycled properly prior to demolition.

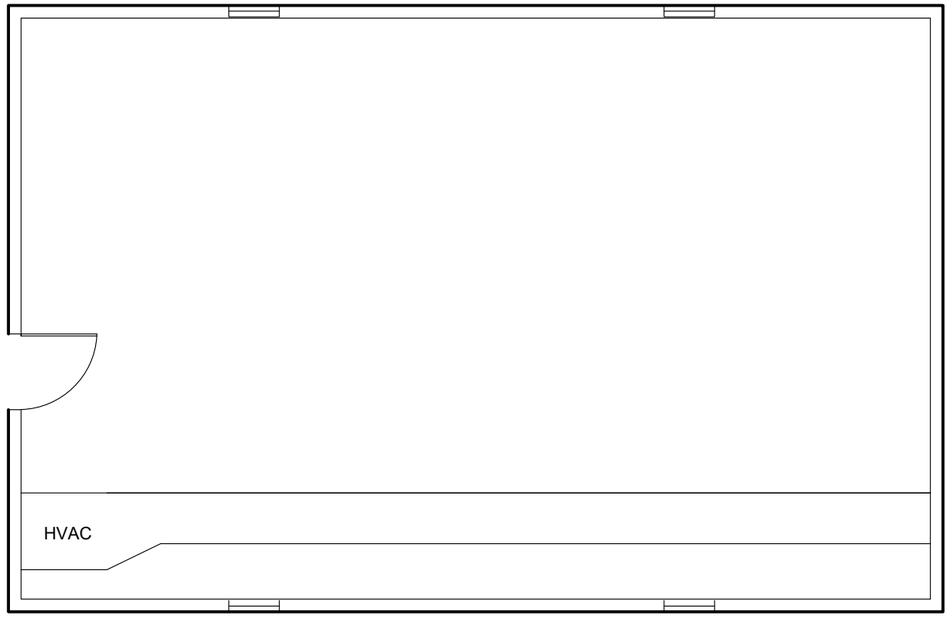
6.0 SIGNATURE OF ENVIRONMENTAL PROFESSIONALS

These surveys were performed as described in the authorized Agreement between Metropolitan Water Reclamation District of Greater Chicago (MWRD) and A3E dated February 12, 2025 and documents the sampling methodology used by qualified environmental professionals of A3E to obtain, identify, and summarize information pertaining to ACMs located at the Vacant Residential House located at 15318 Myrtle Avenue Harvey, Cook, Illinois 60426 (the facility or building).

Report Prepared By:

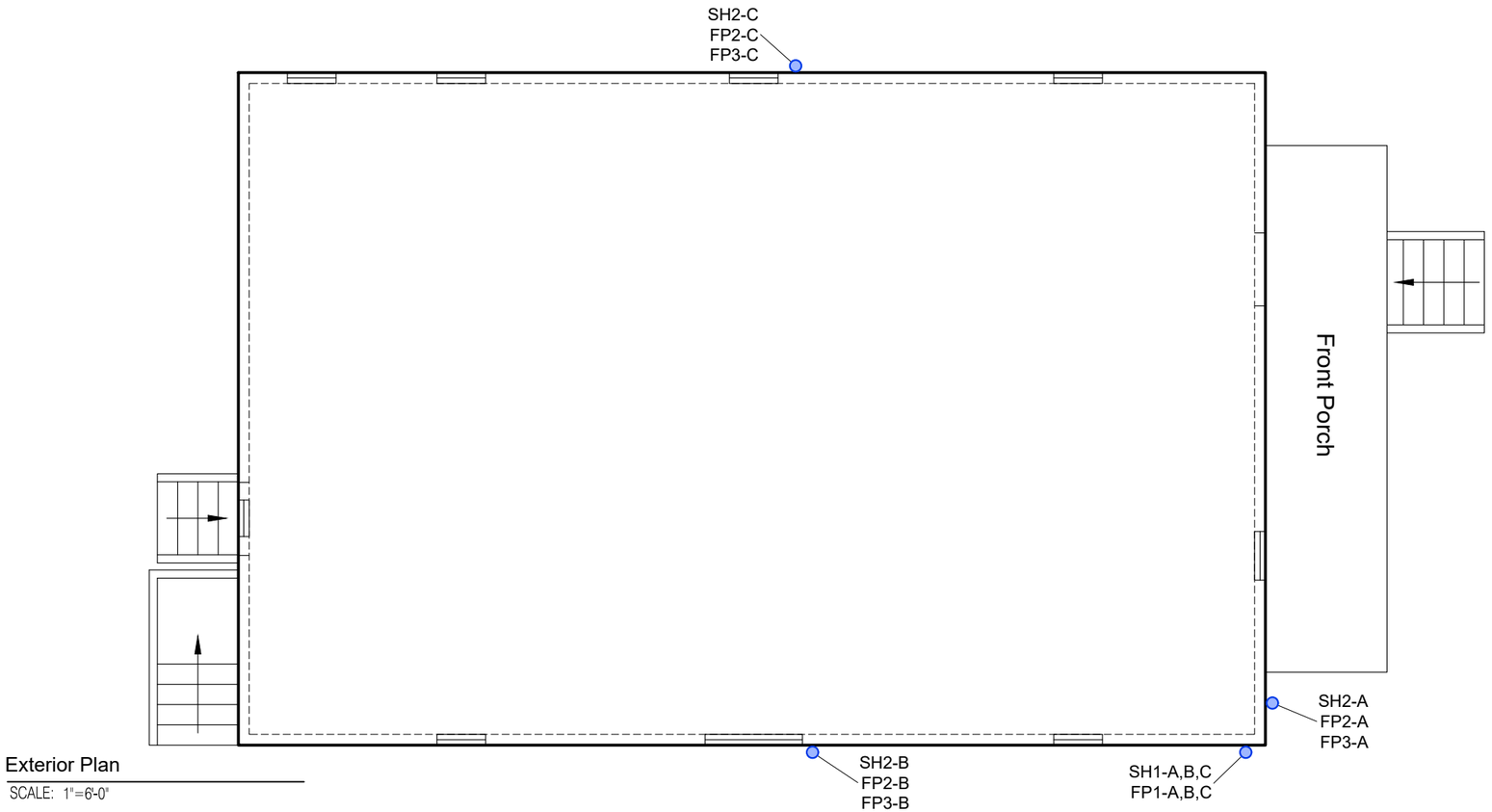


Patrick W. Hook PG
Lead Consultant, EPA AHERA Certified Asbestos Building Inspector, Project Manager, IDPH #100-10967



Basement Floor Plan

SCALE: 1"=6'-0"



Exterior Plan

SCALE: 1"=6'-0"

A3E CONSULTANTS

Legend

Sample Location

REV #	DESCRIPTION	DATE

SITE:
15318 Myrtle Avenue
Harvey, IL 60426

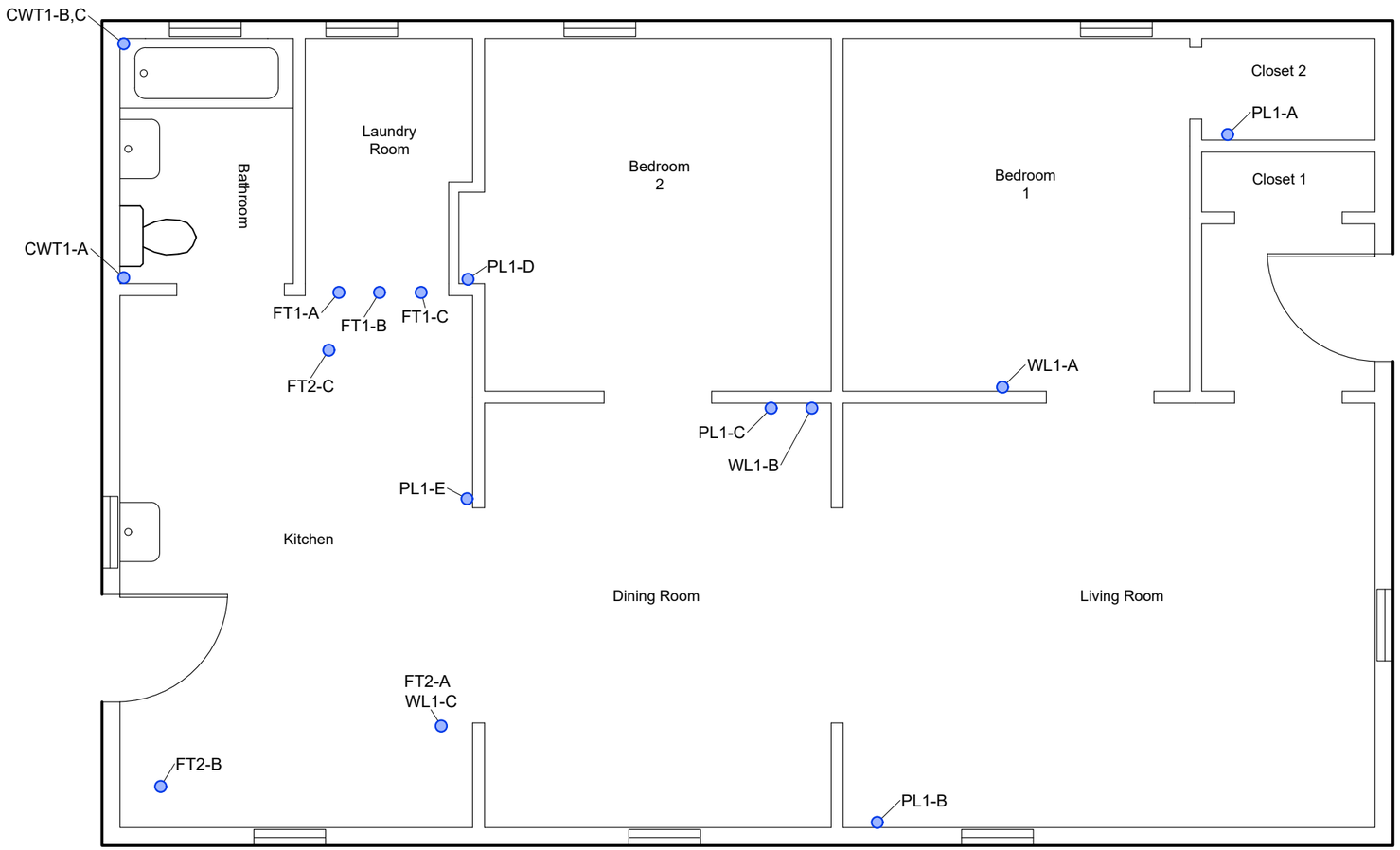
PROJECT NUMBER: 2025.0320

DATE: 06.02.2025

SCALE: 1" = 6'-0"

DWG: ASBESTOS SAMPLE LOCATION MAP

PAGE: 1



First Floor Plan

SCALE: 1"=4'-0"

A3E CONSULTANTS

Legend

Sample Location

REV #	DESCRIPTION	DATE

SITE:
15318 Myrtle Avenue
Harvey, IL 60426

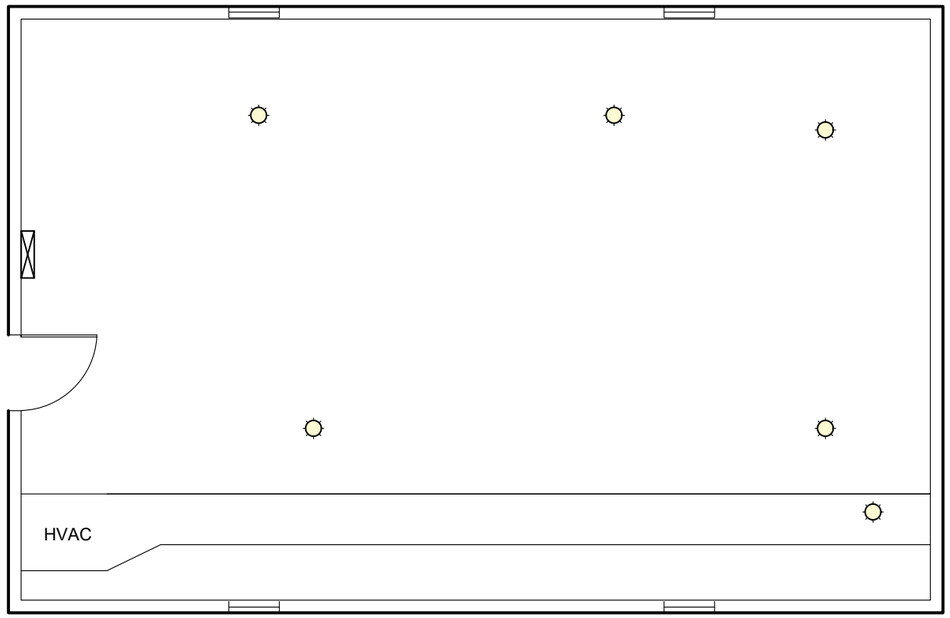
PROJECT NUMBER: 2025.0320

DATE: 06.02.2025

SCALE: 1" = 4'-0"

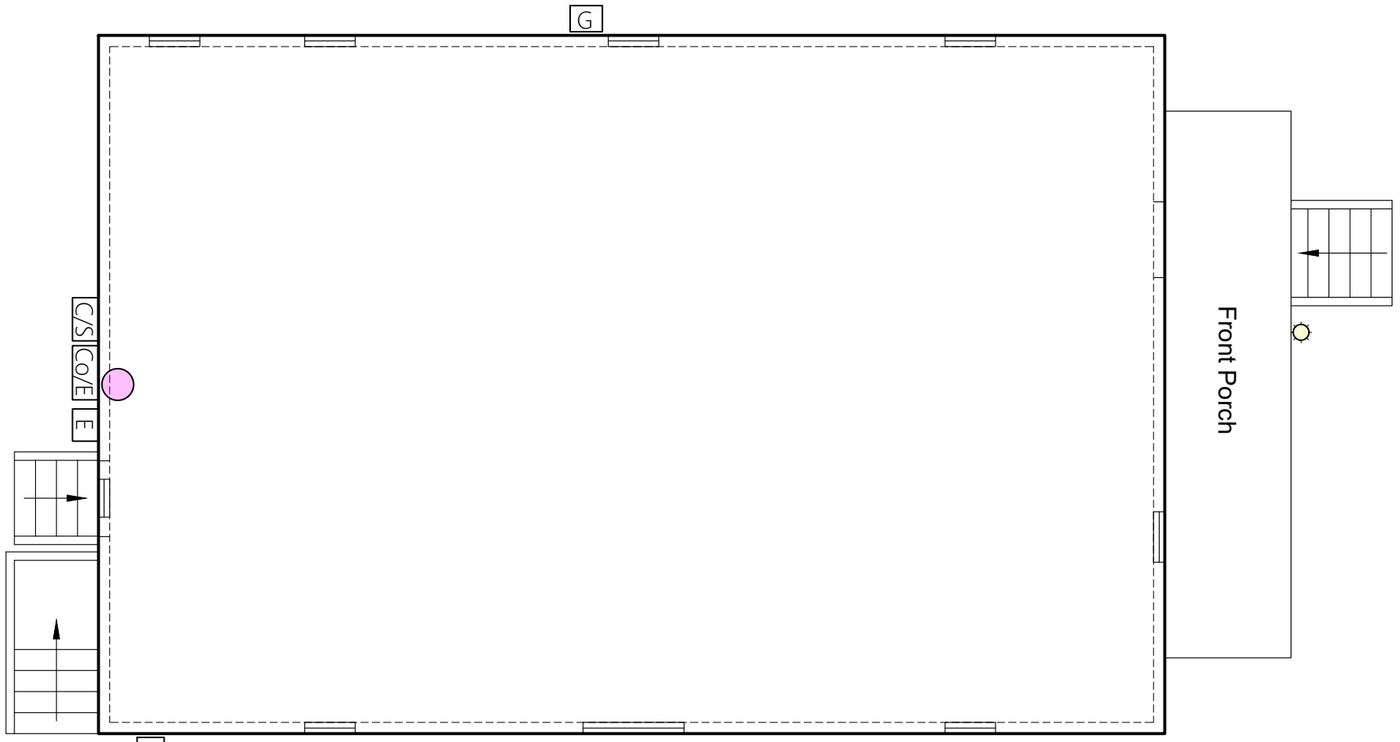
DWG:
ASBESTOS SAMPLE LOCATION MAP

PAGE:
2



Basement Floor Plan

SCALE: 1"=6'-0"



Exterior Plan

SCALE: 1"=6'-0"

A3E CONSULTANTS

Legend

- Light
- E — Electric Meter
- Breaker Box
- G — Gas Meter
- Satellite Dish
- Co/E — Condenser Motor/ Electrical Hookup
- C/S — Cable/Satellite Box
- T — Telephone Box

REV #	DESCRIPTION	DATE

SITE:
15318 Myrtle Avenue
Harvey, IL 60426

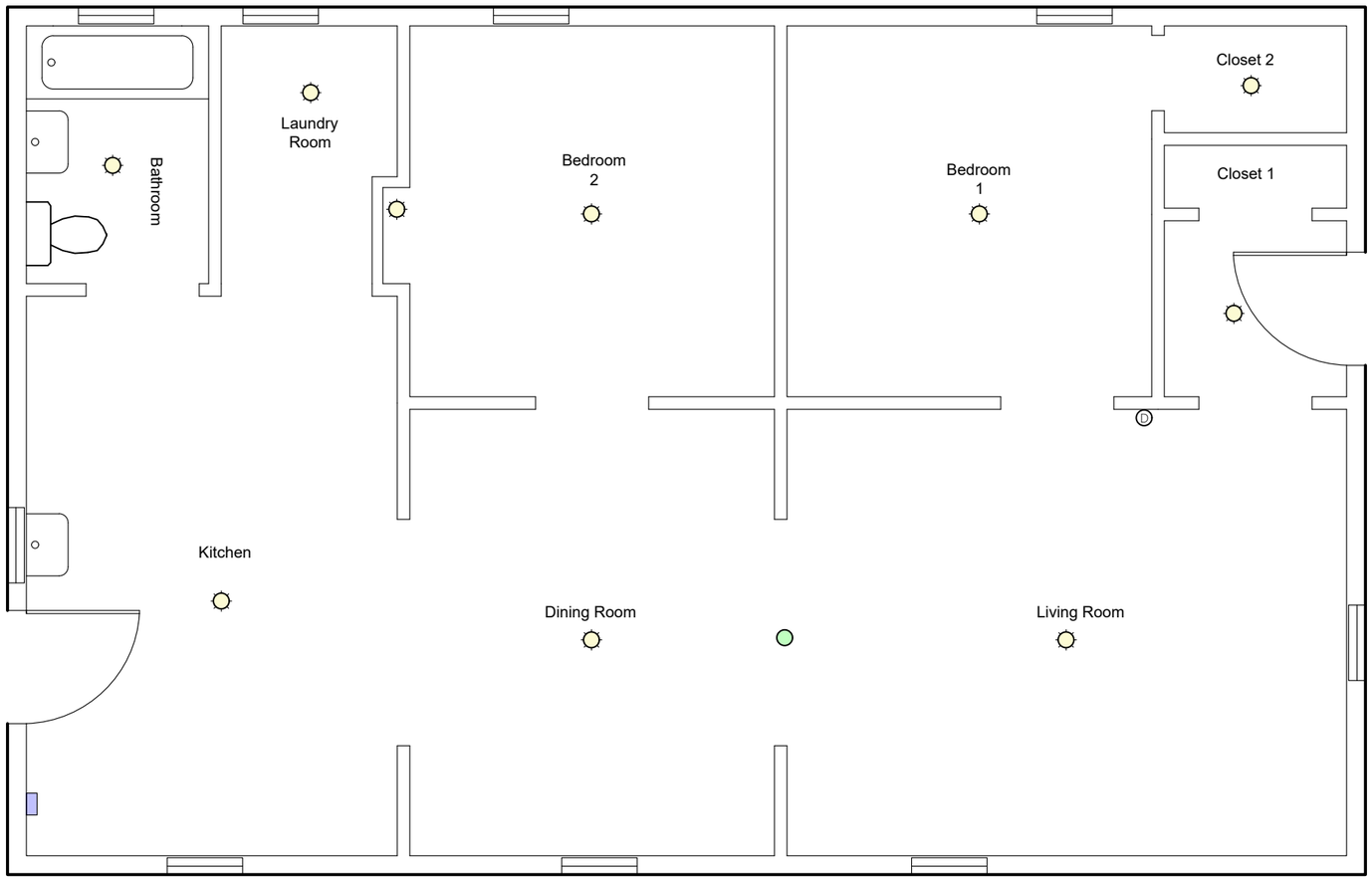
PROJECT NUMBER: 2025.0320

DATE: 06.02.2025

SCALE: 1" = 6'-0"

DWG: HAZARDOUS MATERIAL SURVEY

PAGE: 3



First Floor Plan

SCALE: 1"=4'-0"

A3E CONSULTANTS

Legend

- Light
- Thermostat
- Smoke/Fire Alarm
- Doorbell

REV #	DESCRIPTION	DATE

SITE:
15318 Myrtle Avenue
Harvey, IL 60426

PROJECT NUMBER: 2025.0320

DATE: 06.02.2025

SCALE: 1" = 4'-0"

DWG: HAZARDOUS MATERIAL SURVEY

PAGE: 4

IDPH
ILLINOIS DEPARTMENT OF PUBLIC HEALTH

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

IDPH

ASBESTOS PROFESSIONAL LICENSE

ID NUMBER	ISSUED	EXPIRES
100 - 10967	3/10/2025	05/15/2026

PATRICK W HOOK
2025 WOODLANE DR
LINDENHURST, IL 60046
Environmental Health



Back of License

ENDORSEMENTS	TC EXPIRES
INSPECTOR	1/10/2026
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

TEM ENVIRONMENTAL, INC.
ENVIRONMENTAL SCIENTISTS | INDUSTRIAL HYGIENISTS

LABORATORY REPORT
BULK SAMPLE ASBESTOS EVALUATION BY POLARIZED LIGHT MICROSCOPY METHOD

Client:	A3 Environmental	**Project Location:**	15318 Myrtle Ave.
Contact	Patrick Hook	**Project Reference:**	2025.0320
Address:	3030 Warrenville Rd., Suite 418	**TEM Project:**	76525
	Lisle IL 60532-	**Analyzed by:**	Lori Boersma
		Date Analyzed:	5/23/2025

Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID / Description	Lab ID	Color		Type	Percent	Type	Percent	Filler / Binder	Comments
WL1-A Wood Laminate Flooring	571318	Brown	None Detected	-	-	-	-	90-100	SLM
WL1-B Wood Laminate Flooring	571319	Brown	None Detected	-	-	-	-	90-100	SLM
WL1-C Wood Laminate Flooring	571320	Brown	None Detected	-	-	-	-	90-100	SLM
WL1-A* Wood Laminate Flr Mastic	571321	Clear/Black	None Detected	-	-	-	-	90-100	
WL1-B* Wood Laminate Flr Mastic	571322	Clear/Black	None Detected	-	-	-	-	90-100	
WL1-C* Wood Laminate Flr Mastic	571323	Clear/Black	None Detected	-	-	-	-	90-100	
PL1-A Plaster - Base Coat	571324	Gray	None Detected	-	-	- Hair	- 1-2	98-99	
PL1-B Plaster - Base Coat	571325	Gray	None Detected	-	-	- Hair	- Trace	90-100	

630-790-0880 INFO@TEM-INC.COM 174 N BRANDON DRIVE GLENDALE HEIGHTS, ILLINOIS 60139

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ENVIRONMENTAL SCIENTISTS | INDUSTRIAL HYGIENISTS

LABORATORY REPORT
BULK SAMPLE ASBESTOS EVALUATION BY POLARIZED LIGHT MICROSCOPY METHOD

Client:	A3 Environmental			**Project Location:**	15318 Myrtle Ave.
Contact	Patrick Hook			**Project Reference:**	2025.0320
Address:	3030 Warrenville Rd., Suite 418			**TEM Project:**	76525
	Lisle	IL	60532-	**Analyzed by:**	Lori Boersma
				Date Analyzed:	5/23/2025

Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID Description	Lab ID	Color		Type	Percent	Type	Percent	Filler Binder	Comments
PL1-C Plaster - Base Coat	571326	Gray	None Detected	-	-	- Hair	- 1-2	98-99	
PL1-D Plaster - Base Coat	571327	Gray	None Detected	-	-	- Hair	- 1-2	98-99	
PL1-E Plaster - Base Coat	571328	Gray	None Detected	-	-	Cellulose:	Trace	90-100	
PL1-A* Plaster - Skim Coat	571329	White	None Detected	-	-	- Hair	- Trace	90-100	
PL1-B* Plaster - Skim Coat	571330	White	None Detected	-	-	-	-	90-100	
PL1-C* Plaster - Skim Coat	571331	White	None Detected	-	-	-	-	90-100	
PL1-D* Plaster - Skim Coat	571332	White	None Detected	-	-	Cellulose:	Trace	90-100	
PL1-E* Plaster - Skim Coat	571333	White	None Detected	-	-	-	-	90-100	

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LABORATORY REPORT
BULK SAMPLE ASBESTOS EVALUATION BY POLARIZED LIGHT MICROSCOPY METHOD

Client:	A3 Environmental	**Project Location:**	15318 Myrtle Ave.
Contact	Patrick Hook	**Project Reference:**	2025.0320
Address:	3030 Warrenville Rd., Suite 418	**TEM Project:**	76525
	Lisle IL 60532-	**Analyzed by:**	Lori Boersma
		Date Analyzed:	5/23/2025

Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID Description	Lab ID	Color		Type	Percent	Type	Percent	Filler Binder	Comments
CWT1-A White Ceramic Wall Tile	571334	White	None Detected	-	-	-	-	90-100	
CWT1-B White Ceramic Wall Tile	571335	White	None Detected	-	-	-	-	90-100	
CWT1-C White Ceramic Wall Tile	571336	White	None Detected	-	-	-	-	90-100	
CWT1-A* White Ceramic WT Adhesive	571337	Tan	None Detected	-	-	-	-	90-100	
CWT1-B* White Ceramic WT Adhesive	571338	Tan	None Detected	-	-	-	-	90-100	
CWT1-C* White Ceramic WT Adhesive	571339	White	None Detected	-	-	-	-	90-100	
FT1-A Four Square Wood Pattern FT	571340	Brown	None Detected	-	-	-	-	90-100	SLM
FT1-B Four Square Wood Pattern FT	571341	Brown	None Detected	-	-	-	-	90-100	SLM

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LABORATORY REPORT
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Client:	A3 Environmental	**Project Location:**	15318 Myrtle Ave.
Contact	Patrick Hook	**Project Reference:**	2025.0320
Address:	3030 Warrenville Rd., Suite 418	**TEM Project:**	76525
	Lisle IL 60532-	**Analyzed by:**	Lori Boersma
		Date Analyzed:	5/23/2025

Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID Description	Lab ID	Color		Type	Percent	Type	Percent	Filler Binder	Comments
FT1-C Four Square Wood Pattern FT	571342	Brown	None Detected	-	-	-	-	90-100	SLM
FT1-A* Wood Pattern FT Mastic	571343	Yellow/Clear	None Detected	-	-	Cellulose:	2-3	97-98	
FT1-B* Wood Pattern FT Mastic	571344	Yellow/Clear	None Detected	-	-	Cellulose:	1-2	98-99	
FT1-C* Wood Pattern FT Mastic	571345	Yellow/Clear	None Detected	-	-	Cellulose:	1-2	98-99	
FT2-A Rectangular Gray/Beige FT	571346	Gray/Beige	None Detected	-	-	-	-	90-100	SLM
FT2-B Rectangular Gray/Beige FT	571347	Gray/Beige	None Detected	-	-	-	-	90-100	SLM
FT2-C Rectangular Gray/Beige FT	571348	Gray/Beige	None Detected	-	-	-	-	90-100	SLM
FT2-A* Gray/Beige FT Mastic	571349	Clear/Brown	None Detected	-	-	Cellulose:	2-3	97-98	

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LABORATORY REPORT
BULK SAMPLE ASBESTOS EVALUATION BY POLARIZED LIGHT MICROSCOPY METHOD

Client:	A3 Environmental			**Project Location:**	15318 Myrtle Ave.
Contact	Patrick Hook			**Project Reference:**	2025.0320
Address:	3030 Warrenville Rd., Suite 418			**TEM Project:**	76525
	Lisle	IL	60532-	**Analyzed by:**	Lori Boersma
				Date Analyzed:	5/23/2025

Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID Description	Lab ID	Color		Type	Percent	Type	Percent	Filler Binder	Comments
FT2-B* Gray/Beige FT Mastic	571350	Clear/Brown	None Detected	-	-	Cellulose:	2-3	97-98	
FT2-C* Gray/Beige FT Mastic	571351	Clear/Brown	None Detected	-	-	Cellulose:	2-3	97-98	
SH1-A Brown-Red Roof Shingle	571352	Brown-Red	None Detected	-	-	- Glass:	- 50-60	40-50	
SH1-B Brown-Red Roof Shingle	571353	Brown-Red	None Detected	-	-	- Glass:	- 50-60	40-50	
SH1-C Brown-Red Roof Shingle	571354	Brown-Red	None Detected	-	-	- Glass:	- 50-60	40-50	
FP1-A Felt/Tar Paper (Roof)	571355	Black	None Detected	-	-	Cellulose:	80-90	10-20	
FP1-B Felt/Tar Paper (Roof)	571356	Black	None Detected	-	-	Cellulose:	80-90	10-20	
FP1-C Felt/Tar Paper (Roof)	571357	Black	None Detected	-	-	Cellulose:	80-90	10-20	

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LABORATORY REPORT
BULK SAMPLE ASBESTOS EVALUATION BY POLARIZED LIGHT MICROSCOPY METHOD

Client:	A3 Environmental	**Project Location:**	15318 Myrtle Ave.
Contact	Patrick Hook	**Project Reference:**	2025.0320
Address:	3030 Warrenville Rd., Suite 418	**TEM Project:**	76525
	Lisle IL 60532-	**Analyzed by:**	Lori Boersma
		Date Analyzed:	5/23/2025

Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID Description	Lab ID	Color		Type	Percent	Type	Percent	Filler Binder	Comments
SH2-A Tan Painted Ext. Wall Shingle	571358	Tan	None Detected	-	-	Cellulose:	70-80	20-30	
SH2-B Tan Painted Ext. Wall Shingle	571359	Tan	None Detected	-	-	Cellulose:	70-80	20-30	
SH2-C Tan Painted Ext. Wall Shingle	571360	Tan	None Detected	-	-	Cellulose:	70-80	20-30	
FP2-A Felt/Tar Paper (Exterior Wall)	571361	Black	None Detected	-	-	Cellulose:	80-90	10-20	
FP2-B Felt/Tar Paper (Exterior Wall)	571362	Black	None Detected	-	-	Cellulose:	80-90	10-20	
FP2-C Felt/Tar Paper (Exterior Wall)	571363	Black	None Detected	-	-	Cellulose:	80-90	10-20	
FP3-A Felt/Tar Paper (Exterior Wall)	571364	Black	None Detected	-	-	Cellulose:	80-90	10-20	
FP3-B Felt/Tar Paper (Exterior Wall)	571365	Black	None Detected	-	-	Cellulose:	80-90	10-20	

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LABORATORY REPORT
BULK SAMPLE ASBESTOS EVALUATION BY POLARIZED LIGHT MICROSCOPY METHOD

Client:	A3 Environmental			**Project Location:**	15318 Myrtle Ave.
Contact	Patrick Hook			**Project Reference:**	2025.0320
Address:	3030 Warrenville Rd., Suite 418			**TEM Project:**	76525
	Lisle	IL	60532-	**Analyzed by:**	Lori Boersma
				Date Analyzed:	5/23/2025

Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID / Description	Lab ID	Color		Type	Percent	Type	Percent	Filler / Binder	Comments
FP3-C Felt/Tar Paper (Exterior Wall)	571366	Black	None Detected	-	-	Cellulose:	80-90	10-20	

Samples are analyzed following the procedures contained in the USEPA Method 600/R-93/116 July 1993. This report applies only to samples analyzed. This report may not be reproduced except in full and with the approval of TEM Environmental, Inc. This report may not be used by the client to claim product endorsement by NVLAP or any agency of the US government. An estimate of the laboratory uncertainty is available upon request.
SLM: Certain samples may warrant additional analysis beyond the standard USEPA Polarized Light Microscopy method. 1) Further testing using the point count method is recommend for friable samples found to contain less than 10% asbestos by PLM to confirm that the samples are in fact regulated asbestos containing materials (RACM) as defined by the USEPA NESHAP Regulation. 2) The optical resolution of a polarized light microscope limits the size of fibers that are visible. In cases where very small fibers may be present, such as in samples of floor tiles, vermiculite or certain construction adhesives, the result of the PLM analysis is not conclusive when the sample is reported as "None Detected" or "Trace". Further testing using transmission electron microscopy is recommended in those cases where samples may contain very small fibers which may be smaller than the resolution limit of a polarized light microscope. All such services are available for an additional fee.

Analytical services provided are subject to the Terms and Conditions listed on our website.

Report Approved by:

630-790-0880 INFO@TEM-INC.COM 174 N BRANDON DRIVE GLENDALE HEIGHTS, ILLINOIS 60139

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630-790-0880 | INFO@TEM-INC.COM

CHAIN OF CUSTODY FORM

Client: A3E	Date: 05/09/2025
Contact: Patrick Hook	
Address: 3030 Warrenville Road	
City/State/Zip: Lisle	
Phone: 773-243-7533	Fax:
Email: Patrick@a3e.com	

TAT RUSH/WKD [ ] 24HR [ ] 48HR [ ] 72HR [ ] 4 DAYS [ ] > 5 DAYS [✔]

Project Name/No: 15318 Myrtle Ave / 2025.0320

Results Due by (Date & Time):

TEM Project #: 76525

NVLAP ID 101130 AIHA-PAT ID 101151 AIHA-AAR ID 101151

Comments: Please Analyze Mastics & Adhesives

PO/Quote#:

Client ID No.	Description	Sample Volume	PLM: Bulk	PLM: Point Count	PLM: Gravimetric	TEM: Air-AHERA	TEM: Air-Other	TEM: Bulk	TEM: Chatfield	TEM: Water	TEM: Micro-Vac	TEM: PCM-Air	TEM: Other	Comments
WL1-A,B,C	Wood Laminate Flooring & Mastic (Throughout)		✔											
PL1-A,B,C,D,E	Plaster (Base & Skim Coat)		✔											
CWT1-A,B,C	White Ceramic Wall Tile & Adhesive (Bathroom)		✔											
FT1-A,B,C	12"x12" Four Square Wood Pattern Floor Tile & Mastic (Laundry)		✔											
FT2-A,B,C	Rectangular Gray & Beige Wood Pattern Floor Tile & Mastic (Kitchen)		✔											
SH1-A,B,C	Brown-Red Roof Shingle		✔											
FP1-A,B,C	Felt/Tar Paper (Roof)		✔											
SH2-A,B,C	Tan Painted Exterior Wall Shingle		✔											
FP2-A,B,C	Felt/Tar Paper (Exterior Wall)		✔											
FP3-A,B,C	Felt/Tar Paper (Exterior Wall)		✔											

RELINQUISHED BY (SIGNATURE): A3E	DATE/TIME 5-9-25 3:04	RECEIVED BY (SIGNATURE):	DATE/TIME 5/9/25 3:10pm
RELINQUISHED BY (SIGNATURE):	DATE/TIME	RECEIVED BY (SIGNATURE):	DATE/TIME
LOGGED IN BY (SIGNATURE):	DATE/TIME	ANALYZED BY (SIGNATURE):	DATE/TIME



1
15318 Myrtle Avenue



2
East Elevation



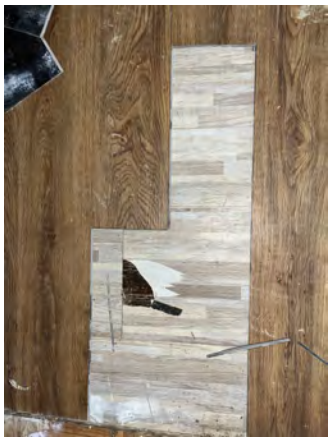
3
West Elevation



4
South Elevation



5
Wood Laminate Flooring & Mastic (WL1) Throughout House



6
Rectangular Gray and Beige Wood Pattern Floor Tile & Mastic in Kitchen (FT2)



7
12"x12" Four Square Wood Pattern Floor Tile & Mastic in Laundry



8
Plaster (PL1)



9
Tan Painted Exterior Wall Shingle (SH2) Under Vinyl Siding With Two Layers of Felt/Tar Paper Underneath Shingle (FP2 & FP3)



10
White Ceramic Wall Tile & Adhesive in Bathroom (CWT1)



11
Brown-Red Roof Shingle (SH1) and Felt/Tar Paper Underneath



12
Doorbell



13
Light Fixture on Front Porch



14
Gas Meter



15
Satellite



16
Condenser Motor and Electric Hookup, Electric Meter and Cable/Satellite Box



17
Telephone Box

Lead Based Paint Inspection Report

For the Property Located at:



Upcoming Demolition Areas - House
15318 South Myrtle Avenue
Harvey, IL 60426

Prepared for:

Protecting Our Water Environment
Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

Inspected and Prepared By:

A3E, Inc.
3030 Warrenville Road, Suite 418
Lisle, IL 60532

Date Performed: May 1, 2025
Report Issued: May 14, 2025
Inspector: James W. Sundberg, IL1743

Upcoming Demolition Areas - House
15318 South Myrtle Avenue, Harvey, IL 60426

IDENTIFYING INFORMATION

A lead based paint (LBP) inspection was conducted on the potential demolition of the house at the property listed on the cover sheet. The property consisted of the following structures with general appearance and make.

One (1) Residence constructed in the 1920's. 2 Story wood house with pitched roof and basement. House had mostly original components.

A comprehensive LBP Inspection of accessible buildings and rooms was performed on this Property. The purpose of this inspection was to determine the presence or absence of Lead Based Paint (LBP), as defined by the United States Environmental Protection Agency (USEPA) and the Illinois Department of Public Health (IDPH). This inspection was conducted on May 1, 2025 by James W. Sundberg (License Number IL1743).

METHODOLOGY

Even though not applicable on this type of property, the protocol used for this inspection is based on the practices and procedures in the United States Department of Housing and Urban Development's (HUD) *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing*, 2012 Revision (HUD Guidelines) and the United States Environmental Protection Agency's (USEPA) 40 CFR Part 745 (*Lead; Identification of Dangerous Levels of Lead; Final Rule; January 5, 2001*), It should be noted that the Occupational Safety and Health Administration (OSHA) Lead in Construction Standard (29 CFR 1926.62) does not define Lead Based Paint (LBP). A modified, comprehensive inspection by building of building **WAS** performed. **Although all painted, varnished, and shellacked components on a room by room basis were tested, limited numbers of walls (about 2) per room were tested.**

The Inspection was conducted utilizing the Viken Detection (formerly Heuresis Pb200i XRF (Serial Number 2187). The XRF fieldwork was conducted in accordance with the guidelines outlined in the EPA Performance Characteristic Sheet (Attached). In addition, please note the report does not label locations as North, South, East, and West. It utilizes A, B, C, and D. For this report, Wall A corresponds to the East Wall (Street Address Side) in every room. Walls B, C, and D are labeled from Wall A in a clockwise manner. For this project, Wall A is to the East, Wall B is to the South, Wall C is to the West, and Wall D is to the North.

RESULTS

Component by component testing on a room by room basis was performed throughout the property. It was attempted to test all components that were painted, varnished, or shellacked. Some readings were above the United States Environmental Protection Agency (USEPA) and Illinois Department of Public Health (IDPH) Regulatory Level of 1.0 mg/cm². Table I, below, contains a summary of the generic components that tested POSITIVE for LBP on this property.

Since all accessible, painted components were tested, components not listed in Table I tested negative for LBP.

Beneath this Cover Letter are two reports that sort the **same** information different ways. The first is a Summary Report and the second is a Detailed Report. A Summary Report displays all readings that were at or above the USEPA and IDPH Regulatory Level of 1.0 mg/cm². The Detailed Report lists all the readings, by room, that were taken during the inspection. Positive readings are displayed in a red color, negative readings are blue in color, and calibration readings are black.

Upcoming Demolition Areas - House
15318 South Myrtle Avenue, Harvey, IL 60426

TABLE I
GENERIC COMPONENTS POSITIVE FOR LBP

ROOM	COMPONENT
Exterior House	Older Wood Window Components
	Wall A Wood Door Casings, Jambs, and Threshold
	Old Wood Siding, Soffits, and Fascia (present under Siding)
Interior Basement	Wood Window Sashes
Interior Bedroom 1	Wood Window Sashes and Casings

All Components in some form of deteriorated condition.

APPLICABLE REGULATIONS

WORKER PROTECTION (OSHA)

The United States Occupational Safety and Health Administration (OSHA) considers lead in paint to be any detectable level of lead concentration to be a concern during renovation and demolition activities, as indicated in the OSHA Lead in Construction Standard (29 CFR 1926.62). The purpose of the OSHA Lead in Construction Standard is to protect construction workers from exposure to lead dust and fumes. OSHA is primarily concerned with activities that disturb paints with "detectable" amounts of lead. Several painted surfaces at the property were determined to contain lead above the OSHA level of concern.

The most effective way to determine if lead dust will be a health concern during renovation is to conduct a Negative Initial Determination (NID) to determine if the amount of generated lead dust would exceed the Permissible Exposure Limit (PEL) for lead dust or fumes. In general, an NID is a measurement of a known, airborne contaminant (e.g., lead) over period of eight hours. If the amount of airborne lead in the area is less than the PEL (as calculated by a qualified laboratory) than workers would be allowed to perform the work without Respirators and Personal Protective Equipment (PPE).

1) the NID information is given to the contractor and s/he agrees to it;
2) the contractor does not deviate from the process that was measured during the NID; and
3) The NID has been performed within the previous 12 months.

RECOMMENDATIONS

In summary, multiple building components were identified as coated with LBP at this property. Most of the LBP was in some form of deteriorated condition and some of the LBP was significantly damaged as noted in Table 1.

It is recommended that the findings of this LBP inspection report be provided to the demolition contractor with direction to perform the demolition work in a manner that complies with the OSHA Lead Standard for worker protection. The demolition work should also be performed in accordance with all other applicable lead related regulations.

SUPPORT INFORMATION

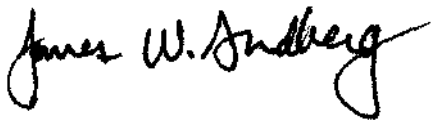
Enclosed in this document, besides inspection reports, are copies of the Lead Paint Risk Assessor's (Inspector) Illinois Department of Public Health (IDPH) License, and the XRF Performance Characteristic Sheets (PCS).

The undersigned has performed the Client-requested tasks listed above in a thorough and professional manner consistent with commonly accepted standard industry practices using state of the art practices and best available known technology as of the day of the assessment. We cannot guarantee and do not warrant that the LBP Testing has identified all adverse environmental factors and/or conditions affecting the subject property on the date of the Assessment. We cannot and will not warrant that that assessment testing that was requested by the client will satisfy the dictates of, or provide a legal defense in connection with, any environmental laws or regulations. It is the responsibility of the client to know and abide by all applicable laws, regulations, and standards.

This inspection is solely for the benefit of the client. The results and opinions in this report, based solely upon the conditions found on the property as of the date of the Assessment, will be valid only as of the date of the Assessment. We assume no obligation to advise the client of any changes in any real or potential Lead hazards at this property that may or may not be later brought to our attention.

Thanks again for the opportunity to serve you with this project. Should questions or comments arise, please do not hesitate in contacting me at (630) 514-4108.

Sincerely,



James W. Sundberg
Lead Risk Assessor/Inspector (IL1743)

Upcoming Demolition Areas - House
15318 South Myrtle Avenue, Harvey, IL 60426

LBP SUMMARY REPORT

Summary Lead Based Paint Inspection

Inspection Date:	5/1/2025 - 5/1/2025	Inspection Site:	Vacant House 15318 Myrtle Avenue Harvey, IL 60426
Action Level:	1.0 (mg/cm²)		
Total Readings:	22		
Unit Started:	05/01/2025 12:27:09		
Unit Ended:	05/01/2025 13:28:53		

Read #	Result	RTA Present	Room	-->RoomChoice	Structure	-->Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
354 (CAL)		Off	Calibration								1.0 mg/cm²	Action Level (1.0)
355 (CAL)		Off	Calibration								1.0 mg/cm²	Action Level (1.0)
356 (CAL)		Off	Calibration								1.0 mg/cm²	Action Level (1.0)
357 (CAL)		Off	Calibration								0.0 mg/cm²	Action Level (1.0)
358 (CAL)		Off	Calibration								0.0 mg/cm²	Action Level (1.0)
359 (CAL)		Off	Calibration								0.0 mg/cm²	Action Level (1.0)
362	Positive	Off	Exterior	House	Window	Casing	Wood	A	Left	Deteriorated	6.8 mg/cm²	Action Level (1.0)
363	Positive	Off	Exterior	House	Door	Casing	Wood	A	Right	Deteriorated	6.9 mg/cm²	Action Level (1.0)
364	Positive	Off	Exterior	House	Door	Jamb	Wood	A	Right	Deteriorated	19.6 mg/cm²	Action Level (1.0)
365	Positive	Off	Exterior	House	Door	Threshold	Wood	A	Right	Deteriorated	19.3 mg/cm²	Action Level (1.0)
367	Positive	Off	Exterior	House	Wall		Wood	D	LC	Deteriorated	7.9 mg/cm²	Action Level (1.0)
368	Positive	Off	Exterior	House	Wall		Wood	A	UC	Deteriorated	7.4 mg/cm²	Action Level (1.0)

Summary Lead Based Paint Inspection

Inspection Date: 5/1/2025 - 5/1/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 22
Unit Started: 05/01/2025 12:27:09
Unit Ended: 05/01/2025 13:28:53

Inspection Site: Vacant House
15318 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-->RoomChoice	Structure	-->Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
374	Positive	Off	Exterior	House	Basement	Casing	Wood	D	Right	Deteriorated	2.1 mg/cm²	Action Level (1.0)
383	Positive	Off	Interior	Basement	Basement	Sash	Wood	D	Left	Deteriorated	6.4 mg/cm²	Action Level (1.0)
438	Positive	Off	Interior	Bedroom 1	Window	Sash	Wood	D	Left	Deteriorated	1.2 mg/cm²	Action Level (1.0)
439	Positive	Off	Interior	Bedroom 1	Window	Casing	Wood	D	Left	Deteriorated	1.1 mg/cm²	Action Level (1.0)
458 (CAL)		Off	Calibration								1.0 mg/cm²	Action Level (1.0)
459 (CAL)		Off	Calibration								1.0 mg/cm²	Action Level (1.0)
460 (CAL)		Off	Calibration								1.0 mg/cm²	Action Level (1.0)
461 (CAL)		Off	Calibration								0.0 mg/cm²	Action Level (1.0)
462 (CAL)		Off	Calibration								0.0 mg/cm²	Action Level (1.0)
463 (CAL)		Off	Calibration								0.0 mg/cm²	Action Level (1.0)

------ END OF READINGS ------

A 3 E

Upcoming Demolition Areas - House
15318 South Myrtle Avenue, Harvey, IL 60426

LBP DETAILED REPORT

Detailed Lead Based Paint Inspection

Inspection Date: 5/1/2025 - 5/1/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 110
Unit Started: 05/01/2025 12:27:09
Unit Ended: 05/01/2025 13:28:53

Inspection Site: Vacant House
15318 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-->RoomChoice	Structure	-->Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
354 (CAL)		Off	Calibration								1.0 mg/cm²	Action Level (1.0)
355 (CAL)		Off	Calibration								1.0 mg/cm²	Action Level (1.0)
356 (CAL)		Off	Calibration								1.0 mg/cm²	Action Level (1.0)
357 (CAL)		Off	Calibration								0.0 mg/cm²	Action Level (1.0)
358 (CAL)		Off	Calibration								0.0 mg/cm²	Action Level (1.0)
359 (CAL)		Off	Calibration								0.0 mg/cm²	Action Level (1.0)
360	Negative	Off	Exterior	Front Porch	Support	Column	Wood	A	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
361	Negative	Off	Exterior	Front Porch	Ceiling		Wood	A		Deteriorated	0.0 mg/cm²	Action Level (1.0)
362	Positive	Off	Exterior	House	Window	Casing	Wood	A	Left	Deteriorated	6.8 mg/cm²	Action Level (1.0)
363	Positive	Off	Exterior	House	Door	Casing	Wood	A	Right	Deteriorated	6.9 mg/cm²	Action Level (1.0)
364	Positive	Off	Exterior	House	Door	Jamb	Wood	A	Right	Deteriorated	19.6 mg/cm²	Action Level (1.0)
365	Positive	Off	Exterior	House	Door	Threshold	Wood	A	Right	Deteriorated	19.3 mg/cm²	Action Level (1.0)

A 3 E

Detailed Lead Based Paint Inspection

Inspection Date: 5/1/2025 - 5/1/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 110
Unit Started: 05/01/2025 12:27:09
Unit Ended: 05/01/2025 13:28:53

Inspection Site: Vacant House
15318 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-->RoomChoice	Structure	-->Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
366	Negative	Off	Exterior	House	Door	Panel	Wood	A	Right	Deteriorated	0.0 mg/cm²	Action Level (1.0)
367	Positive	Off	Exterior	House	Wall		Wood	D	LC	Deteriorated	7.9 mg/cm²	Action Level (1.0)
368	Positive	Off	Exterior	House	Wall		Wood	A	UC	Deteriorated	7.4 mg/cm²	Action Level (1.0)
369	Negative	Off	Exterior	House	Wall		Asphalt	A	UL	Deteriorated	0.9 mg/cm²	Action Level (1.0)
370	Negative	Off	Exterior	House	Window	Guard	Metal	D	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
371	Negative	Off	Exterior	House	Foundation		Wood	D	LC	Deteriorated	0.1 mg/cm²	Action Level (1.0)
372	Negative	Off	Exterior	House	Foundation		Wood	C	LL	Deteriorated	0.2 mg/cm²	Action Level (1.0)
373	Negative	Off	Exterior	House	Foundation		Wood	B	LC	Deteriorated	0.1 mg/cm²	Action Level (1.0)
374	Positive	Off	Exterior	House	Basement	Casing	Wood	D	Right	Deteriorated	2.1 mg/cm²	Action Level (1.0)
375	Negative	Off	Exterior	House	Door	Header	Wood	C	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
376	Negative	Off	Exterior	House	Door	Casing	Wood	C	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
377	Negative	Off	Exterior	House	Door	Panel	Metal	C	Center	Deteriorated	0.1 mg/cm²	Action Level (1.0)

Detailed Lead Based Paint Inspection

Inspection Date: 5/1/2025 - 5/1/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 110
Unit Started: 05/01/2025 12:27:09
Unit Ended: 05/01/2025 13:28:53

Inspection Site: Vacant House
15318 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-- >RoomChoice	Structure	-- >Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
378	Negative	Off	Interior	Basement	Support	Column	Metal	A	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
379	Negative	Off	Interior	Basement	Wall		Conc Block	A	UL	Deteriorated	0.2 mg/cm²	Action Level (1.0)
380	Negative	Off	Interior	Basement	Wall		Conc Block	D	UC	Deteriorated	0.1 mg/cm²	Action Level (1.0)
381	Negative	Off	Interior	Basement	Wall		Concrete	D	LL	Deteriorated	0.2 mg/cm²	Action Level (1.0)
382	Negative	Off	Interior	Basement	Wall		Concrete	A	LL	Deteriorated	0.0 mg/cm²	Action Level (1.0)
383	Positive	Off	Interior	Basement	Basement	Sash	Wood	D	Left	Deteriorated	6.4 mg/cm²	Action Level (1.0)
384	Negative	Off	Interior	Basement	Door	Casing	Wood	C	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
385	Negative	Off	Interior	Basement	Door	Panel	Metal	C	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
386	Negative	Off	Interior	Basement	Sewer Pipe		Metal	C	Right	Deteriorated	0.1 mg/cm²	Action Level (1.0)
387	Negative	Off	Interior	Foyer	Door	Panel	Wood	A	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
388	Negative	Off	Interior	Foyer	Door	Casing	Wood	A	Center	Deteriorated	0.1 mg/cm²	Action Level (1.0)
389	Negative	Off	Interior	Foyer	Baseboard		Wood	B	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)

Detailed Lead Based Paint Inspection

Inspection Date: 5/1/2025 - 5/1/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 110
Unit Started: 05/01/2025 12:27:09
Unit Ended: 05/01/2025 13:28:53

Inspection Site: Vacant House
15318 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-->RoomChoice	Structure	-->Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
390	Negative	Off	Interior	Foyer	Door	Jamb	Wood	B	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
391	Negative	Off	Interior	Foyer	Ceiling		Drywall	D		Deteriorated	0.0 mg/cm²	Action Level (1.0)
392	Negative	Off	Interior	Foyer	Closet	Wall	Drywall	D	Center	Deteriorated	0.1 mg/cm²	Action Level (1.0)
393	Negative	Off	Interior	Foyer	Closet	Ceiling	Drywall	D	Center	Deteriorated	0.2 mg/cm²	Action Level (1.0)
394	Negative	Off	Interior	Foyer	Wall		Drywall	D	UC	Deteriorated	0.2 mg/cm²	Action Level (1.0)
395	Negative	Off	Interior	Foyer	Wall		Drywall	B	LC	Deteriorated	0.2 mg/cm²	Action Level (1.0)
396	Negative	Off	Interior	Living Room	Wall		Plaster	C	UL	Deteriorated	0.2 mg/cm²	Action Level (1.0)
397	Negative	Off	Interior	Living Room	Wall		Plaster	A	LC	Deteriorated	0.3 mg/cm²	Action Level (1.0)
398	Negative	Off	Interior	Living Room	Ceiling		Plaster	A		Deteriorated	0.1 mg/cm²	Action Level (1.0)
399	Negative	Off	Interior	Living Room	Window	Sill	Wood	A	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
400	Negative	Off	Interior	Living Room	Window	Sash	Wood	A	Center	Deteriorated	0.1 mg/cm²	Action Level (1.0)
401	Negative	Off	Interior	Living Room	Window	Casing	Wood	A	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)

Detailed Lead Based Paint Inspection

Inspection Date: 5/1/2025 - 5/1/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 110
Unit Started: 05/01/2025 12:27:09
Unit Ended: 05/01/2025 13:28:53

Inspection Site: Vacant House
15318 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-->RoomChoice	Structure	-->Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
402	Negative	Off	Interior	Living Room	Baseboard		Wood	D	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
403	Negative	Off	Interior	Living Room	Door	Casing	Wood	D	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
404	Negative	Off	Interior	Living Room	Door	Panel	Wood	D	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
405	Negative	Off	Interior	Living Room	Support	Column	Wood	C	Right	Deteriorated	0.0 mg/cm²	Action Level (1.0)
406	Negative	Off	Interior	Living Room	Bookcase		Wood	C	Right	Deteriorated	0.0 mg/cm²	Action Level (1.0)
407	Negative	Off	Interior	Dining Room	Bookcase		Wood	A	Right	Deteriorated	0.0 mg/cm²	Action Level (1.0)
408	Negative	Off	Interior	Dining Room	Door	Panel	Wood	D	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
409	Negative	Off	Interior	Dining Room	Floor		Wood	D		Deteriorated	0.0 mg/cm²	Action Level (1.0)
410	Negative	Off	Interior	Living Room	Floor		Wood	C		Deteriorated	0.0 mg/cm²	Action Level (1.0)
411	Negative	Off	Interior	Foyer	Floor		Wood	B		Deteriorated	0.0 mg/cm²	Action Level (1.0)
412	Negative	Off	Interior	Dining Room	Wall		Plaster	D	UL	Deteriorated	0.0 mg/cm²	Action Level (1.0)
413	Negative	Off	Interior	Dining Room	Wall		Plaster	B	UL	Deteriorated	0.0 mg/cm²	Action Level (1.0)

Detailed Lead Based Paint Inspection

Inspection Date: 5/1/2025 - 5/1/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 110
Unit Started: 05/01/2025 12:27:09
Unit Ended: 05/01/2025 13:28:53

Inspection Site: Vacant House
15318 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-->RoomChoice	Structure	-->Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
414	Negative	Off	Interior	Dining Room	Ceiling		Plaster	B		Deteriorated	0.0 mg/cm²	Action Level (1.0)
415	Negative	Off	Interior	Kitchen	Ceiling		Plaster	C		Deteriorated	0.1 mg/cm²	Action Level (1.0)
416	Negative	Off	Interior	Kitchen	Wall		Plaster	C	UC	Deteriorated	0.1 mg/cm²	Action Level (1.0)
417	Negative	Off	Interior	Kitchen	Wall		Plaster	A	LC	Deteriorated	0.1 mg/cm²	Action Level (1.0)
418	Negative	Off	Interior	Kitchen	Window	Sill	Wood	B	Center	Deteriorated	0.1 mg/cm²	Action Level (1.0)
419	Negative	Off	Interior	Kitchen	Window	Sash	Wood	B	Center	Deteriorated	0.4 mg/cm²	Action Level (1.0)
420	Negative	Off	Interior	Kitchen	Window	Casing	Wood	B	Center	Deteriorated	0.1 mg/cm²	Action Level (1.0)
421	Negative	Off	Interior	Kitchen	Baseboard		Wood	A	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
422	Negative	Off	Interior	Kitchen	Door	Jamb	Wood	D	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
423	Negative	Off	Interior	Kitchen	Door	Panel	Wood	D	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
424	Negative	Off	Interior	Kitchen	Cabinet		Wood	A	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
425	Negative	Off	Interior	Bathroom	Cabinet		Wood	D	Center	Deteriorated	0.1 mg/cm²	Action Level (1.0)

Detailed Lead Based Paint Inspection

Inspection Date: 5/1/2025 - 5/1/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 110
Unit Started: 05/01/2025 12:27:09
Unit Ended: 05/01/2025 13:28:53

Inspection Site: Vacant House
15318 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-->RoomChoice	Structure	-->Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
426	Negative	Off	Interior	Bathroom	Access	Casing	Wood	A	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
427	Negative	Off	Interior	Bathroom	Door	Caisng	Wood	B	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
428	Negative	Off	Interior	Bathroom	Door	Panel	Wood	B	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
429	Negative	Off	Interior	Bathroom	Ceiling		Drywall	B		Deteriorated	0.0 mg/cm²	Action Level (1.0)
430	Negative	Off	Interior	Bathroom	Wall		Drywall	B	UC	Deteriorated	0.0 mg/cm²	Action Level (1.0)
431	Negative	Off	Interior	Bathroom	Wall		Drywall	C	UC	Deteriorated	0.0 mg/cm²	Action Level (1.0)
432	Negative	Off	Interior	Bedroom 1	Wall		Plaster	D	LC	Deteriorated	0.0 mg/cm²	Action Level (1.0)
433	Negative	Off	Interior	Bedroom 1	Wall		Plaster	A	LL	Deteriorated	0.0 mg/cm²	Action Level (1.0)
434	Negative	Off	Interior	Bedroom 1	Ceiling		Plaster	A		Deteriorated	0.0 mg/cm²	Action Level (1.0)
435	Negative	Off	Interior	Bedroom 1	Floor		Wood	A		Deteriorated	0.1 mg/cm²	Action Level (1.0)
436	Negative	Off	Interior	Bedroom 1	Baseboard		Wood	D	Left	Deteriorated	0.1 mg/cm²	Action Level (1.0)
437	Negative	Off	Interior	Bedroom 1	Window	Sill	Wood	D	Left	Deteriorated	0.1 mg/cm²	Action Level (1.0)

Detailed Lead Based Paint Inspection

Inspection Date: 5/1/2025 - 5/1/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 110
Unit Started: 05/01/2025 12:27:09
Unit Ended: 05/01/2025 13:28:53

Inspection Site: Vacant House
15318 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-->RoomChoice	Structure	-->Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
438	Positive	Off	Interior	Bedroom 1	Window	Sash	Wood	D	Left	Deteriorated	1.2 mg/cm²	Action Level (1.0)
439	Positive	Off	Interior	Bedroom 1	Window	Casing	Wood	D	Left	Deteriorated	1.1 mg/cm²	Action Level (1.0)
440	Negative	Off	Interior	Bedroom 1	Door	Panel	Wood	B	Center	Deteriorated	0.2 mg/cm²	Action Level (1.0)
441	Negative	Off	Interior	Bedroom 1	Door	Jamb	Wood	B	Center	Deteriorated	0.3 mg/cm²	Action Level (1.0)
442	Negative	Off	Interior	Bedroom 2	Door	Casing	Wood	B	Right	Deteriorated	0.1 mg/cm²	Action Level (1.0)
443	Negative	Off	Interior	Bedroom 2	Door	Panel	Wood	B	Right	Deteriorated	0.2 mg/cm²	Action Level (1.0)
444	Negative	Off	Interior	Bedroom 2	Baseboard		Wood	D	Right	Deteriorated	0.2 mg/cm²	Action Level (1.0)
445	Negative	Off	Interior	Bedroom 2	Window	Sill	Wood	D	Right	Deteriorated	0.2 mg/cm²	Action Level (1.0)
446	Negative	Off	Interior	Bedroom 2	Window	Sash	Wood	D	Right	Deteriorated	0.0 mg/cm²	Action Level (1.0)
447	Negative	Off	Interior	Bedroom 2	Window	Casing	Wood	D	Right	Deteriorated	0.1 mg/cm²	Action Level (1.0)
448	Negative	Off	Interior	Bedroom 2	Ceiling		Plaster	D		Deteriorated	0.0 mg/cm²	Action Level (1.0)
449	Negative	Off	Interior	Bedroom 2	Wall		Plaster	D	UC	Deteriorated	0.0 mg/cm²	Action Level (1.0)

A 3 E

Detailed Lead Based Paint Inspection

Inspection Date: 5/1/2025 - 5/1/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 110
Unit Started: 05/01/2025 12:27:09
Unit Ended: 05/01/2025 13:28:53

Inspection Site: Vacant House
15318 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-->RoomChoice	Structure	-->Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
450	Negative	Off	Interior	Bedroom 2	Wall		Plaster	C	UC	Deteriorated	0.0 mg/cm²	Action Level (1.0)
451	Negative	Off	Interior	Bedroom 2	Floor		Wood	C		Deteriorated	0.1 mg/cm²	Action Level (1.0)
452	Negative	Off	Interior	Bedroom 2	Floor		Wood	D		Deteriorated	0.1 mg/cm²	Action Level (1.0)
453	Negative	Off	Interior	Bedroom 2	Floor		Wood	B		Deteriorated	0.1 mg/cm²	Action Level (1.0)
454	Negative	Off	Interior	Bedroom 2	Floor		Wood	A		Deteriorated	0.1 mg/cm²	Action Level (1.0)
455	Negative	Off	Interior	Bedroom 2	Floor		Wood	A		Deteriorated	0.2 mg/cm²	Action Level (1.0)
456	Negative	Off	Interior	Bedroom 2	Floor		Wood	B		Deteriorated	0.4 mg/cm²	Action Level (1.0)
457	Negative	Off	Interior	Bedroom 2	Floor		Wood	C		Deteriorated	0.0 mg/cm²	Action Level (1.0)
458 (CAL)		Off	Calibration								1.0 mg/cm²	Action Level (1.0)
459 (CAL)		Off	Calibration								1.0 mg/cm²	Action Level (1.0)
460 (CAL)		Off	Calibration								1.0 mg/cm²	Action Level (1.0)
461 (CAL)		Off	Calibration								0.0 mg/cm²	Action Level (1.0)

Detailed Lead Based Paint Inspection

Inspection Date:	5/1/2025 - 5/1/2025	Inspection Site:	Vacant House 15318 Myrtle Avenue Harvey, IL 60426
Action Level:	1.0 (mg/cm²)		
Total Readings:	110		
Unit Started:	05/01/2025 12:27:09		
Unit Ended:	05/01/2025 13:28:53		

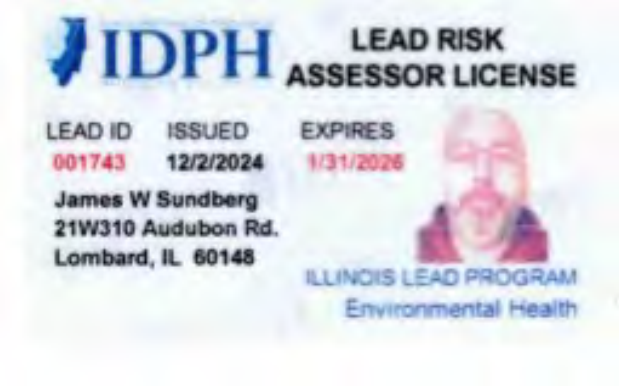
Read #	Result	RTA Present	Room	-- >RoomChoice	Structure	-- >Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
462 (CAL)		Off	Calibration								0.0 mg/cm²	Action Level (1.0)
463 (CAL)		Off	Calibration								0.0 mg/cm²	Action Level (1.0)

------ END OF READINGS ------

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IDPH INSPECTOR/RISK ASSESSOR'S LICENSE

Upcoming Demolition Areas - House
15318 South Myrtle Avenue, Harvey, IL 60426



XRF PERFORMANCE CHARACTERISTIC SHEETS

Performance Characteristic Sheet

EFFECTIVE DATE: **December 1, 2015**

MANUFACTURER AND MODEL:

Make: ***Heuresis***
Models: ***Model Pb200i***
Source: ***^{57}Co, 5 mCi (nominal – new source)***

FIELD OPERATION GUIDANCE

OPERATING PARAMETERS:

Action Level mode

XRF CALIBRATION CHECK LIMITS:

0.8 to 1.2 mg/cm^2 (inclusive)

SUBSTRATE CORRECTION:

Not applicable

INCONCLUSIVE RANGE OR THRESHOLD:

ACTION LEVEL MODE READING DESCRIPTION	SUBSTRATE	THRESHOLD (mg/cm^2)
Results not corrected for substrate bias on any substrate	Brick Concrete Drywall Metal Plaster Wood	1.0 1.0 1.0 1.0 1.0 1.0

BACKGROUND INFORMATION

EVALUATION DATA SOURCE AND DATE:

This sheet is supplemental information to be used in conjunction with Chapter 7 of the HUD *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing* ("HUD Guidelines"). Performance parameters shown on this sheet are calculated using test results on building components in the HUD archive. Testing was conducted on 146 test samples in November 2015, with two separate instruments running software version 2.1-2 in Action Level test mode. The actual source strength of each instrument on the day of testing was approximately 2.0 mCi; source ages were approximately one year.

OPERATING PARAMETERS

Performance parameters shown in this sheet are applicable only when properly operating the instrument using the manufacturer's instructions and procedures described in Chapter 7 of the HUD Guidelines.

XRF CALIBRATION CHECK:

The calibration of the XRF instrument should be checked using the paint film nearest 1.0 mg/cm^2 in the NIST Standard Reference Material (SRM) used (e.g., for NIST SRM 2579, use the 1.02 mg/cm^2 film).

If the average (rounded to 1 decimal place) of three readings is outside the acceptable calibration check range, follow the manufacturer's instructions to bring the instrument into control before XRF testing proceeds.

SUBSTRATE CORRECTION VALUE COMPUTATION:

Chapter 7 of the HUD Guidelines provides guidance on correcting XRF results for substrate bias. Supplemental guidance for using the paint film nearest 1.0 mg/cm^2 for substrate correction is provided:

XRF results are corrected for substrate bias by subtracting from each XRF result a correction value determined separately in each house for single-family housing or in each development for multifamily housing, for each substrate. The correction value is an average of XRF readings taken over the NIST SRM paint film nearest to 1.0 mg/cm^2 at test locations that have been scraped bare of their paint covering. Compute the correction values as follows:

> Using the same XRF instrument, take three readings on a bare substrate area covered with the NIST SRM paint film nearest 1 mg/cm^2. Repeat this procedure by taking three more readings on a second bare substrate area of the same substrate covered with the NIST SRM.
>
> Compute the correction value for each substrate type where XRF readings indicate substrate correction is needed by computing the average of all six readings as shown below.
>
> <u>For each substrate type</u> (the 1.02 mg/cm^2 NIST SRM is shown in this example; use the actual lead loading of the NIST SRM used for substrate correction):
>
> Correction value = (1st + 2nd + 3rd + 4th + 5th + 6th *Reading*)/6 - 1.02 mg/cm^2
>
> Repeat this procedure for each substrate requiring substrate correction in the house or housing development.

EVALUATING THE QUALITY OF XRF TESTING:

Randomly select ten testing combinations for retesting from each house or from two randomly selected units in multifamily housing.

Conduct XRF re-testing at the ten testing combinations selected for retesting.

Determine if the XRF testing in the units or house passed or failed the test by applying the steps below. Compute the Retest Tolerance Limit by the following steps:

Determine XRF results for the original and retest XRF readings. Do not correct the original or retest results for substrate bias. In single-family and multi-family housing, a result is defined as a single reading. Therefore, there will be ten original and ten retest XRF results for each house or for the two selected units.

Calculate the average of the original XRF result and the retest XRF result for each testing combination.

Square the average for each testing combination.

Add the ten squared averages together. Call this quantity C.

Multiply the number C by 0.0072. Call this quantity D.

Add the number 0.032 to D. Call this quantity E.

Take the square root of E. Call this quantity F.

Multiply F by 1.645. The result is the Retest Tolerance Limit.

Compute the average of all ten original XRF readings.

Compute the average of all ten re-test XRF readings.

Find the absolute difference of the two averages.

If the difference is less than the Retest Tolerance Limit, the inspection has passed the retest. If the difference of the overall averages equals or exceeds the Retest Tolerance Limit, this procedure should be repeated with ten new testing combinations. If the difference of the overall averages is equal to or greater than the Retest Tolerance Limit a second time, then the inspection should be considered deficient.

Use of this procedure is estimated to produce a spurious result approximately 1% of the time. That is, results of this procedure will call for further examination when no examination is warranted in approximately 1 out of 100 dwelling units tested.

TESTING TIMES:

In the Action Level paint test mode, the instrument takes the longest time to complete readings close to the Federal standard of 1.0 mg/cm^2. The table below shows the mean and standard deviation of actual reading times by reading level for paint samples during the November 2015 archive testing. The tested instruments reported readings to one decimal place. No significant differences in reading times by substrate were observed. These times apply only to instruments with the same source strength as those tested (2.0 mCi). Instruments with stronger sources will have shorter reading times and those with weaker sources, longer reading times, than those in the table.

Mean and Standard Deviation of Reading Times in Action Level Mode by Reading Level		
Reading (mg/cm^2)	**Mean Reading Time (seconds)**	**Standard Deviation (seconds)**
< 0.7	3.48	0.47
0.7	7.29	1.92
0.8	13.95	1.78
0.9 – 1.2	15.25	0.66
1.3 – 1.4	6.08	2.50
≥ 1.5	3.32	0.05

CLASSIFICATION OF RESULTS:

XRF results are classified as **positive** if they are **greater than or equal** to the stated threshold for the instrument (1.0 mg/cm^2), and *negative* if they are *less than* the threshold.

DOCUMENTATION:

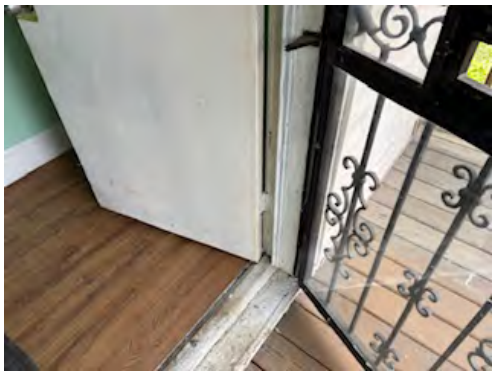
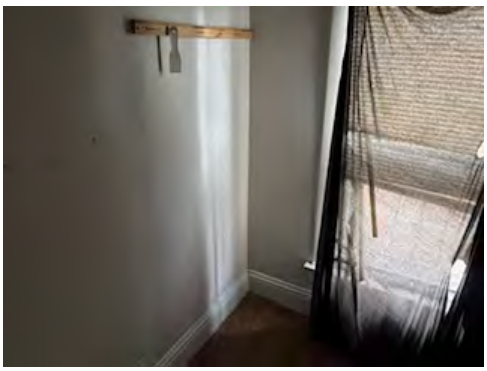
A report titled *Methodology for XRF Performance Characteristic Sheets* (EPA 747-R-95-008) provides an explanation of the statistical methodology used to construct the data in the sheets, and provides empirical results from using the recommended inconclusive ranges or thresholds for specific XRF instruments. The report may be downloaded at http://www2.epa.gov/lead/methodology-xrf-performance-characteristic-sheets-epa-747-r-95-008-september-1997.

This XRF Performance Characteristic Sheet (PCS) was developed by QuanTech, Inc., under a contract with the XRF manufacturer.

Upcoming Demolition Areas - House
15318 South Myrtle Avenue, Harvey, IL 60426

PHOTOGRAPH DOCUMENTATION OF COMPONENTS WITH LEAD BASED PAINT

Upcoming Demolition Areas - House
15318 South Myrtle Avenue, Harvey, IL 60426

	
Exterior House. Wall A Wood Door Jambs, Casings, and Threshold with Deteriorated Lead Based Paint (LBP).	**Exterior House. Older Wood Siding with LBP under Aluminum and Wood siding.**
	
Exterior House. Wood Window Components with Deteriorated LBP.	**Exterior House. Wood Window Components with Deteriorated LBP.**
	
Exterior Back Yard with no Garage.	**Interior Bedroom 1. Wood Window Sill and Casing with Deteriorated LBP.**

HAZARODUS MATERIALS BUILIDNG SURVEY

RESIDENTIAL HOUSE

15328 Myrtle Ave
Harvey, Illinois 60426

PREPARED FOR

Metropolitan Water Reclamation District of Greater Chicago (MWRD)
111 East Erie Street
Chicago, Illinois 60611

PREPARED BY

A3 Environmental, LLC
3030 Warrenville Road, Suite 418
Lisle, Illinois 60532
T: 888-405-1742

Project Number: 2025.0320
Date: June 20, 2025

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A3 Environmental, LLC
T: (888) 405-1742
F: (630) 507-9003
Info@A3E.com

Job Number 2025.0320

Metropolitan Water Reclamation District of Greater Chicago (MWRD)
Mr. Mark Leibrock
111 East Erie Street
Chicago, Illinois 60611

Hazardous Materials Building Survey
Vacant Residential House
15328 Myrtle Avenue
Harvey, Illinois 60426

Dear: Mr. Leibrock:

A3 Environmental, LLC (A3E) is pleased to submit this Hazarodus Materials Building Survey to Include a Lead Based Paint (LBP) Survey, Hazardous Materials Survey (HMS) and Asbestos Containg Materials (ACM) Survey report for the property located at 15328 Myrtle Avenue in Harvey, Illinois (the "Site").

1.0 SITE DESCRIPTION

The Site is a vacant 2,136 square foot two story residential house with crawlspace that was built in 1894 (according to real estate listings).

2.0 ACM SURVEY

The ACM Survey was conducted to categorize the different homogeneous materials within the building, to assess the condition of suspect asbestos-containing materials (ACMs), to develop and implement an asbestos sampling plan, and identify or negate the presence of asbestos through laboratory analysis.

2.1 ACM Executive Summary

The 15328 Myrtle Avenue Site is a two story, vacant residential home that has a crawlspace and is slab on grade. The house is constructed of brick and wood frame with interior plaster walls and a pitched roof with asphalt shingles. There are ceiling tiles, some drywall, hardwood floors with vinyl and ceramic floor tiles.

The field activities were conducted on May 2nd, 2025, by Mr. Patrick W. Hook, a licensed Illinois Department of Public Health (IDPH) asbestos inspector. A3E collected a total of 66 bulk samples of suspect ACMs from 21 homogeneous materials identified at the 15328

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F: (630) 507-9003
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Myrtle Avenue Site. It is important to note that in many instances, additional material layers (i.e. mastics/glues/adhesives/layers) associated with the 66 bulk samples were also analyzed, thus increasing the total number of samples to 120.

Asbestos includes chrysotile, amosite, crocidolite, anthophyllite, tremolite and actinolite (fibrous minerals). The analytical report relates only to the samples tested. Samples were analyzed using Polarized Light Microscopy (PLM) with dispersion staining via EPA Method 600/R-93/116 or equivalent for bulk asbestos materials. The reliable limit of detection of this method is one percent (1%) asbestos content. When no asbestos is detected in the sample submitted, the results are reported as *None Detected.* If a sample contains greater than 1% asbestos, it is considered to be an asbestos-containing material by the United States Environmental Protection Agency- National Emission Standards for Hazardous Air Pollutants (EPA-NESHAPs), the United States Occupational Safety and Health Administration (OSHA), the Cook County Department of Environment and Sustainability (CCDES), the Illinois Environmental Protection Agency (IEPA) and the Illinois Department of Public Health (IDPH). However, if a material contains less than 1% asbestos, certain work practice requirements and prohibitions of the OSHA Asbestos in Construction Standard (29 CFR 1926.1101) must be followed (during activities where materials are disturbed such as re-modeling or demolition).

Suspect materials such as floor tile, mastics, glues, adhesives, ceramics and roofing are classified as Non-friable Organically Bound (NOB) materials. As such the EPA recommends, but is not required, further analysis of these type materials using Transmission Electron Microscopy (TEM) analysis or the EPA 600/R-93/116 400 Point Count Method for PLM samples identified to be less than 10% asbestos or to be inconclusive by PLM. TEM and/or point counting were not included in the base scope of services for this project.

In accordance with the Agreement, this ACM Survey focused on major interior and exterior building systems and components with potential to contain asbestos. It is possible that additional suspect or assumed ACMs may be present within inaccessible areas of the building, such as above fixed ceilings, within wall systems, behind walls, beneath layers of flooring, roof core layers, within pipe chases, in mechanical equipment insulation, in electrical components, and within HVAC equipment; therefore, these materials may not have been observed or sampled during this ACM Survey. It should be noted that any other suspect materials within the site building not sampled as part of this limited ACM Survey should be assumed to be ACM until proven otherwise prior to future renovation or demolition activities.

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2.2 Sampling Protocol

Bulk samples of each material suspected to contain asbestos were collected utilizing a modified Asbestos Hazard Emergency Response Act (AHERA) sampling protocol (AHERA, 40 CFR763.86), OSHA General Industry Standard 29 CFR 1910.1001, OSHA Asbestos Construction Standard 29 CFR 1926.1101, IEPA and IDPH rules and requirements.

Suspect ACMs were identified, and bulk samples were collected by a IDPH Licensed Asbestos Inspector and submitted for laboratory analysis. The EPA, OSHA, CCDES, IEPA and IDPH define ACM as a material that contains greater than one percent (1%) asbestos.

2.3 Laboratory Analysis

Submitted suspect ACM bulk samples were analyzed by TEM Environmental (TEM) located in Glendale Heights, Illinois. TEM is a National Voluntary Laboratory Accreditation Program (NVLAP) accredited laboratory, an American Industrial Hygiene Association (AIHA) accredited institution, and is also certified in Illinois. Bulk samples were analyzed using PLM EPA Method 600/R-93/116. Copies of the laboratory chain of custody and analytical report documentation are provided in the Appendix.

2.4 Limitations & Exceptions of Survey

Site observations are of the conditions observed at the time of the site reconnaissance.

A3E notes the following limitations:

All materials that are positive for asbestos have been quantified by A3E as good faith estimates. These good faith estimates should be verified by any general contractor or abatement company, prior to commencement of work, to determine the actual amount of identified materials that needs to be removed/abated.

It is also possible that additional suspect or assumed ACMs may be present within inaccessible areas of the building, such as above fixed ceilings, in wall systems, behind walls, beneath layers of flooring, roof core layers, within pipe chases, in mechanical equipment insulation, in electrical components, and within HVAC equipment; therefore, these materials may not have been observed or sampled during this limited ACM Survey. It should be noted that any other suspect materials within the site building not sampled as part of this limited ACM Survey should be assumed to be ACM until proven otherwise prior to future renovation or demolition activities.

A3 Environmental, LLC
T: (888) 405-1742
F: (630) 507-9003
Info@A3E.com

2.5 Results

Bulk sampling of homogeneous areas containing suspect ACMs was conducted at the site. A homogeneous area is defined as an area of surfacing material, thermal system insulation material or miscellaneous material that is uniform in appearance, color and texture, and was applied at the same time.

Prior to collection of suspect materials, the sample location was sprayed with amended water to minimize fiber release and to soften the building material being sampled. Bulk materials were sampled from the center of the wetted area. After the sample was taken, the bulk material was placed in a sample bag which was sealed to prevent escape or contamination of outside sources. A unique sample number was assigned to each sample and the sample bag was labeled with that number.

Asbestos includes chrysotile, amosite, crocidolite, anthophyllite, tremolite and actinolite (fibrous minerals). The analytical report relates only to the samples tested. Samples were analyzed using PLM with dispersion staining via EPA Method 600/R-93/116 or equivalent for bulk asbestos materials. The reliable limit of detection of this method is one percent (1%) asbestos content. When no asbestos is detected in the sample submitted, the results are reported as *None Detected.* If a sample contains greater than 1% asbestos, it is considered to be an asbestos-containing material by EPA-NESHAPs, OSHA, CCDES IEPA and IDPH. The following tables describes materials sampled, locations, analytical results, friability, condition, and quantity estimates of materials sampled at the building. Building materials identified at the facility to contain greater than 1% asbestos are bolded.

SAMPLE #	DESCRIPTION	MATERIAL LOCATION	LAB RESULTS	FRIABILITY/ CONDITION	ESTIMATED QUANTITY	NOTES
PL1-A,B,C,D,E,F	Plaster (Base & Skim Coat)	Throughout	ND ND ND ND ND ND	Not Friable/ Good	4,000 SF	
TP1-A,B,C	Textured Paint	Kitchen 1 Ceiling, 1st Floor Hallway, Staircase Walls	ND ND ND	Not Friable/ Good	1,000 SF	

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DWS1-A,B,C	Drywall System	1st Floor Interior Walls	ND ND ND	Not Friable/ Good	800 SF	
FT1-A,B,C	12"x12" Gray Floor Tile & Mastic	1st Floor Hallway, 1st Floor Living Room	ND ND ND	Not Friable/ Good	300 SF	
FT2-A,B,C	Unknown Color-Pattern Floor Tile & Mastic	1st Floor Hallway & Living Room	ND ND ND	Not Friable/ Good	300 SF	
FT3-A,B,C	Unknown Color-Pattern Floor Tile & Mastic	1st Floor Hallway & Living Room	ND ND ND	Not Friable/ Good	300 SF	
FT4-A,B,C	Thin Wood Pattern Floor Tile & Mastic	1st Floor Living Room and Hallway/ Landing	ND ND ND	Not Friable/ Good	300 SF	
FT5-A,B,C	9"x9" Wood Parquet Floor Tile & Mastic	Bedrooms 2&4 Closets	ND ND ND	Not Friable/ Good	24 SF	Closets Only
FT6-A,B,C	12"x12" Gray Mottle Floor Tile & Mastic	Bedrooms 3&4	ND ND ND	Not Friable/ Good	355 SF	
FT7-A,B,C	12"x12" Black Floor Tile & Mastic	2nd Floor Living Room	ND ND ND	Not Friable/ Good	225 SF	
FL1-A,B,C	Gray Floor Leveler Panel	1st Floor Living Room & Kitchen	ND ND ND	Not Friable/ Good	2,000 SF	
LN1-A,B,C	Black & White Square Linoleum & Adhesive	1st Floor Kitchen	ND ND ND	Not Friable/ Good	240 SF	

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LN2-A,B,C	Wood Square Pattern Linoleum & Adhesive	2nd Floor Living Room	ND ND ND	Not Friable/ Good	225 SF	Under FT7
SH1-A,B,C	Black Shingle	Roof	ND ND ND	Not Friable/ Good	1,500 SF	
FP1-A,B,C	Felt/Tar Paper	Roof	ND ND ND	Not Friable/ Good	1,500 SF	Under SH1
SH2-A,B,C	Gray/White Shingle Siding	Exterior	ND ND ND	Not Friable/ Good	3,000 SF	Under Exterior Vinyl Siding
BM1-A,B,C	Brick & Mortar	Exterior	ND ND ND	Not Friable/ Good	500 SF	
CFT1-A,B,C	12"x12" Tan-White Ceramic Floor Tile & Adhesive	1st Floor Living Room & Kitchen, 2nd Floor Kitchen	ND ND ND	Not Friable/ Good	720 SF	
CFT2-A,B,C	9"x9" Tan Ceramic Floor Tile & Adhesive	1st Floor Ultility Room	ND ND ND	Not Friable/ Good	28 SF	
CWT1-A,B,C	1.5'x1.5' Gray Ceramic Wall Tile & Adhesive	Bathroom 1	ND ND ND	Not Friable/ Good	60 SF	
CWT2-A,B,C	Off-White 2.5"x2.5" Ceramic Wall Tile & Adhesive	Bathroom 2	ND ND ND	Not Friable/ Good	76 SF	

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2.5.1 Survey Method & Results

The field activities were conducted on May 2nd, 2025, by Mr. Patrick W. Hook, a licensed Illinois Department of Public Health (IDPH) asbestos inspector. A3E collected a total of 66 bulk samples of suspect ACMs from 21 homogeneous materials identified at the 15328 Myrtle Avenue Site. It is important to note that in many instances, additional material layers (i.e. mastics/glues/adhesives/layers) associated with the 66 bulk samples were also analyzed, thus increasing the total number of samples to 120.

No sampled building materials were found to contain asbestos and laboratory results are indicated as - None Detected.

3.0 LEAD SURVEY

A comprehensive LBP Inspection of accessible buildings and rooms was performed on this Property. The purpose of this inspection was to determine the presence or absence of Lead Based Paint (LBP), as defined by the United States Environmental Protection Agency (USEPA) and the Illinois Department of Public Health (IDPH). This inspection was conducted on May 2, 2025 by James W. Sundberg (License Number IL1743).

Even though not applicable on this type of property, the protocol used for this inspection is based on the practices and procedures in the United States Department of Housing and Urban Development's (HUD) Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing, 2012 Revision (HUD Guidelines) and the United States Environmental Protection Agency's (USEPA) 40 CFR Part 745 (Lead; Identification of Dangerous Levels of Lead; Final Rule; January 5, 2001), It should be noted that the Occupational Safety and Health Administration (OSHA) Lead in Construction Standard (29 CFR 1926.62) does not define Lead Based Paint (LBP). A modified, comprehensive inspection by building of building WAS performed. Although all painted, varnished, and shellacked components on a room by room basis were tested, limited numbers of walls (about 2) per room were tested.

The Inspection was conducted utilizing the Viken Detection (formerly Heuresis Pb200i XRF (Serial Number 2187). The XRF fieldwork was conducted in accordance with the guidelines outlined in the EPA Performance Characteristic Sheet (Attached). In addition, please note the report does not label locations as North, South, East, and West. It utilizes A, B, C, and D. For this report, Wall A corresponds to the East Wall (Street Address Side) in every room. Walls B, C, and D are labeled from Wall A in a clockwise manner. For this project, Wall A is to the East, Wall B is to the South, Wall C is to the West, and Wall D is to the North.

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Component by component testing on a room by room basis was performed throughout the property. It was attempted to test all components that were painted, varnished, or shellacked. Some readings were above the United States Environmental Protection Agency (USEPA) and Illinois Department of Public Health (IDPH) Regulatory Level of 1.0 mg/cm². Table I, below, contains a summary of the generic components that tested POSITIVE for LBP on this property. Since all accessible, painted components were tested, components not listed in the table below tested negative for LBP.

15328 MYRTLE AVE - GENERIC COMPONENTS POSITIVE FOR LBP	
ROOM	**COMPONENT**
Exterior House	Walls A Wood Jambs, Casings, and Threshold
	Wall C Wood Window Components
	Wood Siding, Soffits, and Fascia (Assumed to be under Aluminum and Asphalt)
Interior 1 SW Entry	Wood Walls and Ceiling
Interior Basement	Wall D Wood Door Casings
	Wall A Wood Window Casings
Interior 2 Kitchen	Plaster Wall A (In Closet)
All Components in some form of deteriorated condition	

4.0 HAZARDOUS MATERIALS SURVEYS

This section summarizes the findings of a hazardous/universal waste materials survey walkthrough and evaluation performed by A3 Environmental, LLC (A3E) on April 2, 2025 at the Vacant Residential House located at 15328 Myrtle Avenue in Chicago, Illinois. The walkthrough consisted of an evaluation and quantification of universal wastes, chemicals, equipment, and other environmentally sensitive materials that will likely be encountered during any future building demolition or renovation activities. These materials should be accounted for and removed prior to, or in conjunction with, these activities if not to remain in use.

4.1 Polychlorinated Biphenyls (PCBs)

A3E conducted a site reconnaissance to locate, identify and quantify potential PCB-containing items. No fluorescent bulbs or ballasts were observed.

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4.2 Universal Wastes

Under the US Environmental Protection Agency's (US EPA) Universal Waste Rule (40 CFR 273), certain common hazardous wastes (called universal wastes) can be managed under less stringent requirements that those of the Resource Conservation and Recovery Act (RCRA) Hazardous Waste rules. The categories of waste identified by the US EPA as Universal Waste are: Recalled or Unused Pesticides, Hazardous Waste Batteries, Mercury-Containing Thermostats, and Hazardous Waste Lamps.

These Federal rules provide states with the authority to add categories of waste that may be managed as universal waste within the state. The State of Illinois has established standards for the management of universal waste. These standards are listed in the Illinois Administrative Code: Title 35, Subtitle G, Chapter 1, Subpart c, Part 733. The State of Illinois has not opted to include any additional wastes beyond those identified by the US EPA in its Universal Waste Standard. However, the State of Illinois has redefined US EPA's category Mercury-Containing Thermostats and as a result developed two categories: Mercury Thermostats and Mercury-Containing Equipment.

The following Universal Wastes were identified at the site:

Mercury Thermostats/Regulators

A3E observed two thermostats in the residence. Numerous light fixtures/ceiling fans with standard light bulbs were observed throughout the residence (please refer to figues for light fixture locations).

4.3 Other Hazardous Containing Materials

A3E did observe a gas meter, carbon monoxide detector, electric meter, breaker box, water heater, telephone box, two HVAC units and smoke/fire alarms (please see figures for locations).

Some of the items discussed in this report can be recycled by using state and local (City of Chicago, Cook County, IEPA) resources. Items need to be collected and transported to these recycling facilities where some fees may apply.

5.0 FINDINGS & CONCLUSIONS

Metropolitan Water Reclamation District of Greater Chicago (MWRD) retained A3 Environmental (A3E) to conduct an Asbestos-Containing Material Survey (ACM Survey), Lead Based Paint Survey and Hazardous Materials Survey of the control buildings located at 15328 Myrtle Avenue Harvey, Cook, Illinois 60426 (the facility or building).

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F: (630) 507-9003
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ACM Survey: **No sampled building materials were found to contain asbestos and laboratory results are indicated as - None Detected.**

Lead Survey: **The Folowing building components were identified at the 15328 Myrtle Avenue residence to contain greater than 1.0 mg/cm² of lead.**

- **Exterior House - walls A wood jambs, casings and threshold, wall C wood window components, wood siding, soffits and fascia (assumed to be under aluminum and asphalt siding)**
- **Interior 1 SW Entry - wood walls and ceiling**
- **Interior Basement - wall D wood door casings, wall A wood window casings**
- **Interior 2 Kitchen - plaster wall A (in closet)**

Hazardous Materials Survey:

- **A3E observed two thermostats and numerous light fixtures/ceiling fans with standard light bulbs were observed throughout the residence. A3E did observe a gas meter, carbon monoxide detector, electric meter, breaker box, water heater, telephone box and two HVAC units (please see figures for locations). These materials should be removed or recycled properly prior to demolition.**

6.0 SIGNATURE OF ENVIRONMENTAL PROFESSIONALS

These surveys were performed as described in the authorized Agreement between Metropolitan Water Reclamation District of Greater Chicago (MWRD) and A3E dated February 12, 2025 and documents the sampling methodology used by qualified environmental professionals of A3E to obtain, identify, and summarize information pertaining to ACMs located at the Vacant Residential House located at 15328 Myrtle Avenue Harvey, Cook, Illinois 60426 (the facility or building).

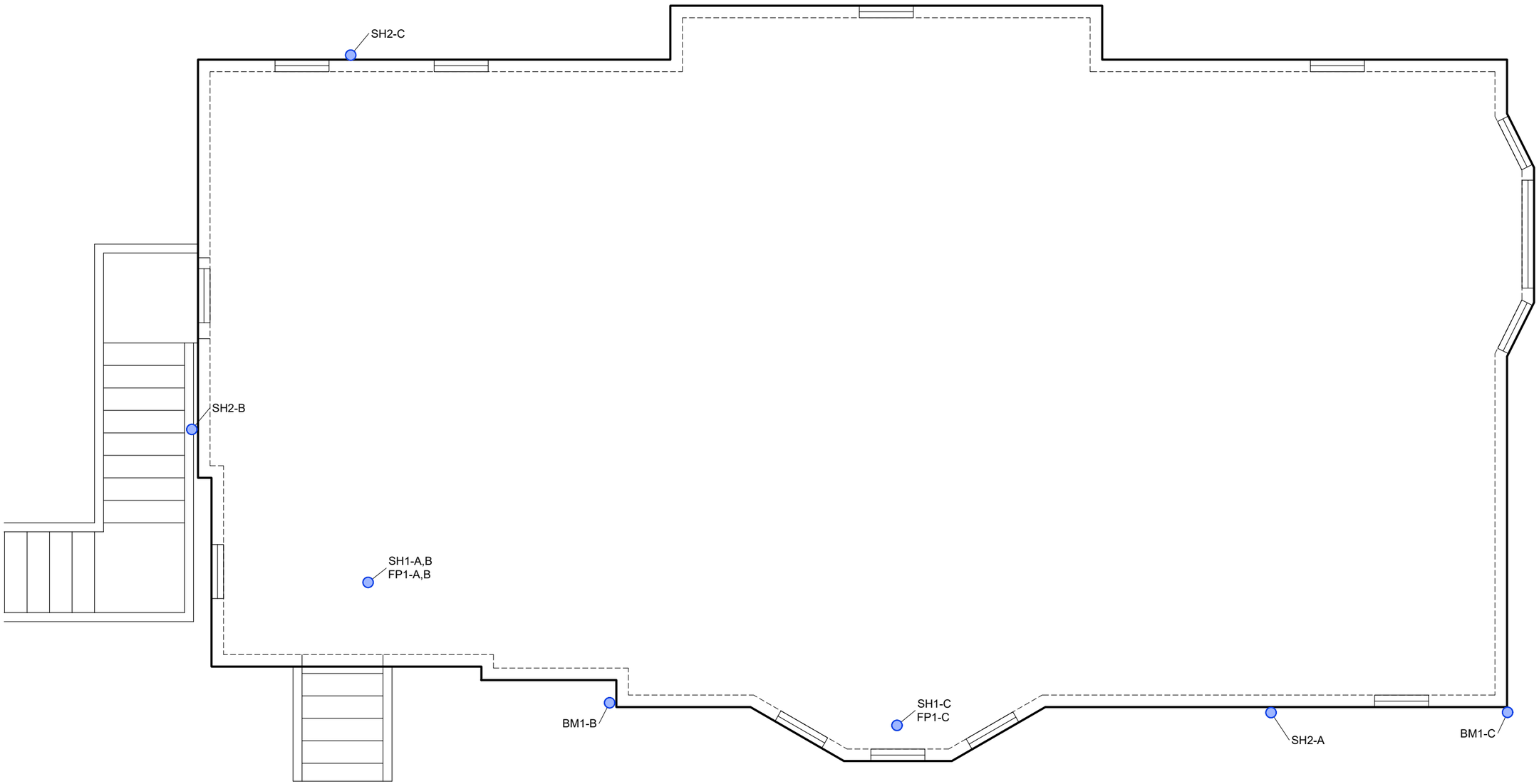
Report Prepared By:



Patrick W. Hook PG

A3 Environmental, LLC
T: (888) 405-1742
F: (630) 507-9003
Info@A3E.com

Lead Consultant, EPA AHERA Certified Asbestos Building Inspector, Project Manager, IDPH #100-10967



Exterior Plan

SCALE: 1"=4'-0"

A3E CONSULTANTS

Legend

Sample Location

REV #	DESCRIPTION	DATE

SITE:
15328 Myrtle Avenue
Harvey, IL 60426

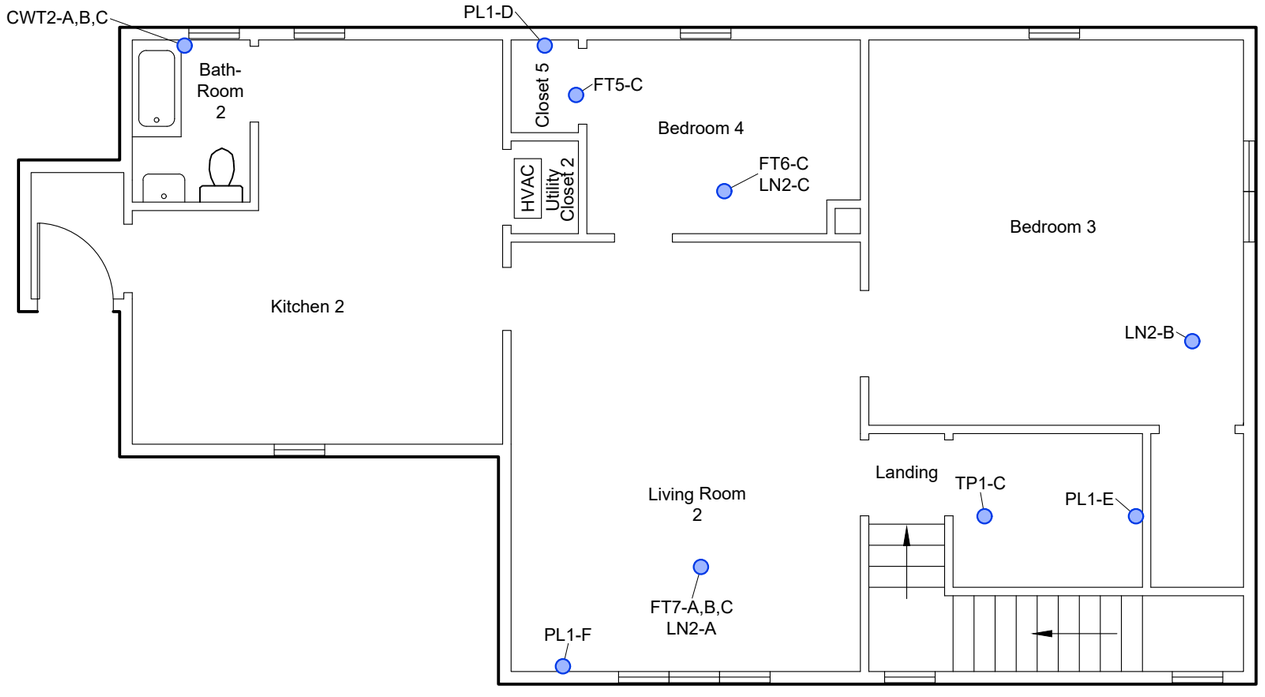
PROJECT NUMBER: 2025.0320

DATE: 06.05.2025

SCALE: 1" = 4'-0"

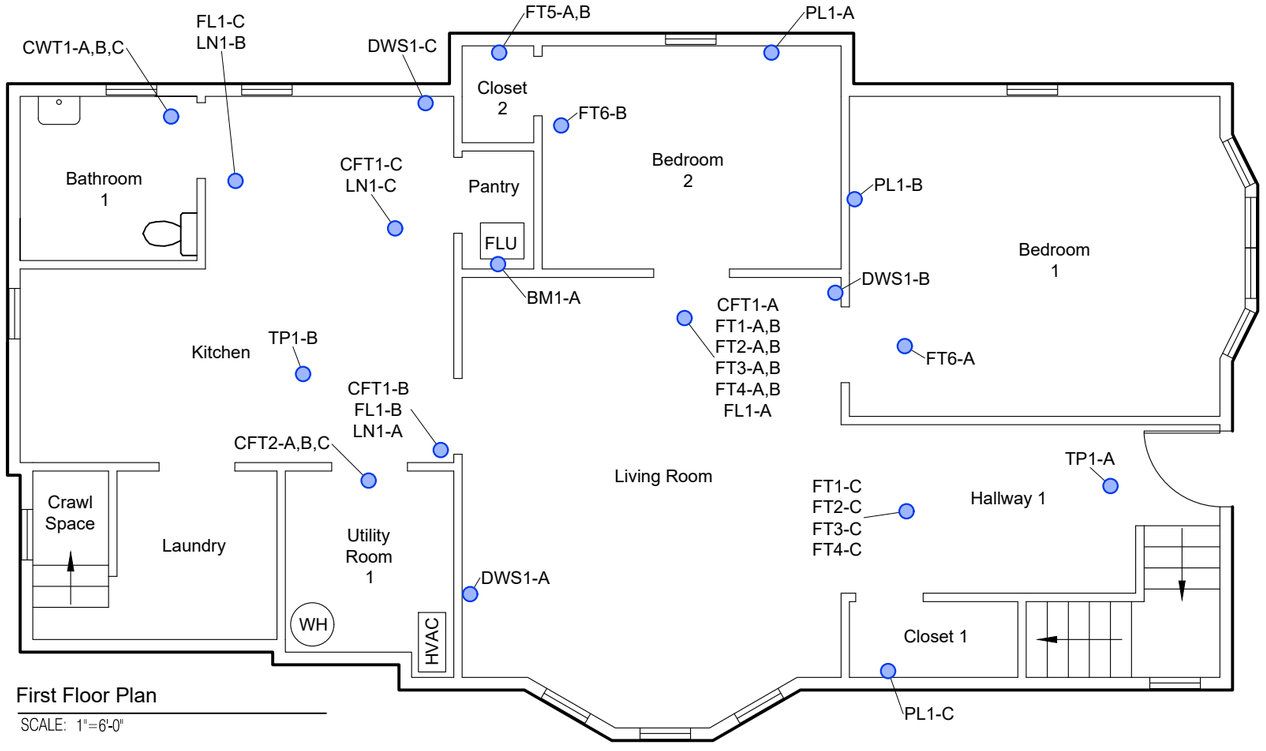
DWG:
ASBESTOS SAMPLE LOCATION MAP

PAGE:
1



Second Floor Plan

SCALE: 1"=6'-0"



First Floor Plan

SCALE: 1"=6'-0"

A3E CONSULTANTS

Legend

Sample Location

REV #	DESCRIPTION	DATE

SITE:
15328 Myrtle Avenue
Harvey, IL 60426

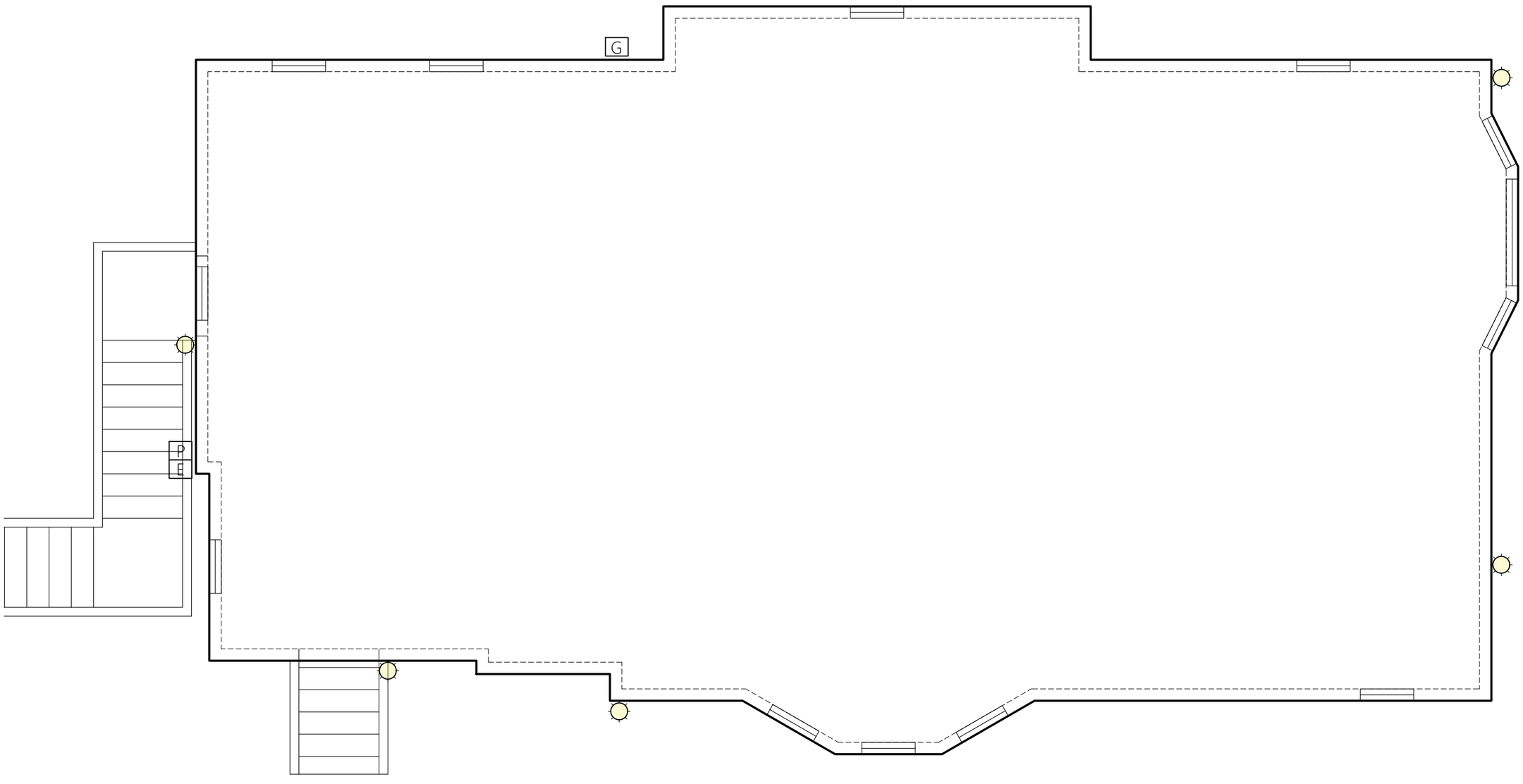
PROJECT NUMBER: 2025.0320

DATE: 06.05.2025

SCALE: 1" = 6'-0"

DWG:
ASBESTOS SAMPLE LOCATION MAP

PAGE:
2



Exterior Plan

SCALE: 1"=4'-0"

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Legend

- Light
- G Gas Meter
- E Electric Meter
- P Phone Box

REV #	DESCRIPTION	DATE

SITE:
15328 Myrtle Avenue
Harvey, IL 60426

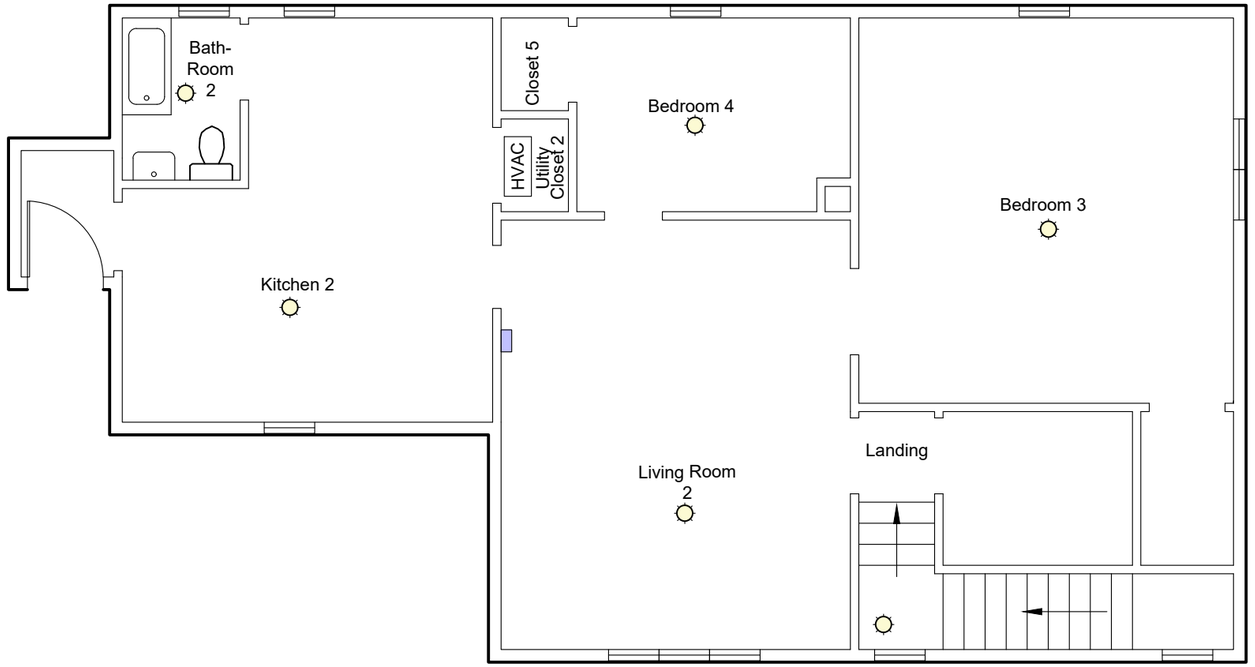
PROJECT NUMBER: 2025.0320

DATE: 06.05.2025

SCALE: 1" = 4'-0"

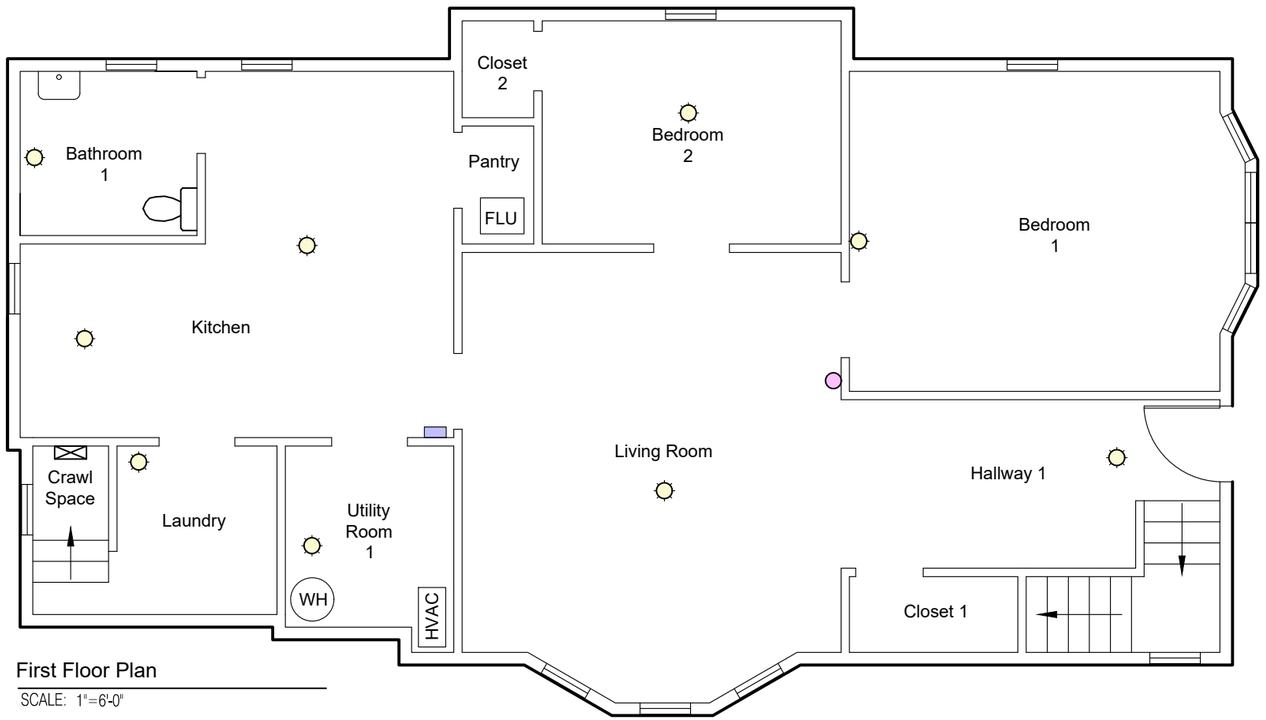
DWG: HAZARDOUS MATERIAL SURVEY

PAGE: 3



Second Floor Plan

SCALE: 1"=6'-0"



First Floor Plan

SCALE: 1"=6'-0"

A3E CONSULTANTS

Legend

- Light
- Carbon Monoxide Detector
- Thermostat
- WH Water Heater
- Breaker Box

REV #	DESCRIPTION	DATE

SITE:
15328 Myrtle Avenue
Harvey, IL 60426

PROJECT NUMBER: 2025.0320

DATE: 06.05.2025

SCALE: 1" = 6'-0"

DWG: HAZARDOUS MATERIAL SURVEY

PAGE: 4

IDPH
ILLINOIS DEPARTMENT OF PUBLIC HEALTH

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

IDPH

ASBESTOS PROFESSIONAL LICENSE

ID NUMBER	ISSUED	EXPIRES
100 - 10967	3/10/2025	05/15/2026

PATRICK W HOOK
2025 WOODLANE DR
LINDENHURST, IL 60046
Environmental Health



Back of License

ENDORSEMENTS	TC EXPIRES
INSPECTOR	1/10/2026
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

TEM ENVIRONMENTAL, INC.
ENVIRONMENTAL SCIENTISTS | INDUSTRIAL HYGIENISTS

LABORATORY REPORT
BULK SAMPLE ASBESTOS EVALUATION BY POLARIZED LIGHT MICROSCOPY METHOD

Client:	A3 Environmental			**Project Location:**	15328 Myrtle Ave.
Contact	Patrick Hook			**Project Reference:**	2025.0320
Address:	3030 Warrenville Rd., Suite 418			**TEM Project:**	76525
	Lisle	IL	60532-	**Analyzed by:**	Lori Boersma
				Date Analyzed:	5/21/2025

Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID / Description	Lab ID	Color		Type	Percent	Type	Percent	Filler / Binder	Comments
PL1-A Plaster - Base Coat	570970	Gray	None Detected	-	-	Cellulose:	5-10	90-95	
PL1-B Plaster - Base Coat	570971	Gray	None Detected	-	-	- Hair	- Trace	90-100	
PL1-C Plaster - Base Coat	570972	Gray	None Detected	-	-	- Hair	- Trace	90-100	
PL1-D Plaster - Base Coat	570973	Gray	None Detected	-	-	-	-	90-100	
PL1-E Plaster - Base Coat	570974	Gray	None Detected	-	-	- Hair	- 1-2	98-99	
PL1-F Plaster - Base Coat	570975	Gray	None Detected	-	-	-	-	90-100	
PL1-A* Plaster - Skim Coat	570976	White	None Detected	-	-	-	-	90-100	
PL1-B* Plaster - Skim Coat	570977	White	None Detected	-	-	Cellulose:	2-3	97-98	

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LABORATORY REPORT
BULK SAMPLE ASBESTOS EVALUATION BY POLARIZED LIGHT MICROSCOPY METHOD

Client:	A3 Environmental	**Project Location:**	15328 Myrtle Ave.
Contact	Patrick Hook	**Project Reference:**	2025.0320
Address:	3030 Warrenville Rd., Suite 418	**TEM Project:**	76525
	Lisle IL 60532-	**Analyzed by:**	Lori Boersma
		Date Analyzed:	5/21/2025

Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID Description	Lab ID	Color		Type	Percent	Type	Percent	Filler Binder	Comments
PL1-C* Plaster - Skim Coat	570978	White	None Detected	-	-	Cellulose:	2-3	97-98	
PL1-D* Plaster - Skim Coat	570979	White	None Detected	-	-	Cellulose:	2-3	97-98	
PL1-E* Plaster - Skim Coat	570980	White	None Detected	-	-	Cellulose: Hair	1-2 Trace	98-99	
PL1-F* Plaster - Skim Coat	570981	White	None Detected	-	-	-	-	90-100	
TP1-A Textured Paint	570982	White	None Detected	-	-	-	-	90-100	
TP1-B Textured Paint	570983	White	None Detected	-	-	-	-	90-100	
TP1-C Textured Paint	570984	White	None Detected	-	-	-	-	90-100	
DWS1-A Drywall System - Drywall	570985	Brown/White	None Detected	-	-	Cellulose: Glass:	5-10 2-3	87-93	

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Client:	A3 Environmental			**Project Location:**	15328 Myrtle Ave.
Contact	Patrick Hook			**Project Reference:**	2025.0320
Address:	3030 Warrenville Rd., Suite 418			**TEM Project:**	76525
	Lisle	IL	60532-	**Analyzed by:**	Lori Boersma
				Date Analyzed:	5/21/2025

Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID Description	Lab ID	Color		Type	Percent	Type	Percent	Filler Binder	Comments
DWS1-B Drywall System - Drywall	570986	Brown/White	None Detected	-	-	Cellulose: Glass:	5-10 2-3	87-93	
DWS1-C Drywall System - Drywall	570987	Brown/White	None Detected	-	-	Cellulose: Glass:	5-10 2-3	87-93	
DWS1-A* Drywall System - Tape	570988	Blue	None Detected	-	-	- Glass:	- 80-90	10-20	
DWS1-B* Drywall System - Tape	570989	Blue	None Detected	-	-	Cellulose: Glass:	Trace 80-90	10-20	
DWS1-C* Drywall System - Tape	570990	Blue	None Detected	-	-	Cellulose: Glass:	Trace 80-90	10-20	
DWS1-A** Drywall System - oint Comp.	570991	White	None Detected	-	-	-	-	90-100	
DWS1-B** Drywall System - oint Comp.	570992	White	None Detected	-	-	-	-	90-100	
DWS1-C** Drywall System - oint Comp.	570993	White	None Detected	-	-	-	-	90-100	

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Address:	3030 Warrenville Rd., Suite 418	**TEM Project:**	76525
	Lisle IL 60532-	**Analyzed by:**	Lori Boersma
		Date Analyzed:	5/21/2025

Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID Description	Lab ID	Color		Type	Percent	Type	Percent	Filler Binder	Comments
FT1-A 12"x12" Gray Floor Tile	570994	Gray	None Detected	-	-	-	-	90-100	SLM
FT1-B 12"x12" Gray Floor Tile	570995	Gray	None Detected	-	-	-	-	90-100	SLM
FT1-C 12"x12" Gray Floor Tile	570996	Gray	None Detected	-	-	-	-	90-100	SLM
FT1-A* 12"x12" Gray FT Mastic	570997	Yellow	None Detected	-	-	Cellulose:	Trace	90-100	
FT1-B* 12"x12" Gray FT Mastic	570998	Yellow	None Detected	-	-	Cellulose:	Trace	90-100	
FT1-C* 12"x12" Gray FT Mastic	570999	Yellow	None Detected	-	-	Cellulose:	Trace	90-100	
FT2-A nknown Color Pattern FT	571000	Brwon	None Detected	-	-	-	-	90-100	SLM
FT2-B nknown Color Pattern FT	571001	Brwon	None Detected	-	-	-	-	90-100	SLM

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	Lisle	IL	60532-	**Analyzed by:**	Lori Boersma
				Date Analyzed:	5/21/2025

Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID Description	Lab ID	Color		Type	Percent	Type	Percent	Filler Binder	Comments
FT2-C nknown Color Pattern FT	571002	Brwon	None Detected	-	-	-	-	90-100	SLM
FT2-A* FT Mastic	571003	Clear	None Detected	-	-	Cellulose:	Trace	90-100	
FT2-B* FT Mastic	571004	Clear/Black	None Detected	-	-	Cellulose:	3-5	95-97	
FT2-C* FT Mastic	571005	Clear/Black	None Detected	-	-	Cellulose:	3-5	95-97	
FT3-A nknown Color Pattern FT	571006	Brown	None Detected	-	-	-	-	90-100	SLM
FT3-B nknown Color Pattern FT	571007	Brown	None Detected	-	-	-	-	90-100	SLM
FT3-C nknown Color Pattern FT	571008	Brown	None Detected	-	-	-	-	90-100	SLM
FT3-A* FT Mastic	571009	Clear	None Detected	-	-	Cellulose:	2-3	97-98	

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				Date Analyzed:	5/21/2025

Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID / Description	Lab ID	Color		Type	Percent	Type	Percent	Filler / Binder	Comments
FT3-B* FT Mastic	571010	Clear	None Detected	-	-	Cellulose:	3-5	95-97	
FT3-C* FT Mastic	571011	Clear	None Detected	-	-	Cellulose:	2-3	97-98	
FT4-A Thin Wood Pattern FT	571012	Brown	None Detected	-	-	-	-	90-100	SLM
FT4-B Thin Wood Pattern FT	571013	Brown	None Detected	-	-	-	-	90-100	SLM
FT4-C Thin Wood Pattern FT	571014	Brown	None Detected	-	-	-	-	90-100	SLM
FT4-A* Wood Pattern FT Mastic	571015	Black	None Detected	-	-	Cellulose:	2-3	97-98	
FT4-B* Wood Pattern FT Mastic	571016	Black	None Detected	-	-	Cellulose:	2-3	97-98	
FT4-C* Wood Pattern FT Mastic	571017	Black	None Detected	-	-	Cellulose:	2-3	97-98	

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	Lisle IL 60532-	**Analyzed by:**	Lori Boersma
		Date Analyzed:	5/21/2025

Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID Description	Lab ID	Color		Type	Percent	Type	Percent	Filler Binder	Comments
FT5-A 9"x9" Wood Parquet FT	571018	Brown	None Detected	-	-	-	-	90-100	SLM
FT5-B 9"x9" Wood Parquet FT	571019	Brown	None Detected	-	-	-	-	90-100	SLM
FT5-C 9"x9" Wood Parquet FT	571020	Brown	None Detected	-	-	-	-	90-100	SLM
FT5-A* Wood Parquet FT Mastic	571021	Clear/Black	None Detected	-	-	Cellulose:	2-3	97-98	
FT5-B* Wood Parquet FT Mastic	571022	Clear/Black	None Detected	-	-	Cellulose:	3-5	95-97	
FT5-C* Wood Parquet FT Mastic	571023	Clear/Black	None Detected	-	-	Cellulose:	5-10	90-95	
FT6-A 12"x12" Gray Mottle FT	571024	Gray	None Detected	-	-	-	-	90-100	SLM
FT6-B 12"x12" Gray Mottle FT	571025	Gray	None Detected	-	-	-	-	90-100	SLM

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Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID Description	Lab ID	Color		Type	Percent	Type	Percent	Filler Binder	Comments
FT6-C 12"x12" Gray Mottle FT	571026	Gray	None Detected	-	-	-	-	90-100	SLM
FT6-A* Gray Mottle FT Mastic	571027	Brown/Black	None Detected	-	-	Cellulose:	1-2	98-99	
FT6-B* Gray Mottle FT Mastic	571028	Brown/Black	None Detected	-	-	Cellulose:	1-2	98-99	
FT6-C* Gray Mottle FT Mastic	571029	Yellow	None Detected	-	-	-	-	90-100	
FT7-A 12"x12" Black Floor Tile	571030	Black	None Detected	-	-	-	-	90-100	SLM
FT7-B 12"x12" Black Floor Tile	571031	Black	None Detected	-	-	-	-	90-100	SLM
FT7-C 12"x12" Black Floor Tile	571032	Black	None Detected	-	-	-	-	90-100	SLM
FT7-A* Black FT Mastic	571033	Yellow	None Detected	-	-	Cellulose:	1-2	98-99	

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Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID Description	Lab ID	Color		Type	Percent	Type	Percent	Filler Binder	Comments
FT7-B* Black FT Mastic	571034	Yellow	None Detected	-	-	Cellulose:	1-2	98-99	
FT7-C* Black FT Mastic	571035	Yellow	None Detected	-	-	Cellulose:	2-3	97-98	
FL1-A Gray Floor Leveler Panel	571036	Gray	None Detected	-	-	-	-	90-100	
FL1-B Gray Floor Leveler Panel	571037	Gray	None Detected	-	-	-	-	90-100	
FL1-C Gray Floor Leveler Panel	571038	Gray	None Detected	-	-	-	-	90-100	
LN1-A Black/White Square Linoleum	571039	Black/White	None Detected	-	-	-	-	90-100	SLM
LN1-B Black/White Square Linoleum	571040	Black/White	None Detected	-	-	-	-	90-100	SLM
LN1-C Black/White Square Linoleum	571041	Black/White	None Detected	-	-	-	-	90-100	SLM

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Contact	Patrick Hook	**Project Reference:**	2025.0320
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	Lisle IL 60532-	**Analyzed by:**	Lori Boersma
		Date Analyzed:	5/21/2025

Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID Description	Lab ID	Color		Type	Percent	Type	Percent	Filler Binder	Comments
LN1-A* Linoleum Adhesive	571042	Brown	None Detected	-	-	-	-	90-100	
LN1-B* Linoleum Adhesive	571043	Brown	None Detected	-	-	Cellulose:	Trace	90-100	
LN1-C* Linoleum Adhesive	571044	Brown	None Detected	-	-	-	-	90-100	
LN2-A Wood Square Pattern Linoleum	571045	Brown	None Detected	-	-	-	-	90-100	
LN2-B Wood Square Pattern Linoleum	571046	Brown	None Detected	-	-	-	-	90-100	
LN2-C Wood Square Pattern Linoleum	571047	Brown	None Detected	-	-	-	-	90-100	
LN2-A* Linoleum Adhesive	571048	Clear/Brown	None Detected	-	-	-	-	90-100	
LN2-B* Linoleum Adhesive	571049	Clear/Brown	None Detected	-	-	Cellulose:	Trace	90-100	

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	Lisle	IL	60532-	**Analyzed by:**	Lori Boersma
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Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID Description	Lab ID	Color		Type	Percent	Type	Percent	Filler Binder	Comments
LN2-C* Linoleum Adhesive	571050	Clear/Brown	None Detected	-	-	Cellulose:	3-5	95-97	
SH1-A Black Shingle (Roof)	571051	Green/Black	None Detected	-	-	- Glass:	- 50-60	40-50	
SH1-B Black Shingle (Roof)	571052	Green/Black	None Detected	-	-	- Glass:	- 50-60	40-50	
SH1-C Black Shingle (Roof)	571053	Green/Black	None Detected	-	-	- Glass:	- 50-60	40-50	
FP1-A Felt/Tar Paper under SH1	571054	Black	None Detected	-	-	Cellulose:	80-90	10-20	
FP1-B Felt/Tar Paper under SH1	571055	Black	None Detected	-	-	Cellulose:	80-90	10-20	
FP1-C Felt/Tar Paper under SH1	571056	Black	None Detected	-	-	Cellulose:	80-90	10-20	
SH2-A Gray/White Shingle Siding	571057	Gray/White	None Detected	-	-	Cellulose:	85-95	5-15	

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	Lisle IL 60532-	**Analyzed by:**	Lori Boersma
		Date Analyzed:	5/21/2025

Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID Description	Lab ID	Color		Type	Percent	Type	Percent	Filler Binder	Comments
SH2-B Gray/White Shingle Siding	571058	Gray/White	None Detected	-	-	Cellulose:	85-95	5-15	
SH2-C Gray/White Shingle Siding	571059	Gray/White	None Detected	-	-	Cellulose:	85-95	5-15	
BM1-A Brick - Exterior	571060	Red	None Detected	-	-	-	-	90-100	
BM1-B Brick - Exterior	571061	Brown	None Detected	-	-	-	-	90-100	
BM1-C Brick - Exterior	571062	Red	None Detected	-	-	-	-	90-100	
BM1-A* Mortar - Exterior	571063	Gray	None Detected	-	-	-	-	90-100	
BM1-B* Mortar - Exterior	571064	Gray	None Detected	-	-	-	-	90-100	
BM1-C* Mortar - Exterior	571065	Gray	None Detected	-	-	-	-	90-100	

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Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID / Description	Lab ID	Color		Type	Percent	Type	Percent	Filler / Binder	Comments
CFT1-A Tan/White Ceramic Floor Tile	571066	Tan/White	None Detected	-	-	-	-	90-100	
CFT1-B Tan/White Ceramic Floor Tile	571067	Tan/White	None Detected	-	-	-	-	90-100	
CFT1-C Tan/White Ceramic Floor Tile	571068	Tan/White	None Detected	-	-	-	-	90-100	
CFT1-A* Tan/White Ceramic FT Adhesive	571069	White	None Detected	-	-	-	-	90-100	
CFT1-B* Tan/White Ceramic FT Adhesive	571070	White	None Detected	-	-	Cellulose:	Trace	90-100	
CFT1-C* Tan/White Ceramic FT Adhesive	571071	White	None Detected	-	-	-	-	90-100	
CFT2-A 9"x9" Tan Ceramic Floor Tile	571072	Tan	None Detected	-	-	-	-	90-100	
CFT2-B 9"x9" Tan Ceramic Floor Tile	571073	Tan	None Detected	-	-	-	-	90-100	

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Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID Description	Lab ID	Color		Type	Percent	Type	Percent	Filler Binder	Comments
CFT2-C 9"x9" Tan Ceramic Floor Tile	571074	Tan	None Detected	-	-	-	-	90-100	
CFT2-A* Tan Ceramic FT Adhesive	571075	Gray	None Detected	-	-	-	-	90-100	
CFT2-B* Tan Ceramic FT Adhesive	571076	Gray	None Detected	-	-	-	-	90-100	
CFT2-C* Tan Ceramic FT Adhesive	571077	Gray	None Detected	-	-	-	-	90-100	
CWT1-A Gray Ceramic Wall Tile	571078	Gray	None Detected	-	-	-	-	90-100	
CWT1-B Gray Ceramic Wall Tile	571079	Gray	None Detected	-	-	-	-	90-100	
CWT1-C Gray Ceramic Wall Tile	571080	Gray	None Detected	-	-	-	-	90-100	
CWT1-A* Gray Ceramic WT Adhesive	571081	White	None Detected	-	-	Cellulose:	Trace	90-100	

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	Lisle IL 60532-	**Analyzed by:**	Lori Boersma
		Date Analyzed:	5/21/2025

Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID Description	Lab ID	Color		Type	Percent	Type	Percent	Filler Binder	Comments
CWT1-B* Gray Ceramic WT Adhesive	571082	White	None Detected	-	-	-	-	90-100	
CWT1-C* Gray Ceramic WT Adhesive	571083	White	None Detected	-	-	-	-	90-100	
CWT2-A Off-White Ceramic Wall Tile	571084	Off-White	None Detected	-	-	-	-	90-100	
CWT2-B Off-White Ceramic Wall Tile	571085	Off-White	None Detected	-	-	-	-	90-100	
CWT2-C Off-White Ceramic Wall Tile	571086	Off-White	None Detected	-	-	-	-	90-100	
CWT2-A* Off-White Ceramic WT Adhesive	571087	Yellow	None Detected	-	-	Cellulose:	2-3	97-98	
CWT2-B* Off-White Ceramic WT Adhesive	571088	Yellow	None Detected	-	-	Cellulose:	Trace	90-100	
CWT2-C* Off-White Ceramic WT Adhesive	571089	Yellow	None Detected	-	-	-	-	90-100	

630-790-0880 INFO@TEM-INC.COM 174 N BRANDON DRIVE GLENDALE HEIGHTS, ILLINOIS 60139

TEM ENVIRONMENTAL, INC.
ENVIRONMENTAL SCIENTISTS | INDUSTRIAL HYGIENISTS

LABORATORY REPORT
BULK SAMPLE ASBESTOS EVALUATION BY POLARIZED LIGHT MICROSCOPY METHOD

Client:	A3 Environmental			**Project Location:**	15328 Myrtle Ave.
Contact	Patrick Hook			**Project Reference:**	2025.0320
Address:	3030 Warrenville Rd., Suite 418			**TEM Project:**	76525
	Lisle	IL	60532-	**Analyzed by:**	Lori Boersma
				Date Analyzed:	5/21/2025

Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID	Lab ID	Color						Filler	Comments
Description				Type	Percent	Type	Percent	Binder	

Samples are analyzed following the procedures contained in the USEPA Method 600/R-93/116 July 1993. This report applies only to samples analyzed. This report may not be reproduced except in full and with the approval of TEM Environmental, Inc. This report may not be used by the client to claim product endorsement by NVLAP or any agency of the US government. An estimate of the laboratory uncertainty is available upon request.
SLM: Certain samples may warrant additional analysis beyond the standard USEPA Polarized Light Microscopy method. 1) Further testing using the point count method is recommend for friable samples found to contain less than 10% asbestos by PLM to confirm that the samples are in fact regulated asbestos containing materials (RACM) as defined by the USEPA NESHAP Regulation. 2) The optical resolution of a polarized light microscope limits the size of fibers that are visible. In cases where very small fibers may be present, such as in samples of floor tiles, vermiculite or certain construction adhesives, the result of the PLM analysis is not conclusive when the sample is reported as "None Detected" or "Trace". Further testing using transmission electron microscopy is recommended in those cases where samples may contain very small fibers which may be smaller than the resolution limit of a polarized light microscope. All such services are available for an additional fee.

Analytical services provided are subject to the Terms and Conditions listed on our website.

Report Approved by:

630-790-0880 INFO@TEM-INC.COM 174 N BRANDON DRIVE GLENDALE HEIGHTS, ILLINOIS 60139

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630-790-0880 | INFO@TEM-INC.COM

CHAIN OF CUSTODY FORM

Client: A3E	Date: 05/09/2025
Contact: Patrick Hook	
Address: 3030 Warrenville Road	
City/State/Zip: Lisle	
Phone: 773-243-7533	Fax:
Email: Patrick@a3e.com	

TAT RUSH/WKD [ ] 24HR [ ] 48HR [ ] 72HR [ ] 4 DAYS [ ] > 5 DAYS [✔]

Project Name/No: 15328 Myrtle Ave / 2025.0320

Results Due by (Date & Time):

TEM Project #: 76525

NVLAP ID 101130 AIHA-PAT ID 101151 AIHA-AAR ID 101151

Comments: Please Analyze Mastics & Adhesives

PO/Quote#:

Client ID No.	Description	Sample Volume	PLM: Bulk	PLM: Point Count	PLM: Gravimetric	TEM: Air-AHERA	TEM: Air-Other	TEM: Bulk	TEM: Chatfield	TEM: Water	TEM: Micro-Vac	TEM: PCM-Air	TEM: Other	Comments
PL1-A,B,C,D,E,F	Plaster (Base and Skim Coat)		✔											
TP1-A,B,C	Textured Paint (Kitchen Ceiling, 1st Floor Hallway, Staircase)		✔											
DWS1-A,B,C	Drywall System (Drywall, Tape, Joint Compound) 1st Floor		✔											
FT1-A,B,C	Gray 12"x12" Floor Tile & Mastic (Hallway, Living Room 1st Floor)		✔											
FT2-A,B,C	Unknown Color-Pattern Floor Tile & Mastic (1st Floor Hallway and Living Room)		✔											
FT3-A,B,C	Unknown Color-Pattern Floor Tile & Mastic (1st Floor Hallway and Living Room)		✔											
FT4-A,B,C	Thin Wood Pattern Floor Tile & Mastic		✔											
FT5-A,B,C	9"x9" Wood Parquet Floor Tile & Mastic (Bedroom 2&5 Closets)		✔											
FT6-A,B,C	12"x12" Gray Mottle Floor Tile & Mastic (Bedrooms 3&4)		✔											
FT7-A,B,C	12"x12" Black Floor Tile & Mastic (2nd Floor Living Room)		✔											
FL1-A,B,C	Grey Floor Leveler Panel (1st Floor Living Room & Kitchen)		✔											
LN1-A,B,C	Black and White Square Linoleum & Adhesive (1st Floor Kitchen)		✔											
LN2-A,B,C	Wood Square Pattern Linoleum & Adhesive (2nd Floor Living Room Under FT7)		✔											

RELINQUISHED BY (SIGNATURE): A3E	DATE/TIME 5-9-25 3:04	RECEIVED BY (SIGNATURE):	DATE/TIME 5/9/25 3:10pm
RELINQUISHED BY (SIGNATURE):	DATE/TIME	RECEIVED BY (SIGNATURE):	DATE/TIME
LOGGED IN BY (SIGNATURE):	DATE/TIME	ANALYZED BY (SIGNATURE):	DATE/TIME

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174 N BRANDON DRIVE | GLENDALE HEIGHTS, ILLINOIS 60139
630-790-0880 | INFO@TEM-INC.COM

CHAIN OF CUSTODY FORM

Client: A3E	Date: 05/09/2025
Contact: Patrick Hook	
Address: 3030 Warrenville Road	
City/State/Zip: Lisle	
Phone: 773-243-7533	Fax:
Email: Patrick@a3e.com	

TAT RUSH/WKD ☐ 24HR ☐ 48HR ☐ 72HR ☐ 4 DAYS ☐ > 5 DAYS ☑

Project Name/No: 15328 Myrtle Ave / 2025.0320

Results Due by (Date & Time):

TEM Project #: 76525

NVLAP ID 101130 AIHA-PAT ID 101151 AIHA-AAR ID 101151

Comments: Please Analyze Mastics & Adhesives

PO/Quote#:

Client ID No.	Description	Sample Volume	PLM: Bulk	PLM: Point Count	PLM: Gravimetric	TEM: Air-AHERA	TEM: Air-Other	TEM: Bulk	TEM: Chatfield	TEM: Water	TEM: Micro-Vac	TEM: PCM-Air	TEM: Other	Comments
SH1-A,B,C	Black Shingle (Roof)		✔											
FP1-A,B,C	Felt/Tar Paper (Under SH1)		✔											
SH2-A,B,C	Gray/White Shingle Siding		✔											
BM1-A,B,C	Brick and Mortar (Exterior)		✔											
CFT1-A,B,C	Tan-White 12"x12" Ceramic Floor Tile & Adhesive (1st Floor Living Room & Kitchen)		✔											
CFT2-A,B,C	Tan 9"x9" Ceramic Floor Tile & Adhesive (1st Floor Utility Room)		✔											
CWT1-A,B,C	Gray 1.5'x1.5' Ceramic Wall Tile & Adhesive (Bathroom 1)		✔											
CWT2-A,B,C	Off-White 2.5"x2.5" Ceramic Wall Tile & Adhesive (Bathroom 2)		✔											

571089 + + + +

RELINQUISHED BY (SIGNATURE): A3E	DATE/TIME 5-9-25 3:04	RECEIVED BY (SIGNATURE):	DATE/TIME 5/9/25 3:10pm
RELINQUISHED BY (SIGNATURE):	DATE/TIME	RECEIVED BY (SIGNATURE):	DATE/TIME
LOGGED IN BY (SIGNATURE):	DATE/TIME	ANALYZED BY (SIGNATURE):	DATE/TIME

2



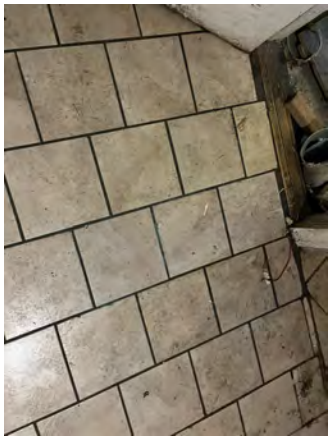
1
15328 Myrtle Avenue West Elevation



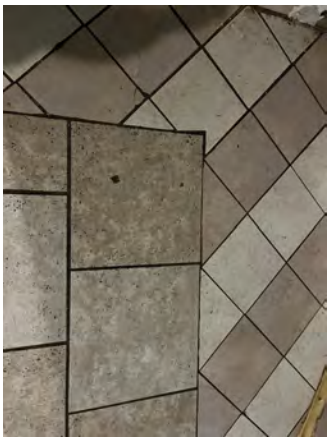
2
East Elevation



3
South Elevation with Brick & Mortar Exterior (BM1)



4
Tan & White 12"x12" Ceramic Floor Tile & Adhesive (CFT1)
1st Floor Living Room and Kitchen



5
Tan & White 12"x12" Ceramic Floor Tile & Adhesive (CFT1)
1st Floor Living Room and Kitchen



6
Gray 1.5'x1.5' Ceramic Wall Tile & Adhesive Bathroom 1 (CWT1)



7
Black & White Square Linoleum & Adhesive in 1st Floor Kitchen (LN1)



8
Tan 9"x9" Ceramic Floor Tile & Adhesive (CFT2) in 1st Floor Utility Room



9
Drywall System (DWS1) Tape, Joint Compound and Drywall in 1st Floor Kitchen



10
12"x12" Gray Floor Tile & Mastic (FT1) in Bedrooms 1 & 2



11
Textured Paint on Kitchen Ceiling, 1st Floor Hallway, Staircase (TP1)



12
Grey Floor Leveler Panel (FL1) 1st Floor Living Room & Kitchen



13
9"x9" Wood Parquet Floor Tile & Mastic Peel & Stick (FT5) Bedroom 2 & 5 Closets



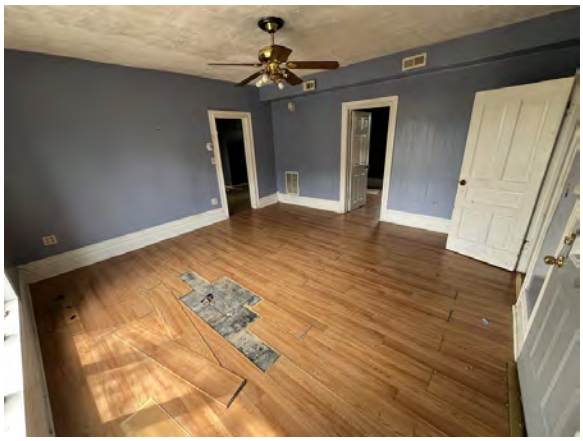
14
Unknown Color Pattern Floor Tile & Mastic (2 Layer FT2 & FT3) Followed by Thin Wood Pattern Floor Tile & Mastic (FT4) in 1st Floor Living Room and Hallway



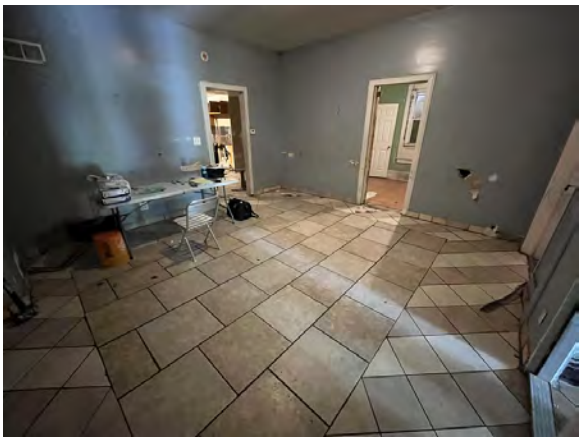
15
Textured Paint on Kitchen Ceiling, 1st Floor Hallway, Staircase (TP1)



16
Plaster (PL1)



17
Second Floor Living Room



18
1st Floor Living Room



19
12"x12" Black Floor Tile & Mastic (FT7) and Wood Square Pattern Linoleum & Adhesive (LN2) Under FT7 2nd Floor Living Room



20
2.5"x2.5" Off-White Ceramic Wall Tile & Adhesive Bathroom 2 (CWT2)



21
Gray/White Shingle Siding (SH2)



22
Black Shingles (SH1) and Felt/Tar Paper (FP1)



23
1st Floor HVAC and Water Heater



24
Pantry



25
2ND FLOOR HVAC



26
ELECTRIC PANELS



27
CARBON MONOXIDE ALARM



28
GAS METERS



29
ELECTRIC METERS, PHONE AND CABLE BOXES



30
THERMOSTAT



31
THERMOSTAT



32
EXTERIOR LIGHT FIXTURE

Lead Based Paint Inspection Report

For the Property Located at:



Upcoming Demolition Areas - House
15328 South Myrtle Avenue
Harvey, IL 60426

Prepared for:

Protecting Our Water Environment
Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

Inspected and Prepared By:

A3E, Inc.
3030 Warrenville Road, Suite 418
Lisle, IL 60532

Date Performed: May 2, 2025
Report Issued: May 14, 2025
Inspector: James W. Sundberg, IL1743

Upcoming Demolition Areas - House
15328 South Myrtle Avenue, Harvey, IL 60426

IDENTIFYING INFORMATION

A lead based paint (LBP) inspection was conducted on the potential demolition of the house at the property listed on the cover sheet. The property consisted of the following structures with general appearance and make.

One (1) Residence constructed in the 1920's. 2 Story wood house with pitched roof and crawl space. House had little original components.

A comprehensive LBP Inspection of accessible buildings and rooms was performed on this Property. The purpose of this inspection was to determine the presence or absence of Lead Based Paint (LBP), as defined by the United States Environmental Protection Agency (USEPA) and the Illinois Department of Public Health (IDPH). This inspection was conducted on May 2, 2025 by James W. Sundberg (License Number IL1743).

METHODOLOGY

Even though not applicable on this type of property, the protocol used for this inspection is based on the practices and procedures in the United States Department of Housing and Urban Development's (HUD) *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing*, 2012 Revision (HUD Guidelines) and the United States Environmental Protection Agency's (USEPA) 40 CFR Part 745 (*Lead; Identification of Dangerous Levels of Lead; Final Rule; January 5, 2001*), It should be noted that the Occupational Safety and Health Administration (OSHA) Lead in Construction Standard (29 CFR 1926.62) does not define Lead Based Paint (LBP). A modified, comprehensive inspection by building of building **WAS** performed. **Although all painted, varnished, and shellacked components on a room by room basis were tested, limited numbers of walls (about 2) per room were tested.**

The Inspection was conducted utilizing the Viken Detection (formerly Heuresis Pb200i XRF (Serial Number 2187). The XRF fieldwork was conducted in accordance with the guidelines outlined in the EPA Performance Characteristic Sheet (Attached). In addition, please note the report does not label locations as North, South, East, and West. It utilizes A, B, C, and D. For this report, Wall A corresponds to the East Wall (Street Address Side) in every room. Walls B, C, and D are labeled from Wall A in a clockwise manner. For this project, Wall A is to the East, Wall B is to the South, Wall C is to the West, and Wall D is to the North.

RESULTS

Component by component testing on a room by room basis was performed throughout the property. It was attempted to test all components that were painted, varnished, or shellacked. Some readings were above the United States Environmental Protection Agency (USEPA) and Illinois Department of Public Health (IDPH) Regulatory Level of 1.0 mg/cm². Table I, below, contains a summary of the generic components that tested POSITIVE for LBP on this property.

Since all accessible, painted components were tested, components not listed in Table I tested negative for LBP.

Beneath this Cover Letter are two reports that sort the **same** information different ways. The first is a Summary Report and the second is a Detailed Report. A Summary Report displays all readings that were at or above the USEPA and IDPH Regulatory Level of 1.0 mg/cm². The Detailed Report lists all the readings, by room, that were taken during the inspection. Positive readings are displayed in a red color, negative readings are blue in color, and calibration readings are black.

TABLE I
GENERIC COMPONENTS POSITIVE FOR LBP

ROOM	COMPONENT
Exterior House	Walls A Wood Jambs, Casings, and Threshold
	Wall C Wood Window Components
	Wood Siding, Soffits, and Fascia (Assumed to be under Aluminum and Asphalt)
Interior 1 SW Entry	Wood Walls and Ceiling
Interior Basement	Wall D Wood Door Casings
	Wall A Wood Window Casings
Interior 2 Kitchen	Plaster Wall A (In Closet)

All Components in some form of deteriorated condition.

APPLICABLE REGULATIONS

WORKER PROTECTION (OSHA)

The United States Occupational Safety and Health Administration (OSHA) considers lead in paint to be any detectable level of lead concentration to be a concern during renovation and demolition activities, as indicated in the OSHA Lead in Construction Standard (29 CFR 1926.62). The purpose of the OSHA Lead in Construction Standard is to protect construction workers from exposure to lead dust and fumes. OSHA is primarily concerned with activities that disturb paints with "detectable" amounts of lead. Several painted surfaces at the property were determined to contain lead above the OSHA level of concern.

The most effective way to determine if lead dust will be a health concern during renovation is to conduct a Negative Initial Determination (NID) to determine if the amount of generated lead dust would exceed the Permissible Exposure Limit (PEL) for lead dust or fumes. In general, an NID is a measurement of a known, airborne contaminant (e.g., lead) over period of eight hours. If the amount of airborne lead in the area is less than the PEL (as calculated by a qualified laboratory) than workers would be allowed to perform the work without Respirators and Personal Protective Equipment (PPE).

1) the NID information is given to the contractor and s/he agrees to it;
2) the contractor does not deviate from the process that was measured during the NID; and
3) The NID has been performed within the previous 12 months.

RECOMMENDATIONS

In summary, multiple building components were identified as coated with LBP at this property. Most of the LBP was in some form of deteriorated condition and some of the LBP was significantly damaged as noted in Table 1.

It is recommended that the findings of this LBP inspection report be provided to the demolition contractor with direction to perform the demolition work in a manner that complies with the OSHA Lead Standard for worker protection. The demolition work should also be performed in accordance with all other applicable lead related regulations.

SUPPORT INFORMATION

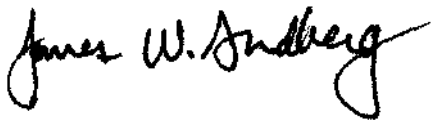
Enclosed in this document, besides inspection reports, are copies of the Lead Paint Risk Assessor's (Inspector) Illinois Department of Public Health (IDPH) License, and the XRF Performance Characteristic Sheets (PCS).

The undersigned has performed the Client-requested tasks listed above in a thorough and professional manner consistent with commonly accepted standard industry practices using state of the art practices and best available known technology as of the day of the assessment. We cannot guarantee and do not warrant that the LBP Testing has identified all adverse environmental factors and/or conditions affecting the subject property on the date of the Assessment. We cannot and will not warrant that that assessment testing that was requested by the client will satisfy the dictates of, or provide a legal defense in connection with, any environmental laws or regulations. It is the responsibility of the client to know and abide by all applicable laws, regulations, and standards.

This inspection is solely for the benefit of the client. The results and opinions in this report, based solely upon the conditions found on the property as of the date of the Assessment, will be valid only as of the date of the Assessment. We assume no obligation to advise the client of any changes in any real or potential Lead hazards at this property that may or may not be later brought to our attention.

Thanks again for the opportunity to serve you with this project. Should questions or comments arise, please do not hesitate in contacting me at (630) 514-4108.

Sincerely,



James W. Sundberg
Lead Risk Assessor/Inspector (IL1743)

Upcoming Demolition Areas - House
15328 South Myrtle Avenue, Harvey, IL 60426

LBP SUMMARY REPORT

Summary Lead Based Paint Inspection

Inspection Date:	5/2/2025 - 5/2/2025	Inspection Site:	Vacant House 15328 Myrtle Avenue Harvey, IL 60426
Action Level:	1.0 (mg/cm²)		
Total Readings:	21		
Unit Started:	05/02/2025 09:47:58		
Unit Ended:	05/02/2025 11:02:42		

Read #	Result	RTA Present	Room	-->RoomChoice	Structure	-->Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
1 (CAL)		Off	Calibration								1.0 mg/cm²	Action Level (1.0)
2 (CAL)		Off	Calibration								1.0 mg/cm²	Action Level (1.0)
3 (CAL)		Off	Calibration								1.0 mg/cm²	Action Level (1.0)
4 (CAL)		Off	Calibration								0.0 mg/cm²	Action Level (1.0)
5 (CAL)		Off	Calibration								0.0 mg/cm²	Action Level (1.0)
6 (CAL)		Off	Calibration								0.0 mg/cm²	Action Level (1.0)
10	Positive	Off	Exterior	House	Door	Jamb	Wood	A	Left	Deteriorated	1.1 mg/cm²	Action Level (1.0)
28	Positive	Off	Exterior	House	Window	Sash	Wood	B	Right	Deteriorated	1.0 mg/cm²	Action Level (1.0)
43	Positive	Off	Interior	1 SW Entry	Wall		Wood	A	LC	Deteriorated	16.8 mg/cm²	Action Level (1.0)
44	Positive	Off	Interior	1 SW Entry	Wall		Wood	D	Left	Deteriorated	15.4 mg/cm²	Action Level (1.0)
45	Positive	Off	Interior	1 SW Entry	Wall		Wood	C	UL	Deteriorated	15.8 mg/cm²	Action Level (1.0)
46	Positive	Off	Interior	1 SW Entry	Ceiling		Wood	C		Deteriorated	14.5 mg/cm²	Action Level (1.0)

A 3 E

Summary Lead Based Paint Inspection

Inspection Date: 5/2/2025 - 5/2/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 21
Unit Started: 05/02/2025 09:47:58
Unit Ended: 05/02/2025 11:02:42

Inspection Site: Vacant House
15328 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-- >RoomChoice	Structure	-- >Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
48	Positive	Off	Interior	1 SW Entry	Door	Casing	Wood	D	UC	Deteriorated	8.6 mg/cm²	Action Level (1.0)
49	Positive	Off	Interior	1 SW Entry	Window	Casing	Wood	A	Center	Deteriorated	11.0 mg/cm²	Action Level (1.0)
110	Positive	Off	Interior	2 Kitchen	Wall		Plaster	A	LL	Deteriorated	2.1 mg/cm²	Action Level (1.0)
142 (CAL)		Off	Calibration								1.0 mg/cm²	Action Level (1.0)
143 (CAL)		Off	Calibration								1.0 mg/cm²	Action Level (1.0)
144 (CAL)		Off	Calibration								1.0 mg/cm²	Action Level (1.0)
145 (CAL)		Off	Calibration								0.0 mg/cm²	Action Level (1.0)
146 (CAL)		Off	Calibration								0.0 mg/cm²	Action Level (1.0)
147 (CAL)		Off	Calibration								0.0 mg/cm²	Action Level (1.0)

------ END OF READINGS ------

A 3 E

Upcoming Demolition Areas - House
15328 South Myrtle Avenue, Harvey, IL 60426

LBP DETAILED REPORT

Detailed Lead Based Paint Inspection

Inspection Date:	5/2/2025 - 5/2/2025	Inspection Site:	Vacant House 15328 Myrtle Avenue Harvey, IL 60426
Action Level:	1.0 (mg/cm²)		
Total Readings:	147		
Unit Started:	05/02/2025 09:47:58		
Unit Ended:	05/02/2025 11:02:42		

Read #	Result	RTA Present	Room	-->RoomChoice	Structure	-->Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
1 (CAL)		Off	Calibration								1.0 mg/cm²	Action Level (1.0)
2 (CAL)		Off	Calibration								1.0 mg/cm²	Action Level (1.0)
3 (CAL)		Off	Calibration								1.0 mg/cm²	Action Level (1.0)
4 (CAL)		Off	Calibration								0.0 mg/cm²	Action Level (1.0)
5 (CAL)		Off	Calibration								0.0 mg/cm²	Action Level (1.0)
6 (CAL)		Off	Calibration								0.0 mg/cm²	Action Level (1.0)
7	Negative	Off	Exterior	House	Awning		Metal	A	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
8	Negative	Off	Exterior	House	Screen	Door	Metal	A	Left	Deteriorated	0.1 mg/cm²	Action Level (1.0)
9	Negative	Off	Exterior	House	Door	Panel	Metal	A	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
10	Positive	Off	Exterior	House	Door	Jamb	Wood	A	Left	Deteriorated	1.1 mg/cm²	Action Level (1.0)
11	Negative	Off	Exterior	House	Stair	Stringer	Wood	C	Center	Deteriorated	0.1 mg/cm²	Action Level (1.0)
12	Negative	Off	Exterior	House	Stair	Tread	Wood	C	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)

Detailed Lead Based Paint Inspection

Inspection Date: 5/2/2025 - 5/2/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 147
Unit Started: 05/02/2025 09:47:58
Unit Ended: 05/02/2025 11:02:42

Inspection Site: Vacant House
15328 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-->RoomChoice	Structure	-->Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
13	Negative	Off	Exterior	House	Stair	Railing	Wood	C	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
14	Negative	Off	Exterior	House	Door	Jamb	Wood	C	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
15	Negative	Off	Exterior	House	Support	Column	Wood	C	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
16	Negative	Off	Interior	1 Foyer	Door	Panel	Metal	A	Center	Deteriorated	0.1 mg/cm²	Action Level (1.0)
17	Negative	Off	Interior	1 Foyer	Door	Jamb	Metal	A	Center	Deteriorated	0.2 mg/cm²	Action Level (1.0)
18	Negative	Off	Interior	1 Foyer	Stair	Newel Post	Wood	B	Center	Deteriorated	0.1 mg/cm²	Action Level (1.0)
19	Negative	Off	Interior	1 Foyer	Stair	Stringer	Wood	B	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
20	Negative	Off	Interior	1 Foyer	Stair	Tread	Wood	B	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
21	Negative	Off	Interior	1 Foyer	Stair	Riser	Wood	B	Center	Deteriorated	0.2 mg/cm²	Action Level (1.0)
22	Negative	Off	Interior	1 Foyer	Stair	Railing	Wood	B	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
23	Negative	Off	Interior	1 Foyer	Wall		Wood	B	LL	Deteriorated	0.1 mg/cm²	Action Level (1.0)
24	Negative	Off	Interior	1 Foyer	Window	Sill	Wood	B	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)

Detailed Lead Based Paint Inspection

Inspection Date: 5/2/2025 - 5/2/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 147
Unit Started: 05/02/2025 09:47:58
Unit Ended: 05/02/2025 11:02:42

Inspection Site: Vacant House
15328 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-- >RoomChoice	Structure	-- >Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
25	Negative	Off	Interior	1 Foyer	Window	Sash	Wood	B	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
26	Negative	Off	Interior	1 Foyer	Window	Casing	Wood	B	Left	Deteriorated	0.1 mg/cm²	Action Level (1.0)
27	Negative	Off	Interior	1 Foyer	Baseboard		Wood	B	Right	Deteriorated	0.0 mg/cm²	Action Level (1.0)
28	Positive	Off	Exterior	House	Window	Sash	Wood	B	Right	Deteriorated	1.0 mg/cm²	Action Level (1.0)
29	Negative	Off	Interior	1 Foyer	Door	Panel	Wood	B	Right	Deteriorated	0.0 mg/cm²	Action Level (1.0)
30	Negative	Off	Interior	1 Foyer	Door	Jamb	Wood	B	Right	Deteriorated	0.0 mg/cm²	Action Level (1.0)
31	Negative	Off	Interior	1 Foyer	Floor		Wood	B		Deteriorated	0.0 mg/cm²	Action Level (1.0)
32	Negative	Off	Interior	1 Foyer	Wall		Plaster	B	LL	Deteriorated	0.3 mg/cm²	Action Level (1.0)
33	Negative	Off	Interior	1 Foyer	Wall		Plaster	D	LL	Deteriorated	0.2 mg/cm²	Action Level (1.0)
34	Negative	Off	Interior	1 Foyer	Ceiling		Plaster	D		Deteriorated	0.2 mg/cm²	Action Level (1.0)
35	Negative	Off	Interior	1 Dining Room	Ceiling		Drywall	C		Deteriorated	0.1 mg/cm²	Action Level (1.0)
36	Negative	Off	Interior	1 Dining Room	Wall		Drywall	C	UC	Deteriorated	0.0 mg/cm²	Action Level (1.0)

Detailed Lead Based Paint Inspection

Inspection Date: 5/2/2025 - 5/2/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 147
Unit Started: 05/02/2025 09:47:58
Unit Ended: 05/02/2025 11:02:42

Inspection Site: Vacant House
15328 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-- >RoomChoice	Structure	-- >Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
37	Negative	Off	Interior	1 Dining Room	Wall		Drywall	A	LL	Deteriorated	0.0 mg/cm²	Action Level (1.0)
38	Negative	Off	Interior	1 Dining Room	Door	Panel	Metal	A	Right	Deteriorated	0.1 mg/cm²	Action Level (1.0)
39	Negative	Off	Interior	1 Dining Room	Door	Panel	Wood	D	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
40	Negative	Off	Interior	1 Dining Room	Door	Casing	Wood	D	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
41	Negative	Off	Interior	1 SW Entry	Door	Panel	Wood	B	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
42	Negative	Off	Interior	1 SW Entry	Wall		Drywall	B	LL	Deteriorated	0.1 mg/cm²	Action Level (1.0)
43	Positive	Off	Interior	1 SW Entry	Wall		Wood	A	LC	Deteriorated	16.8 mg/cm²	Action Level (1.0)
44	Positive	Off	Interior	1 SW Entry	Wall		Wood	D	Left	Deteriorated	15.4 mg/cm²	Action Level (1.0)
45	Positive	Off	Interior	1 SW Entry	Wall		Wood	C	UL	Deteriorated	15.8 mg/cm²	Action Level (1.0)
46	Positive	Off	Interior	1 SW Entry	Ceiling		Wood	C		Deteriorated	14.5 mg/cm²	Action Level (1.0)
47	Negative	Off	Interior	1 SW Entry	Cabinet		Wood	C	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
48	Positive	Off	Interior	1 SW Entry	Door	Casing	Wood	D	UC	Deteriorated	8.6 mg/cm²	Action Level (1.0)

Detailed Lead Based Paint Inspection

Inspection Date: 5/2/2025 - 5/2/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 147
Unit Started: 05/02/2025 09:47:58
Unit Ended: 05/02/2025 11:02:42

Inspection Site: Vacant House
15328 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-->RoomChoice	Structure	-->Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
49	Positive	Off	Interior	1 SW Entry	Window	Casing	Wood	A	Center	Deteriorated	11.0 mg/cm²	Action Level (1.0)
50	Negative	Off	Interior	1 SW Entry	Door	Panel	Metal	D	Right	Deteriorated	0.2 mg/cm²	Action Level (1.0)
51	Negative	Off	Interior	1 Kitchen	Door	Panel	Metal	B	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
52	Negative	Off	Interior	1 Kitchen	Door	Casing	Wood	B	Left	Deteriorated	0.2 mg/cm²	Action Level (1.0)
53	Negative	Off	Interior	1 Kitchen	Window	Casing	Wood	C	Center	Deteriorated	0.1 mg/cm²	Action Level (1.0)
54	Negative	Off	Interior	1 Kitchen	Window	Casing	Wood	D	Left	Deteriorated	0.1 mg/cm²	Action Level (1.0)
55	Negative	Off	Interior	1 Kitchen	Baseboard		Wood	D	Left	Deteriorated	0.1 mg/cm²	Action Level (1.0)
56	Negative	Off	Interior	1 Kitchen	Door	Panel	Wood	C	Right	Deteriorated	0.1 mg/cm²	Action Level (1.0)
57	Negative	Off	Interior	1 Kitchen	Ceiling		Drywall	B		Deteriorated	0.1 mg/cm²	Action Level (1.0)
58	Negative	Off	Interior	1 Kitchen	Wall		Drywall	C	LC	Deteriorated	0.1 mg/cm²	Action Level (1.0)
59	Negative	Off	Interior	1 Kitchen	Wall		Drywall	D	LL	Deteriorated	0.1 mg/cm²	Action Level (1.0)
60	Negative	Off	Interior	1 Kitchen	Wall		Plaster	A	LL	Deteriorated	0.4 mg/cm²	Action Level (1.0)

Detailed Lead Based Paint Inspection

Inspection Date: 5/2/2025 - 5/2/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 147
Unit Started: 05/02/2025 09:47:58
Unit Ended: 05/02/2025 11:02:42

Inspection Site: Vacant House
15328 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-- >RoomChoice	Structure	-- >Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
61	Negative	Off	Interior	1 Kitchen	Chimney		Concrete	A	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
62	Negative	Off	Interior	1 Bathroom	Ceiling		Drywall	A		Deteriorated	0.0 mg/cm²	Action Level (1.0)
63	Negative	Off	Interior	1 Bathroom	Wall		Drywall	A	UL	Deteriorated	0.0 mg/cm²	Action Level (1.0)
64	Negative	Off	Interior	1 Bathroom	Wall		Drywall	B	UC	Deteriorated	0.0 mg/cm²	Action Level (1.0)
65	Negative	Off	Interior	1 Bathroom	Door	Panel	Wood	A	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
66	Negative	Off	Interior	1 Bathroom	Door	Jamb	Wood	A	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
67	Negative	Off	Interior	1 Bathroom	Door	Casing	Wood	D	Center	Deteriorated	0.7 mg/cm²	Action Level (1.0)
68	Negative	Off	Interior	1 Bedroom	Baseboard		Wood	D	Center	Deteriorated	0.2 mg/cm²	Action Level (1.0)
69	Negative	Off	Interior	1 Bedroom	Window	Sill	Wood	D	Center	Deteriorated	0.1 mg/cm²	Action Level (1.0)
70	Negative	Off	Interior	1 Bedroom	Window	Casing	Wood	D	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
71	Negative	Off	Interior	1 Bedroom	Door	Panel	Wood	C	Right	Deteriorated	0.1 mg/cm²	Action Level (1.0)
72	Negative	Off	Interior	1 Bedroom	Door	Jamb	Wood	C	Right	Deteriorated	0.0 mg/cm²	Action Level (1.0)

Detailed Lead Based Paint Inspection

Inspection Date: 5/2/2025 - 5/2/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 147
Unit Started: 05/02/2025 09:47:58
Unit Ended: 05/02/2025 11:02:42

Inspection Site: Vacant House
15328 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-->RoomChoice	Structure	-->Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
73	Negative	Off	Interior	1 Bedroom	Wall		Plaster	C	LR	Deteriorated	0.3 mg/cm²	Action Level (1.0)
74	Negative	Off	Interior	1 Bedroom	Ceiling		Plaster	C		Deteriorated	0.2 mg/cm²	Action Level (1.0)
75	Negative	Off	Interior	1 Bedroom	Ceilng		Drywall	B		Deteriorated	0.1 mg/cm²	Action Level (1.0)
76	Negative	Off	Interior	1 Bedroom	Wall		Drywall	B	UC	Deteriorated	0.0 mg/cm²	Action Level (1.0)
77	Negative	Off	Interior	1 Bedroom	Wall		Drywall	A	LC	Deteriorated	0.0 mg/cm²	Action Level (1.0)
78	Negative	Off	Interior	1 Living Room	Ceiling		Drywall	B		Deteriorated	0.1 mg/cm²	Action Level (1.0)
79	Negative	Off	Interior	1 Living Room	Wall		Drywall	B	LL	Deteriorated	0.0 mg/cm²	Action Level (1.0)
80	Negative	Off	Interior	1 Living Room	Wall		Wood	B	LL	Deteriorated	0.2 mg/cm²	Action Level (1.0)
81	Negative	Off	Interior	1 Living Room	Wall		Wood	A	LL	Deteriorated	0.0 mg/cm²	Action Level (1.0)
82	Negative	Off	Interior	1 Living Room	Window	Sill	Wood	A	Left	Deteriorated	0.1 mg/cm²	Action Level (1.0)
83	Negative	Off	Interior	1 Living Room	Window	Casing	Wood	A	Left	Deteriorated	0.2 mg/cm²	Action Level (1.0)
84	Negative	Off	Interior	1 Living Room	Baseboard		Wood	C	Left	Deteriorated	0.2 mg/cm²	Action Level (1.0)

Detailed Lead Based Paint Inspection

Inspection Date: 5/2/2025 - 5/2/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 147
Unit Started: 05/02/2025 09:47:58
Unit Ended: 05/02/2025 11:02:42

Inspection Site: Vacant House
15328 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-->RoomChoice	Structure	-->Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
85	Negative	Off	Interior	1 Living Room	Door	Jamb	Wood	C	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
86	Negative	Off	Interior	1 Living Room	Door	Panel	Wood	C	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
87	Negative	Off	Interior	2 Living Room	Baseboard		Wood	B	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
88	Negative	Off	Interior	2 Living Room	Window	Sill	Wood	B	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
89	Negative	Off	Interior	2 Living Room	Window	Sash	Wood	B	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
90	Negative	Off	Interior	2 Living Room	Window	Casing	Wood	B	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
91	Negative	Off	Interior	2 Living Room	Baseboard		Wood	A	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
92	Negative	Off	Interior	2 Living Room	Door	Jamb	Wood	A	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
93	Negative	Off	Interior	2 Living Room	Door	Panel	Wood	A	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
94	Negative	Off	Interior	2 Living Room	Door	Panel	Metal	A	Right	Deteriorated	0.0 mg/cm²	Action Level (1.0)
95	Negative	Off	Interior	2 Living Room	Ceiling		Plaster	A		Deteriorated	0.0 mg/cm²	Action Level (1.0)
96	Negative	Off	Interior	2 Living Room	Wall		Plaster	A	UC	Deteriorated	0.0 mg/cm²	Action Level (1.0)

Detailed Lead Based Paint Inspection

Inspection Date: 5/2/2025 - 5/2/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 147
Unit Started: 05/02/2025 09:47:58
Unit Ended: 05/02/2025 11:02:42

Inspection Site: Vacant House
15328 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-->RoomChoice	Structure	-->Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
97	Negative	Off	Interior	2 Living Room	Wall		Drywall	C	LR	Deteriorated	0.1 mg/cm²	Action Level (1.0)
98	Negative	Off	Interior	2 Living Room	Wall		Wood	D	LL	Deteriorated	0.1 mg/cm²	Action Level (1.0)
99	Negative	Off	Interior	2 Living Room	Wall		Wood	B	LR	Deteriorated	0.1 mg/cm²	Action Level (1.0)
100	Negative	Off	Interior	2 Kitchen	Cabinet		Wood	B	Right	Deteriorated	0.1 mg/cm²	Action Level (1.0)
101	Negative	Off	Interior	2 Kitchen	Baseboard		Wood	B	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
102	Negative	Off	Interior	2 Kitchen	Window	Sill	Wood	B	Center	Deteriorated	0.2 mg/cm²	Action Level (1.0)
103	Negative	Off	Interior	2 Kitchen	Window	Casing	Wood	B	Center	Deteriorated	0.2 mg/cm²	Action Level (1.0)
104	Negative	Off	Interior	2 Kitchen	Baseboard		Wood	D	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
105	Negative	Off	Interior	2 Kitchen	Door	Panel	Wood	C	Right	Deteriorated	0.1 mg/cm²	Action Level (1.0)
106	Negative	Off	Interior	2 Kitchen	Door	Jamb	Wood	C	Right	Deteriorated	0.0 mg/cm²	Action Level (1.0)
107	Negative	Off	Interior	2 Kitchen	Ceiling		Wood	C		Deteriorated	0.0 mg/cm²	Action Level (1.0)
108	Negative	Off	Interior	2 Kitchen	Wall		Wood	C	UL	Deteriorated	0.0 mg/cm²	Action Level (1.0)

Detailed Lead Based Paint Inspection

Inspection Date: 5/2/2025 - 5/2/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 147
Unit Started: 05/02/2025 09:47:58
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Inspection Site: Vacant House
15328 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-- >RoomChoice	Structure	-- >Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
109	Negative	Off	Interior	2 Kitchen	Wall		Wood	D	LL	Deteriorated	0.0 mg/cm²	Action Level (1.0)
110	Positive	Off	Interior	2 Kitchen	Wall		Plaster	A	LL	Deteriorated	2.1 mg/cm²	Action Level (1.0)
111	Negative	Off	Interior	2 Kitchen	Door	Panel	Metal	C	Center	Deteriorated	0.1 mg/cm²	Action Level (1.0)
112	Negative	Off	Interior	2 Bathroom	Ceiling		Drywall	C		Deteriorated	0.0 mg/cm²	Action Level (1.0)
113	Negative	Off	Interior	2 Bathroom	Wall		Drywall	B	UC	Deteriorated	0.0 mg/cm²	Action Level (1.0)
114	Negative	Off	Interior	2 Bathroom	Wall		Drywall	A	LC	Deteriorated	0.0 mg/cm²	Action Level (1.0)
115	Negative	Off	Interior	2 Bathroom	Door	Jamb	Wood	A	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
116	Negative	Off	Interior	2 Bathroom	Door	Panel	Wood	A	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
117	Negative	Off	Interior	2 Bathroom	Window	Sill	Wood	D	Center	Deteriorated	0.2 mg/cm²	Action Level (1.0)
118	Negative	Off	Interior	2 Bathroom	Window	Casing	Wood	D	Center	Deteriorated	0.2 mg/cm²	Action Level (1.0)
119	Negative	Off	Interior	2 North Bedroom	Window	Casing	Wood	D	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
120	Negative	Off	Interior	2 North Bedroom	Window	Sill	Wood	D	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)

Detailed Lead Based Paint Inspection

Inspection Date: 5/2/2025 - 5/2/2025
Action Level: 1.0 (mg/cm²)
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Inspection Site: Vacant House
15328 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-->RoomChoice	Structure	-->Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
121	Negative	Off	Interior	2 North Bedroom	Baseboard		Wood	B	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
122	Negative	Off	Interior	2 North Bedroom	Door	Panel	Wood	B	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
123	Negative	Off	Interior	2 North Bedroom	Door	Jamb	Wood	B	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
124	Negative	Off	Interior	2 North Bedroom	Baseboard		Wood	C	Right	Deteriorated	0.0 mg/cm²	Action Level (1.0)
125	Negative	Off	Interior	2 North Bedroom	Wall		Plaster	C	LR	Deteriorated	0.1 mg/cm²	Action Level (1.0)
126	Negative	Off	Interior	2 North Bedroom	Ceiling		Plaster	C		Deteriorated	0.1 mg/cm²	Action Level (1.0)
127	Negative	Off	Interior	2 North Bedroom	Ceiling		Drywall	B		Deteriorated	0.0 mg/cm²	Action Level (1.0)
128	Negative	Off	Interior	2 North Bedroom	Wall		Drywall	B	LC	Deteriorated	0.0 mg/cm²	Action Level (1.0)
129	Negative	Off	Interior	2 North Bedroom	Wall		Drywall	D	LL	Deteriorated	0.0 mg/cm²	Action Level (1.0)
130	Negative	Off	Interior	2 North Bedroom	Wall		Wood	C	LC	Deteriorated	0.0 mg/cm²	Action Level (1.0)
131	Negative	Off	Interior	2 North Bedroom	Wall		Wood	A	LL	Deteriorated	0.4 mg/cm²	Action Level (1.0)
132	Negative	Off	Interior	2 East Bedroom	Wall		Wood	C	LL	Deteriorated	0.1 mg/cm²	Action Level (1.0)

Detailed Lead Based Paint Inspection

Inspection Date: 5/2/2025 - 5/2/2025
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Inspection Site: Vacant House
15328 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-- >RoomChoice	Structure	-- >Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
133	Negative	Off	Interior	2 East Bedroom	Wall		Wood	A	LC	Deteriorated	0.2 mg/cm²	Action Level (1.0)
134	Negative	Off	Interior	2 East Bedroom	Window	Sill	Wood	A	Center	Deteriorated	0.1 mg/cm²	Action Level (1.0)
135	Negative	Off	Interior	2 East Bedroom	Window	Casing	Wood	A	Center	Deteriorated	0.1 mg/cm²	Action Level (1.0)
136	Negative	Off	Interior	2 East Bedroom	Baseboard		Wood	B	Left	Deteriorated	0.1 mg/cm²	Action Level (1.0)
137	Negative	Off	Interior	2 East Bedroom	Door	Panel	Wood	B	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
138	Negative	Off	Interior	2 East Bedroom	Door	Casing	Wood	B	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
139	Negative	Off	Interior	2 East Bedroom	Floor		Wood	B		Deteriorated	0.1 mg/cm²	Action Level (1.0)
140	Negative	Off	Interior	2 East Bedroom	Ceiling		Plaster	B		Deteriorated	0.2 mg/cm²	Action Level (1.0)
141	Negative	Off	Interior	2 East Bedroom	Wall		Plaster	B	LL	Deteriorated	0.2 mg/cm²	Action Level (1.0)
142 (CAL)		Off	Calibration								1.0 mg/cm²	Action Level (1.0)
143 (CAL)		Off	Calibration								1.0 mg/cm²	Action Level (1.0)
144 (CAL)		Off	Calibration								1.0 mg/cm²	Action Level (1.0)

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Detailed Lead Based Paint Inspection

Inspection Date: 5/2/2025 - 5/2/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 147
Unit Started: 05/02/2025 09:47:58
Unit Ended: 05/02/2025 11:02:42

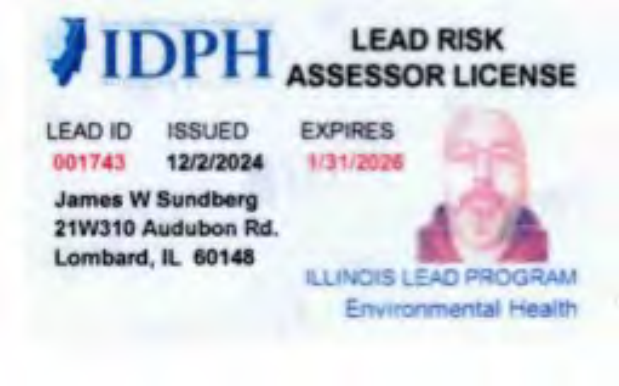
Inspection Site: Vacant House
15328 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-- >RoomChoice	Structure	-- >Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
145 (CAL)		Off	Calibration								0.0 mg/cm²	Action Level (1.0)
146 (CAL)		Off	Calibration								0.0 mg/cm²	Action Level (1.0)
147 (CAL)		Off	Calibration								0.0 mg/cm²	Action Level (1.0)

------ END OF READINGS ------

IDPH INSPECTOR/RISK ASSESSOR'S LICENSE

Upcoming Demolition Areas - House
15328 South Myrtle Avenue, Harvey, IL 60426



XRF PERFORMANCE CHARACTERISTIC SHEETS

Performance Characteristic Sheet

EFFECTIVE DATE: **December 1, 2015**

MANUFACTURER AND MODEL:

Make: ***Heuresis***
Models: ***Model Pb200i***
Source: ***^{57}Co, 5 mCi (nominal – new source)***

FIELD OPERATION GUIDANCE

OPERATING PARAMETERS:

Action Level mode

XRF CALIBRATION CHECK LIMITS:

0.8 to 1.2 mg/cm^2 (inclusive)

SUBSTRATE CORRECTION:

Not applicable

INCONCLUSIVE RANGE OR THRESHOLD:

ACTION LEVEL MODE READING DESCRIPTION	SUBSTRATE	THRESHOLD (mg/cm^2)
Results not corrected for substrate bias on any substrate	Brick Concrete Drywall Metal Plaster Wood	1.0 1.0 1.0 1.0 1.0 1.0

BACKGROUND INFORMATION

EVALUATION DATA SOURCE AND DATE:

This sheet is supplemental information to be used in conjunction with Chapter 7 of the HUD *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing* ("HUD Guidelines"). Performance parameters shown on this sheet are calculated using test results on building components in the HUD archive. Testing was conducted on 146 test samples in November 2015, with two separate instruments running software version 2.1-2 in Action Level test mode. The actual source strength of each instrument on the day of testing was approximately 2.0 mCi; source ages were approximately one year.

OPERATING PARAMETERS

Performance parameters shown in this sheet are applicable only when properly operating the instrument using the manufacturer's instructions and procedures described in Chapter 7 of the HUD Guidelines.

XRF CALIBRATION CHECK:

The calibration of the XRF instrument should be checked using the paint film nearest 1.0 mg/cm^2 in the NIST Standard Reference Material (SRM) used (e.g., for NIST SRM 2579, use the 1.02 mg/cm^2 film).

If the average (rounded to 1 decimal place) of three readings is outside the acceptable calibration check range, follow the manufacturer's instructions to bring the instrument into control before XRF testing proceeds.

SUBSTRATE CORRECTION VALUE COMPUTATION:

Chapter 7 of the HUD Guidelines provides guidance on correcting XRF results for substrate bias. Supplemental guidance for using the paint film nearest 1.0 mg/cm^2 for substrate correction is provided:

XRF results are corrected for substrate bias by subtracting from each XRF result a correction value determined separately in each house for single-family housing or in each development for multifamily housing, for each substrate. The correction value is an average of XRF readings taken over the NIST SRM paint film nearest to 1.0 mg/cm^2 at test locations that have been scraped bare of their paint covering. Compute the correction values as follows:

> Using the same XRF instrument, take three readings on a bare substrate area covered with the NIST SRM paint film nearest 1 mg/cm^2. Repeat this procedure by taking three more readings on a second bare substrate area of the same substrate covered with the NIST SRM.
>
> Compute the correction value for each substrate type where XRF readings indicate substrate correction is needed by computing the average of all six readings as shown below.
>
> <u>For each substrate type</u> (the 1.02 mg/cm^2 NIST SRM is shown in this example; use the actual lead loading of the NIST SRM used for substrate correction):
>
> Correction value = (1st + 2nd + 3rd + 4th + 5th + 6th *Reading*)/6 - 1.02 mg/cm^2
>
> Repeat this procedure for each substrate requiring substrate correction in the house or housing development.

EVALUATING THE QUALITY OF XRF TESTING:

Randomly select ten testing combinations for retesting from each house or from two randomly selected units in multifamily housing.

Conduct XRF re-testing at the ten testing combinations selected for retesting.

Determine if the XRF testing in the units or house passed or failed the test by applying the steps below. Compute the Retest Tolerance Limit by the following steps:

Determine XRF results for the original and retest XRF readings. Do not correct the original or retest results for substrate bias. In single-family and multi-family housing, a result is defined as a single reading. Therefore, there will be ten original and ten retest XRF results for each house or for the two selected units.

Calculate the average of the original XRF result and the retest XRF result for each testing combination.

Square the average for each testing combination.

Add the ten squared averages together. Call this quantity C.

Multiply the number C by 0.0072. Call this quantity D.

Add the number 0.032 to D. Call this quantity E.

Take the square root of E. Call this quantity F.

Multiply F by 1.645. The result is the Retest Tolerance Limit.

Compute the average of all ten original XRF readings.

Compute the average of all ten re-test XRF readings.

Find the absolute difference of the two averages.

If the difference is less than the Retest Tolerance Limit, the inspection has passed the retest. If the difference of the overall averages equals or exceeds the Retest Tolerance Limit, this procedure should be repeated with ten new testing combinations. If the difference of the overall averages is equal to or greater than the Retest Tolerance Limit a second time, then the inspection should be considered deficient.

Use of this procedure is estimated to produce a spurious result approximately 1% of the time. That is, results of this procedure will call for further examination when no examination is warranted in approximately 1 out of 100 dwelling units tested.

TESTING TIMES:

In the Action Level paint test mode, the instrument takes the longest time to complete readings close to the Federal standard of 1.0 mg/cm^2. The table below shows the mean and standard deviation of actual reading times by reading level for paint samples during the November 2015 archive testing. The tested instruments reported readings to one decimal place. No significant differences in reading times by substrate were observed. These times apply only to instruments with the same source strength as those tested (2.0 mCi). Instruments with stronger sources will have shorter reading times and those with weaker sources, longer reading times, than those in the table.

Mean and Standard Deviation of Reading Times in Action Level Mode by Reading Level		
Reading (mg/cm^2)	**Mean Reading Time (seconds)**	**Standard Deviation (seconds)**
< 0.7	3.48	0.47
0.7	7.29	1.92
0.8	13.95	1.78
0.9 – 1.2	15.25	0.66
1.3 – 1.4	6.08	2.50
≥ 1.5	3.32	0.05

CLASSIFICATION OF RESULTS:

XRF results are classified as **positive** if they are **greater than or equal** to the stated threshold for the instrument (1.0 mg/cm^2), and *negative* if they are *less than* the threshold.

DOCUMENTATION:

A report titled *Methodology for XRF Performance Characteristic Sheets* (EPA 747-R-95-008) provides an explanation of the statistical methodology used to construct the data in the sheets, and provides empirical results from using the recommended inconclusive ranges or thresholds for specific XRF instruments. The report may be downloaded at http://www2.epa.gov/lead/methodology-xrf-performance-characteristic-sheets-epa-747-r-95-008-september-1997.

This XRF Performance Characteristic Sheet (PCS) was developed by QuanTech, Inc., under a contract with the XRF manufacturer.

Upcoming Demolition Areas - House
15328 South Myrtle Avenue, Harvey, IL 60426

PHOTOGRAPH DOCUMENTATION OF COMPONENTS WITH LEAD BASED PAINT

Upcoming Demolition Areas - House
15328 South Myrtle Avenue, Harvey, IL 60426

	
Exterior House. Wall A Wood Door Jambs with Deteriorated Lead Based Paint (LBP).	**Exterior House. Asphalt shingles under vinyl siding.**
	
Exterior House. Wood Stair Components tested negative for LBP.	**Exterior House. Back Yard with no Garage.**
	
Exterior House. Wall B Wood Window Components with Deteriorated LBP.	**Interior SW Entry. Wood Walls, Wall A Window Casings and Wall D Door Casings with Deteriorated LBP.**

Upcoming Demolition Areas - House
15328 South Myrtle Avenue, Harvey, IL 60426

	
Interior 2 Kitchen. Plaster Wall A with Deteriorated LBP.	

Carnow, Conibear & Assoc., Ltd.
Environmental Consulting Services
600 West Van Buren St., Suite 500, Chicago, IL 60607
t: 312.782.4486 f: 312.782.5145
www.ccaltd.com

CARNOW CONIBEAR

Pre-Demolition Asbestos-Containing Material, Lead-Based Paint, and Hazardous Materials Survey Report

Site: **15332 S. Myrtle Avenue**
Harvey, IL 60426

Survey Date: **December 3, 2025**
Project No.: **A163440003**



Prepared For: Tetra Tech, Inc.

Issue Date: December, 2025
Carnow Conibear Project Number: A163440003

Carnow, Conibear & Assoc., Ltd.
Environmental Consulting Services
600 West Van Buren St., Suite 500, Chicago, IL 60607
t: 312.782.4486 f: 312.782.5145
www.ccaltd.com

CARNOW CONIBEAR

Pre-Demolition Asbestos-Containing Material, Lead-Based Paint, and Hazardous Materials Survey Report

Site: **15332 S. Myrtle Avenue**
Harvey, IL 60426

Survey Date: **December 3, 2025**
Project No.: **A163440003**

Field Work By:

Jose Escobedo
Asbestos Building Inspector

Field Work By:

Fernando Rea
Lead Risk Assessor

Report Prepared By:

Jarod Sparacio
Industrial Hygiene Technician

Report Reviewed By:

Dylan Gerhart, P.E., C.I.H., C.S.P.
Senior Project Engineer

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CARNOW CONIBEAR

1.0 EXECUTIVE SUMMARY

Carnow, Conibear & Assoc., Ltd. (Carnow Conibear) was retained by Tetra Tech, Inc. (Tetra Tech) to perform a Pre-Demolition survey for asbestos-containing materials, lead-based paint, and hazardous materials at the residential property located at 15332 S. Myrtle Avenue in Harvey, Illinois. The overall purpose of the survey was to provide required abatement information in anticipation of demolition of onsite structures.

Asbestos-Containing Materials

The asbestos survey was conducted in phases. The first phase involved a visual inspection of unoccupied rooms to identify accessible suspect asbestos-containing materials. The next phase included collecting representative samples from these accessible suspect materials, followed by laboratory analysis to determine the presence of asbestos. The samples were analyzed by an accredited laboratory.

Lead-Based Paint

The objective of the lead-based paint survey was to identify painted building components thought to be impacted to determine the existence, condition, and location of lead-based paint as defined by HUD. Lead-based paint was found to be present.

Hazardous Materials

The hazardous materials survey consisted of visually inspecting the subject site to determine the presence and location of polychlorinated-biphenyl (PCB) containing equipment and materials (lighting ballasts), and mercury-containing equipment and materials (Fluorescent Bulbs, Safety Switches, Switch Boards and Exit Signs), radioactive material-containing units (Carbon monoxide detector) and other hazardous chemical wastes, including chlorofluorocarbon (CFCs) containing units. Sampling was not part of the scope of work of the survey. Assumptions about the presence of these hazardous materials are based on historical usage.

2.0 INTRODUCTION

Carnow, Conibear & Assoc., Ltd. (Carnow Conibear) was retained by Tetra Tech to perform a Pre-Demolition survey for asbestos-containing materials, lead-based paint, and hazardous materials at the residential property located at 15332 S. Myrtle Avenue in Harvey, Illinois. The survey was conducted on December 3, 2025 by Carnow Conibear representatives Mr. Jose Escobedo and Mr. Fernando Rea. Mr. Escobedo is an Illinois Department of Public Health (IDPH) licensed Asbestos Building Inspector and lead inspector/risk assessor. See **Appendix A** for copies of the inspector's current licenses and accreditations.

2.1 Objectives

2.1.1 Asbestos-Containing Material Survey

The purpose of the asbestos survey was to identify the location of accessible asbestos-containing materials (ACM). To achieve this purpose, the following procedures were performed:

- Visual Inspection – to determine the location of suspect materials.
- Sample Collection – to determine asbestos content and material condition
- Laboratory Analysis – analysis of samples by an accredited laboratory.
- Reporting – to prepare a summary report documenting the inspection findings and providing recommendations as warranted.

2.1.2 Lead-Based Paint Survey

The objective of the lead-based paint survey was to identify painted building components through to be impacted to determine the existence, condition, and location of lead-based paint as defined by HUD. To achieve this objective, the following procedures were performed:

- Visual Inspection - to determine location of painted surfaces
- Sampling – lead-based paint sampling to determine the presence of these constituents
- Reporting – to prepare a summary report documenting the inspection findings.

2.2.3 Hazardous Materials Survey

The objective of the hazardous material survey was to determine the presence of PCB's, mercury containing equipment, radiological equipment, medical waste, and any other chemicals that could present health hazards to site workers and/or require special disposal. To achieve this objective, the following procedures were performed:

- Visual Inspection – to determine the presence, quantity, and location.
- Reporting – to prepare a summary documenting the inspection findings and providing recommendations as warranted.

The quantities provided in this report only represent the materials found on the day of the survey. Additional chemicals and equipment may have been brought onto the property after the date of the survey or consumed and/or disposed prior to the report issue date.

3.0 SITE INSPECTION

3.1 Asbestos-Containing Material Survey

3.1.1 Historical Document Review

No asbestos-related documents were provided for review to gain an understanding of previous asbestos activities.

3.1.2 Asbestos Survey Methodology

The asbestos survey was conducted in phases. The first phase of the survey included a walkthrough inspection of the subject site to identify homogeneous materials (materials which are uniform in composition throughout) and to assess material conditions. The next phase consisted of collecting representative bulk samples from the suspected asbestos-containing materials. Materials may have been assumed to contain asbestos due to inaccessibility of the room or area where the materials were located or sampling of the material would damage or compromise the integrity of the building component and may render it inoperable.

3.1.3 Suspect Asbestos-Containing Material Sample Collection

Carnow Conibear collected a total of sixty-seven (67) samples from the suspected asbestos-containing materials. All bulk samples were collected based on methods described in USEPA guidelines. The samples were collected and stored in sample bags with a unique sample identification number prior to delivery to EMSL Analytical, Inc. (EMSL) in Hillside, Illinois for analysis. A chain of custody (COC) form was signed and dated by the inspector, the delivering representative, and the laboratory representative who received the samples.

3.1.4 Asbestos Sample Analysis

The samples collected during the field activities were submitted to EMSL for laboratory analysis. EMSL is accredited for bulk asbestos fiber analysis by the National Voluntary Laboratory Accreditation Program (NVLAP) through the National Institute of Standards and Technology (NIST). EMSL utilized dispersion staining and polarized light microscopy (PLM) techniques for analyzing the samples consistent with National Institute for Occupational Safety and Health (NIOSH) methods. PLM is the EPA's recognized method for determining bulk asbestos content. See **Appendix B** for the bulk sample laboratory report and chain of custody documentation. Photographs are contained in **Appendix D**.

Tables I and II present a summary of the results of the bulk sample analysis and material locations.

Table I: Summary of Asbestos-Containing Materials Survey Results
Polarized Light Microscopy

SAMPLE ID	MATERIAL DESCRIPTION	MATERIAL LOCATION	LABORATORY RESULT (PLM)	ESTIMATED QUANTITY	FRIABLE OR NON-FRIABLE	NESHAP TYPE
JE120325-01 JE120325-02 JE120325-03	12” x 12” White Ceramic Floor Tile	Kitchen	No Asbestos Detected	NA	NA	NA
JE120325-04 JE120325-05 JE120325-06	Mortar Associated with 12” x 12” White Ceramic Floor Tile	Kitchen	No Asbestos Detected	NA	NA	NA
JE120325-07 JE120325-08 JE120325-09	12” x 12” Green Vinyl Floor Tile	Kitchen	No Asbestos Detected	NA	NA	NA
JE120325-10 JE120325-11 JE120325-12	Adhesive Associated with 12” x 12” Green Vinyl Floor Tile	Kitchen	No Asbestos Detected	NA	NA	NA
JE120325-13 JE120325-14 JE120325-15	12” x 12” Beige Ceramic Wall Tile	Kitchen	No Asbestos Detected	NA	NA	NA
JE120325-16 JE120325-17 JE120325-18	Mortar Associated with 12” x 12” Beige Ceramic Wall Tile	Kitchen	No Asbestos Detected	NA	NA	NA
JE120325-19 JE120325-20 JE120325-21	Wall Plaster	Kitchen	No Asbestos Detected	NA	NA	NA
JE120325-22 JE120325-23 JE120325-24	12” x 12” Brown Ceramic Floor Tile	Bathroom	No Asbestos Detected	NA	NA	NA
JE120325-25 JE120325-26 JE120325-27	Mortar Associated with 12” x 12” Brown Ceramic Floor Tile	Bathroom	No Asbestos Detected	NA	NA	NA
JE120325-28 JE120325-29 JE120325-30	10” x 8” Beige Ceramic Wall Tile	Bathroom	No Asbestos Detected	NA	NA	NA
JE120325-31 JE120325-32 JE120325-33	Mortar Associated with 10” x 8” Beige Ceramic Wall Tile	Bathroom	No Asbestos Detected	NA	NA	NA
JE120325-34 JE120325-35 JE120325-36	10” x 12” Gray Ceramic Floor Tile	1st Floor Front Entrance	No Asbestos Detected	NA	NA	NA
JE120325-37 JE120325-38 JE120325-39	Mortar Associated with 10” x 12” Gray Ceramic Floor Tile	1st Floor Front Entrance	No Asbestos Detected	NA	NA	NA
JE120325-40 JE120325-41 JE120325-42	Plaster Ceiling Plaster Wall Plaster Closet	2nd Floor	No Asbestos Detected	NA	NA	NA
JE120325-43 JE120325-44 JE120325-45	**Chimney Patch Cement**	**2nd Floor**	**2% Chrysotile**	**250 SF**	**NON-FRIABLE**	**CAT II**
JE120325-46 JE120325-47 JE120325-48	**Chimney Plaster**	**2nd Floor**	**3% Chrysotile**	**250 SF**	**NON-FRIABLE**	**CAT II**
JE120325-50 JE120325-51 JE120325-52	12” x 12” Ceiling Tile	2nd Floor Bedroom	No Asbestos Detected	NA	NA	NA
JE120325-53 JE120325-54 JE120325-55	Drywall	1st Floor Living Room 1st Floor Bedroom	No Asbestos Detected	NA	NA	NA

Table I: Summary of Asbestos-Containing Materials Survey Results
Polarized Light Microscopy

SAMPLE ID	MATERIAL DESCRIPTION	MATERIAL LOCATION	LABORATORY RESULT (PLM)	ESTIMATED QUANTITY	FRIABLE OR NON-FRIABLE	NESHAP TYPE
		2nd Floor Bedroom				
JE120325-56 JE120325-57 JE120325-58	Brown/Beige Floating Floor	Living Room	No Asbestos Detected	NA	NA	NA
JE120325-59 JE120325-60 JE120325-61	**White Paper Wrap on Duct**	**Basement**	**70% Chrysotile**	**50 SF**	**NON-FRIABLE**	**CAT II**
JE120325-62 JE120325-63 JE120325-64	**Transite Siding**	**Exterior of House**	**60% Chrysotile**	**5,000 SF**	**NON-FRIABLE**	**CAT I**
JE120325-65 JE120325-66 JE120325-67	Silver Paper Siding	Interior of Garage	No Asbestos Detected	NA	NA	NA
Inaccessible	**Roof and Roofing Materials**	**Roof of House and Garage**	**Assumed**	**750 SF**	**NON-FRIABLE**	**CAT I**

IDPH and EPA define an asbestos-containing material (ACM) as any material containing greater than one percent (>1%) asbestos. Locations and quantities are provided for reference only. Estimated quantities should not be used for bidding purposes. Abatement contractor must field verify estimated quantities. Materials may exist in other areas not noted. **Bold** indicates asbestos-containing material.

Category I nonfriable asbestos-containing material (ACM) means asbestos-containing packings, gaskets, resilient floor covering, and asphalt roofing products containing more than one percent asbestos as determined using the Polarized Light Microscopy method.

Category II nonfriable ACM means any material, exc1uding Category I nonfriable ACM, containing more than one percent asbestos as determined using the Polarized Light Microscopy method

Friable means when dry, a material cannot be crumbled, pulverized, or reduced to powder by hand pressure.

Table II: Summary of Asbestos-Containing Materials Survey Results
Transmission Electron Microscopy

SAMPLE ID	MATERIAL DESCRIPTION	MATERIAL LOCATION	LABORATORY RESULT (TEM)	COMMENTS
JE120325-07	12” x 12” Green Vinyl Floor Tile	Kitchen	No Asbestos Detected	

3.2 Lead-Based Paint Survey

Lead is a heavy metal that can cause health effects from human exposure. Lead is commonly found in industrial paints and coatings. However, beginning in 1978, lead use in consumer paints was restricted. In particular, the U.S. Consumer Products Safety Commission restricted the amount of lead to no more than 0.06 per cent by weight. This value is equivalent to 600 parts per million (ppm) of lead. *Lead-based paint* is defined by the US Department of Housing and Urban Development (HUD) as paint or other surface coatings that contain lead equal to or greater than 5000 parts per million (ppm), 5000 milligrams per Kilogram (mg/Kg), or 0.5 percent by weight. Surface coatings include paint, shellac, varnish, or any other coating, including wallpaper which covers painted surfaces.

3.2.1 Suspect Lead-Based Paint Sample Collection

The lead-based paint survey consisted of visually inspecting the painted survey areas to determine representative paint histories and to collect random samples utilizing an X-ray fluorescence (XRF) spectrum analyzer. The lead-based paint testing was limited to major building components and locations with damaged or peeling paint only. Sampling of suspect lead-based paint (LBP) components and/or surfaces was conducted following the U.S. Department of Housing and Urban Development (HUD) guidelines of June 1995 for single family housing, Chapter 7, Lead Based Paint Inspection, 2012 Revision, and the EPA and HUD's Performance Characteristics Sheet for the RMD LPA-1 XRF lead paint analysis system. There may be materials that were not identified, because they were located in inaccessible areas and not available at the time of inspection.

Table II identifies the lead painted components and/or surfaces as defined by HUD. See Appendix C for a complete testing log of all XRF measurements collected for this survey.

3.2.2 Lead-Based Paint Survey Methodology

Sampling of visible and accessible suspect lead-based painted components and/or surfaces was conducted following protocol similar to the U.S. Department of Housing and Urban Development (HUD) guidelines of June 1995 for single family housing, Chapter 7: Lead-Based Paint Inspection 2012 Revision. These guidelines apply to residential properties. The lead-based paint testing was limited to major building components and locations with damaged or peeling paint only. There may be materials that were not identified, because they were located in inaccessible areas and not available at the time of inspection.

The inspector categorized components in poor condition if the paint damage was greater than three square feet (3 ft^2). Components were categorized in fair condition when paint damage was less than three square feet (3 ft^2). Components in an intact condition represent no visible paint damage. Visual assessments noting the condition of suspect materials described in this report are representative of those conditions present at the time of the survey.

Table III identifies the lead painted components and/or surfaces which were included in the survey scope. See **Appendix C** for the laboratory report and chain of custody record for the paint chip samples collected for this survey.

Table III: Summary of Confirmed Lead-Based Paint Survey Results

MATERIAL LOCATION	COMPONENT	SUBSTRATE	COLOR	RESULT (mg/cm^2)
2nd Floor Bedroom	Door Jamb	Wood	Light Blue	5.5
2nd Floor Bedroom	Closet Door	Wood	Light Blue	5.7
2nd Floor Bedroom	Closet Door Jamb	Wood	Teal	6.7
2nd Floor Bedroom 2	Door Jamb	Wood	Light Blue	5.9
2nd Floor Bedroom 2	Closet Door	Wood	Light Blue	5.8
2nd Floor Bedroom 2	Closet Door Jamb	Wood	Light Blue	6.6

Table III: Summary of Confirmed Lead-Based Paint Survey Results

MATERIAL LOCATION	COMPONENT	SUBSTRATE	COLOR	RESULT (mg/cm^2)
2nd Floor Bedroom 2	**Closet Door Frame**	**Wood**	**Light Blue**	**1.0**
2nd Floor Bedroom 2	**Wall Pillar**	**Wood**	**Gray**	**5.4**
2nd Floor Hallway Closet	**Baseboard**	**Wood**	**White**	**5.9**
2nd Floor Hallway Closet	**Beam**	**Wood**	**White**	**6.3**
Stair Hallway	**Stair Tread**	**Wood**	**Black**	**6.4**
Stair Hallway	**Stair Riser**	**Wood**	**White**	**5.8**
1st Floor Bedroom Closet	**Door Jamb**	**Wood**	**White**	**4.5**
1st Floor Bedroom	**Door Jamb**	**Wood**	**White**	**7.2**
Bathroom	**Windowsill**	**Wood**	**Gray**	**9.1**
Kitchen	**Windowsill**	**Wood**	**White**	**4.4**
Kitchen	**Double Windowsill**	**Wood**	**White**	**1.9**
Front Porch	**Column**	**Wood**	**White**	**13.6**
Front Porch	**Siding**	**Wood**	**Black**	**1.1**
Exterior Porch	**Window Frame**	**Metal**	**Black**	**5.6**
Exterior Porch	**Windowsill**	**Metal**	**Black**	**12.9**
Exterior	**Back Porch Cross Beam**	**Wood**	**Brown**	**1.3**
Back Porch	**Exterior Window Frame**	**Wood**	**Brown**	**7.2**
Back Porch	**Exterior Windowsill**	**Wood**	**Brown**	**10.1**
Exterior Garage	**Door Frame**	**Wood**	**Black**	**2.5**
Exterior Garage	**Door Jamb**	**Wood**	**Black**	**1.6**
Exterior Garage	**Door**	**Wood**	**Black**	**2.6**
Exterior Garage	**Window Frame**	**Wood**	**Black**	**2.9**
Exterior Garage	**Header**	**Wood**	**Black**	**2.6**

Painted surfaces which indicate a concentration of $\geq$1.0 milligram per centimeter squared (mg/cm^2) of surface area are considered to be lead-based paint as defined by HUD. **Bold** text denotes results that contain lead equal to or greater than 1 mg/cm^2

3.3 Hazardous Materials Survey

3.3.1 Hazardous Material Survey

The survey consisted of a visual inspection to determine the location and quantity of hazardous and potentially hazardous materials that may require special disposal considerations. The entire subject property was vacant and there were no access restrictions.

3.3.2 Hazardous Material Survey Methodology

Table IV identifies the materials found in this building and approximate quantities of the materials. The hazardous material survey consisted of visually inspecting the subject property to determine the presence and location of polychlorinated-biphenyl (PCB) containing equipment and materials (lighting ballasts), and mercury-containing equipment and materials (Fluorescent Bulbs, Safety Switches, Switch Boards and Exit Signs), and other potentially hazardous chemicals found within the building. Sampling and analysis of PCBs, mercury, etc., was not part of the scope of work of the survey. Materials were classified as hazardous based on historical usage. Hazardous materials identified during the survey are summarized in **Table IV**.

Table IV: Summary of Hazardous Material Survey Results

Category	Item	Quantity	Units	Location	Comment
PCBs	Fluorescent Ballasts	2	Each	Kitchen	
Mercury	Fluorescent Bulbs	4	Each	Kitchen	
	Thermostats	1	Each	Kitchen	
Other/Universal Waste	Smoke Detector/CO Detector	4	Each	Kitchen	
	Circuit Panel/Fuse Box	3	Each	Basement	

4.0 CONCLUSIONS AND RECOMMENDATIONS

Carnow Conibear was retained by Tetra Tech to perform a survey for asbestos-containing material, lead-based paint, and hazardous materials at the residential property located at 15332 S. Myrtle Avenue in Harvey, Illinois.

Based on the survey results, Carnow Conibear offers the following conclusions and recommendations:

- Results of the asbestos-containing material survey confirm that asbestos-containing materials were identified at the subject site.
- Any newly discovered materials should be assumed to contain asbestos or must be sampled prior to any future demolition work.
- Results of the lead-based paint survey confirm that lead-based paint as defined by HUD was identified at the subject site. OSHA regulation 1926.62 Lead in Construction, must be followed if lead is disturbed during demolition activities producing airborne exposures above the Permissible Exposure Limit (PEL). The PEL is an airborne limit independent of the concentration of lead in the disturbed material.
- Incorporate the data from this report into future demolition documents regarding the presence of asbestos-containing materials, lead-based paint, and hazardous materials, as applicable.
- All future hazardous material removal and/or demolition work shall be conducted by a licensed contractor in accordance with all applicable local, state, and federal regulations.
- Prior to demolition; remove, dispose, and/or recycle all regulated universal, special and/or hazardous waste materials as identified in this report.
- Document all environmental work activities and retain records.

Carnow Conibear has applied prevailing industry standards and reasonable judgment and effort within the scope of work outlined in Carnow Conibear's proposal, while conducting the asbestos-containing material and lead-based paint survey. The standards, judgment, and effort used by Carnow Conibear personnel to investigate, assess, and determine the presence of potential environmental hazards and liabilities associated with the subject building are consistent with requirements outlined in federal and state guidelines. Carnow Conibear makes no warranty, express or implied, that the findings and interpretations in this report are a complete representation of hazards and liabilities, associated with the building. Findings presented in this report are only indicative of conditions present during the time of the investigation and cannot be used to predict potential future or previous health effects on building occupants. The services performed by Carnow Conibear on this project have been conducted in a professional manner consistent with industry standards at the time of testing. There may be materials that were not identified, because they were located in inaccessible areas and not available at the time of inspection. Carnow Conibear made every reasonable effort to locate mechanical systems and other inconspicuous materials.

The information contained in this report was prepared based upon specific test parameters requested by the Client. and regulations in force at the time of the report. The information herein is only for the specific use of the Client and Carnow Conibear. Carnow Conibear accepts no responsibility for the use, reuse, interpretation, or reliance by other parties on the information contained herein, unless written authorization has been obtained from Carnow Conibear. Carnow Conibear bears no responsibility for the implementation of recommendations included in this report unless specifically requested to do so by the Client

APPENDICES

Appendix A Current License and Certifications
Appendix B Asbestos Laboratory Report and Chain of Custody Documentation
Appendix C Lead-Based Paint Laboratory Report and Chain of Custody Documentation
Appendix D Photographic Documentation

APPENDIX A

Current Licenses and Certifications

IDPH
ILLINOIS DEPARTMENT OF PUBLIC HEALTH

525-535 West Jefferson Street · Springfield, Illinois 6

IDPH ASBESTOS PROFESSIONAL LICENSE

ID NUMBER	ISSUED	EXPIRES
100 - 06435	6/14/2025	05/15/2026

JOSE A ESCOBEDO
5715 BROADWAY ST
RICHMOND, IL 60071
Environmental Health



JOSE A ESCOBEDO
5715 BROADWAY ST
RICHMOND, IL 60071

6/14/2025

ASBESTOS PROFESSIONAL LICENSE ID NUMBER: 06435

Enclosed is your Asbestos Professional License. Please note the expiration date on the card and in the image depicted below.

COPY OF THE ASBESTOS PROFESSIONAL LICENSE

Front of License

IDPH

ASBESTOS PROFESSIONAL LICENSE

ID NUMBER	ISSUED	EXPIRES
100 - 06435	6/14/2025	05/15/2026

JOSE A ESCOBEDO
5715 BROADWAY ST
RICHMOND, IL 60071
Environmental Health



Back of License

ENDORSEMENTS	TC EXPIRES
SUPERVISOR/WORKER	1/11/2026
INSPECTOR	9/13/2025
PROJECT MANAGER	1/11/2026
AIR SAMPLING PROFESSIONAL	

Alteration of this license shall result in legal action
This license issued under authority of the State of Illinois Department of Public Health
This license is valid only when accompanied by a valid training course certificate.

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

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

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IDPH

LEAD RISK ASSESSOR LICENSE

LEAD ID	ISSUED	EXPIRES
1003874	4/9/2025	1/31/2026



Fernando J Rea
1044 W 18Th St
Chicago, IL 60608

ILLINOIS LEAD PROGRAM
Environmental Health

Alteration of this license shall result in legal action

RISK ASSESSOR CERTIFICATE EXPIRES

1/29/2028

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 found return to 525 W.Jefferson St Springfield, IL 62761

APPENDIX B

Asbestos Laboratory Report and Chain of Custody Documentation

EMSL Analytical, Inc.

4140 Litt Drive Hillside, IL 60162

Tel/Fax: (773) 313-0099 / (773) 313-0139

http://www.EMSL.com / chicagolab@emsl.com

EMSL Order:	262511553
Customer ID:	CARN81
Customer PO:	
Project ID:	

Attention:	Dylan Gerhart	**Phone:**	(312) 439-1268
	Carnow, Conibear, & Assoc. Ltd	**Fax:**	(312) 782-5145
	600 West Van Buren Street	**Received Date:**	12/04/2025 3:08 PM
	Suite 500	**Analysis Date:**	12/08/2025
	Chicago, IL 60607	**Collected Date:**	12/04/2025
Project:	Residence/A163440003		

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
JE120325-01 *262511553-0001*	12"X12" WHITE CERAMIC FLR TILE - KITCHEN	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-02 *262511553-0002*	12"X12" WHITE CERAMIC FLR TILE - KITCHEN	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-03 *262511553-0003*	12"X12" WHITE CERAMIC FLR TILE - KITCHEN	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-04 *262511553-0004*	ASSOCIATED MORTOR - KITCHEN	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-05 *262511553-0005*	ASSOCIATED MORTOR - KITCHEN	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-06 *262511553-0006*	ASSOCIATED MORTOR - KITCHEN	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-07 *262511553-0007*	12"X12" VINYL GREEN FLR TILE - KITCHEN	Green Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-08 *262511553-0008*	12"X12" VINYL GREEN FLR TILE - KITCHEN	Green Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-09 *262511553-0009*	12"X12" VINYL GREEN FLR TILE - KITCHEN	Green Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-10 *262511553-0010*	ASSOCIATED ADHESIVE - KITCHEN	Brown/Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-11 *262511553-0011*	ASSOCIATED ADHESIVE - KITCHEN	Brown/Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-12 *262511553-0012*	ASSOCIATED ADHESIVE - KITCHEN	Brown/Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-13 *262511553-0013*	12"X12" BEIGE CERAMIC WALL TILE - KITCHEN	Green Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-14 *262511553-0014*	12"X12" BEIGE CERAMIC WALL TILE - KITCHEN	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-15 *262511553-0015*	12"X12" BEIGE CERAMIC WALL TILE - KITCHEN	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-16 *262511553-0016*	ASSOCIATED MORTOR - KITCHEN	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 12/08/2025 14:46:38

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4140 Litt Drive Hillside, IL 60162
Tel/Fax: (773) 313-0099 / (773) 313-0139
http://www.EMSL.com / chicagolab@emsl.com

EMSL Order:	262511553
Customer ID:	CARN81
Customer PO:	
Project ID:	

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
JE120325-17 *262511553-0017*	ASSOCIATED MORTOR - KITCHEN	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-18 *262511553-0018*	ASSOCIATED MORTOR - KITCHEN	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-19-Skim Coat *262511553-0019*	WALL PLASTER - KITCHEN	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-19-Base Coat *262511553-0019A*	WALL PLASTER - KITCHEN	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-20 *262511553-0020*	WALL PLASTER - KITCHEN	Gray Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
JE120325-21-Skim Coat *262511553-0021*	WALL PLASTER - KITCHEN	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-21-Base Coat *262511553-0021A*	WALL PLASTER - KITCHEN	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-22 *262511553-0022*	12"X12" BROWN CERAMIC FLR TILE - BATHROOM	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-23-Ceramic Tile *262511553-0023*	12"X12" BROWN CERAMIC FLR TILE - BATHROOM	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-23-Grout *262511553-0023A*	12"X12" BROWN CERAMIC FLR TILE - BATHROOM	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-24 *262511553-0024*	12"X12" BROWN CERAMIC FLR TILE - BATHROOM	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-25 *262511553-0025*	ASSOCIATED MORTAR - BATHROOM	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-26-Mortar *262511553-0026*	ASSOCIATED MORTAR - BATHROOM	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-26-Wrap *262511553-0026A*	ASSOCIATED MORTAR - BATHROOM	White Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected
JE120325-27-Mortar *262511553-0027*	ASSOCIATED MORTAR - BATHROOM	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-27-Wrap *262511553-0027A*	ASSOCIATED MORTAR - BATHROOM	White Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected
JE120325-28 *262511553-0028*	10"X8" BEIGE CERAMIC WALL TILE - BATHROOM	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-29 *262511553-0029*	10"X8" BEIGE CERAMIC WALL TILE - BATHROOM	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 12/08/2025 14:46:38

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http://www.EMSL.com / chicagolab@emsl.com

EMSL Order:	262511553
Customer ID:	CARN81
Customer PO:	
Project ID:	

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
JE120325-30 *262511553-0030*	10"X8" BEIGE CERAMIC WALL TILE - BATHROOM	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-31 *262511553-0031*	ASSOCIATED MORTAR - BATHROOM	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-32 *262511553-0032*	ASSOCIATED MORTAR - BATHROOM	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-33 *262511553-0033*	ASSOCIATED MORTAR - BATHROOM	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-34 *262511553-0034*	10"X12" GRAY CERAMIC FLR TILE - 1ST FLR FRONT ENTRANCE	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-35 *262511553-0035*	10"X12" GRAY CERAMIC FLR TILE - 1ST FLR FRONT ENTRANCE	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-36 *262511553-0036*	10"X12" GRAY CERAMIC FLR TILE - 1ST FLR FRONT ENTRANCE	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-37 *262511553-0037*	ASSOCIATED MORTAR - 1ST FLR FRONT ENTRANCE	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-38 *262511553-0038*	ASSOCIATED MORTAR - 1ST FLR FRONT ENTRANCE	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-39 *262511553-0039*	ASSOCIATED MORTAR - 1ST FLR FRONT ENTRANCE	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-40 *262511553-0040*	PLASTER CEILING - 2ND FLR	Brown/Gray/White Non-Fibrous Homogeneous	10% Cellulose 2% Hair	88% Non-fibrous (Other)	None Detected
JE120325-41 *262511553-0041*	PLASTER WALL - 2ND FLR	Brown/Gray/White Non-Fibrous Homogeneous	10% Cellulose 2% Hair	88% Non-fibrous (Other)	None Detected
JE120325-42 *262511553-0042*	PLASTER CLOSET - 2ND FLR	Brown/Gray/White Non-Fibrous Homogeneous	10% Cellulose 2% Hair	88% Non-fibrous (Other)	None Detected
JE120325-43 *262511553-0043*	CHIMNEY PATCH CEMENT - 2ND FLR	Gray Non-Fibrous Homogeneous	3% Cellulose	95% Non-fibrous (Other)	**2% Chrysotile**
JE120325-44 *262511553-0044*	CHIMNEY PATCH CEMENT - 2ND FLR	White/Beige Non-Fibrous Homogeneous	2% Hair	98% Non-fibrous (Other)	None Detected
JE120325-45 *262511553-0045*	CHIMNEY PATCH CEMENT - 2ND FLR	Gray Non-Fibrous Homogeneous	3% Cellulose	95% Non-fibrous (Other)	**2% Chrysotile**
JE120325-46 *262511553-0046*	CHIMNEY PLASTER - 2ND FLR	White/Beige Non-Fibrous Homogeneous	2% Hair	98% Non-fibrous (Other)	None Detected
JE120325-47 *262511553-0047*	CHIMNEY PLASTER - 2ND FLR	Gray Non-Fibrous Homogeneous		97% Non-fibrous (Other)	**3% Chrysotile**

Initial report from: 12/08/2025 14:46:38

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4140 Litt Drive Hillside, IL 60162
Tel/Fax: (773) 313-0099 / (773) 313-0139
http://www.EMSL.com / chicagolab@emsl.com

EMSL Order: 262511553
Customer ID: CARN81
Customer PO:
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
JE120325-48 *262511553-0048*	CHIMNEY PLASTER - 2ND FLR	Gray Non-Fibrous Homogeneous		97% Non-fibrous (Other)	**3% Chrysotile**
JE120325-50 *262511553-0049*	12"X12" CEILING TILE - 2ND FLR BEDROOM	Brown/Blue Fibrous Homogeneous	98% Cellulose	2% Non-fibrous (Other)	None Detected
JE120325-51 *262511553-0050*	12"X12" CEILING TILE - 2ND FLR BEDROOM	Brown/Blue Fibrous Homogeneous	98% Cellulose	2% Non-fibrous (Other)	None Detected
JE120325-52 *262511553-0051*	12"X12" CEILING TILE - 2ND FLR BEDROOM	Brown/Green Fibrous Homogeneous	98% Cellulose	2% Non-fibrous (Other)	None Detected
JE120325-53-Drywall *262511553-0052*	DRYWALL - 1ST FLR LIVING ROOM	Brown/White Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
JE120325-53-Joint Compound *262511553-0052A*	DRYWALL - 1ST FLR LIVING ROOM	White/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-54-Drywall *262511553-0053*	DRYWALL - 1ST FLR BEDROOM	White Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
JE120325-54-Joint Compound *262511553-0053A*	DRYWALL - 1ST FLR BEDROOM	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-55-Drywall *262511553-0054*	DRYWALL - 2ND FLR BEDROOM	Brown/White Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
JE120325-55-Joint Compound *262511553-0054A*	DRYWALL - 2ND FLR BEDROOM	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-55-Tape *262511553-0054B*	DRYWALL - 2ND FLR BEDROOM	White Fibrous Homogeneous	98% Cellulose	2% Non-fibrous (Other)	None Detected
JE120325-56 *262511553-0055*	FLOATING FLR BROWN/BEIGE - LIVING ROOM	Brown/Beige Fibrous Homogeneous	98% Cellulose	2% Non-fibrous (Other)	None Detected
JE120325-57 *262511553-0056*	FLOATING FLR BROWN/BEIGE - LIVING ROOM	Brown/Beige Fibrous Homogeneous	98% Cellulose	2% Non-fibrous (Other)	None Detected
JE120325-58 *262511553-0057*	FLOATING FLR BROWN/BEIGE - LIVING ROOM	Brown/Beige Fibrous Homogeneous	98% Cellulose	2% Non-fibrous (Other)	None Detected
JE120325-59 *262511553-0058*	WHITE PAPER WRAP ON DUCT - BASEMENT	Gray/White Fibrous Homogeneous		30% Non-fibrous (Other)	**70% Chrysotile**
JE120325-60 *262511553-0059*	WHITE PAPER WRAP ON DUCT - BASEMENT	Gray/White Fibrous Homogeneous		30% Non-fibrous (Other)	**70% Chrysotile**
JE120325-61 *262511553-0060*	WHITE PAPER WRAP ON DUCT - BASEMENT	Gray/White Fibrous Homogeneous		30% Non-fibrous (Other)	**70% Chrysotile**
JE120325-62 *262511553-0061*	TRANSITE SIDING - EXTERIOR OF HOUSE	Gray/White Fibrous Homogeneous		40% Non-fibrous (Other)	**60% Chrysotile**

Initial report from: 12/08/2025 14:46:38

EMSL Analytical, Inc.
4140 Litt Drive Hillside, IL 60162
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http://www.EMSL.com / chicagolab@emsl.com

EMSL Order:	262511553
Customer ID:	CARN81
Customer PO:	
Project ID:	

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
JE120325-63 *262511553-0062*	TRANSITE SIDING - EXTERIOR OF HOUSE	Gray/White Non-Fibrous Homogeneous		40% Non-fibrous (Other)	**60% Chrysotile**
JE120325-64 *262511553-0063*	TRANSITE SIDING - EXTERIOR OF HOUSE	Gray/White Fibrous Homogeneous		40% Non-fibrous (Other)	**60% Chrysotile**
JE120325-65 *262511553-0064*	SILVER PAPER SIDING - INTERIOR OF GARAGE	Black/Silver Fibrous Homogeneous	70% Cellulose 10% Glass	20% Non-fibrous (Other)	None Detected
JE120325-66 *262511553-0065*	SILVER PAPER SIDING - INTERIOR OF GARAGE	Black/Silver Fibrous Homogeneous	70% Cellulose 10% Glass	20% Non-fibrous (Other)	None Detected
JE120325-67 *262511553-0066*	SILVER PAPER SIDING - INTERIOR OF GARAGE	Black/Silver Fibrous Homogeneous	70% Cellulose 10% Glass	20% Non-fibrous (Other)	None Detected

Analyst(s)

Emily Weslow (26)
Mazen Elkhatib (24)
Rachelle Cullen-Reavill (25)

James Hahn, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 “Interim Method”) but augmented with procedures outlined in the 1993 (”final”) version of the method. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc. Hillside, IL NVLAP Lab Code 200399-0

Initial report from: 12/08/2025 14:46:38

EMSL Analytical, Inc.
4140 Litt Drive Hillside, IL 60162
Tel/Fax: (773) 313-0099 / (773) 313-0139
http://www.EMSL.com / chicagolab@emsl.com

EMSL Order: 262511553
Customer ID: CARN81
Customer PO:
Project ID:

Attention: Dylan Gerhart
Carnow, Conibear, & Assoc. Ltd
600 West Van Buren Street
Suite 500
Chicago, IL 60607
Project: Residence/A163440003

Phone: (312) 439-1268
Fax: (312) 782-5145
Received Date: 12/04/2025 3:08 PM
Analysis Date: 12/08/2025 - 12/10/2025
Collected Date: 12/04/2025

Test Report: Asbestos Analysis of Non-Friable Organically Bound Materials by TEM via EPA/600/R-93/116 Section 2.5.5.1

Sample ID	Description	Appearance	% Matrix Material	% Non-Asbestos Fibers	Asbestos Types
JE120325-07 *262511553-0007*	12"X12" VINYL GREEN FLR TILE - KITCHEN	Green Fibrous Heterogeneous	100.0 Other	None	No Asbestos Detected

Analyst(s)

James Hahn (1)

James Hahn, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Hillside, IL

Initial report from: 12/08/2025 13:46:44

OrderID: 262511553

262511553

Carnow, Conibear & Assoc., Ltd.
Environmental Consulting Services
600 West Van Buren St., Suite 500, Chicago, IL 60607
T 312 782.4488 / 312 782.5145
www.ccaltd.com

CHAIN OF CUSTODY RECORD
PLM ASBESTOS

CARNOW CONIBEAR

Client: Tetra Tech
Street Address: 15332 S. Myrtle Drive
City, State, Zip: Harvey, IL
Date: 12-3-2025
Turn Around: 2 Day

Project #: A1634400003
Project Name:
Project Location: Residence
Project Manager: Dylan Gerhart
Inspector: Jose Escobedo

SAMPLE ID / NUMBER:	SAMPLE DESCRIPTION / LOCATION	
JE120325-01	12"X12" White Ceramic FLR Tile	Kitchen
02		
03		
04	Associated Mortar	
05		
06		
07	12"X12" Vinyl Green FLR Tile	
08		
09		
10	Associated Adhesive	
11		
12		
13	12"X12" Beige Ceramic Wall Tile	
14		
15		
16	Associated Mortar	
17		
18		
19	Wall Plaster	
20		
21		
22	12"X12" Brown Ceramic FLR Tile	Bathroom
23		
24		

Comments: Please email results to d.gerhart@ccaltd.com / jescobedo@ccaltd.com
Relinquished By / Date / Time: Jose Escobedo
Received By / Date / Time:
Relinquished By / Date / Time:
Received By / Date / Time: 12/4/2025 3:08 pm WI

OrderID: 262511553

11553

Carnow, Conibear & Assoc., Ltd.
Environmental Consulting Services
600 West Van Buren St., Suite 500, Chicago, IL 60607
T 312.782.4498 f. 312.782.5145
www.ccaltd.com

CHAIN OF CUSTODY RECORD
PLM ASBESTOS

CARNOW CONIBEAR

Client: Tetra Tech
Street Address: 15332 S. Myrtle Drive
City, State, Zip: Harvey, IL
Date: 12-3-2025
Turn Around: 2 Day

Project #: A163440003
Project Name:
Project Location: Residence
Project Manager: DYlan Gerhart
Inspector: Jose Escobedo

SAMPLE ID / NUMBER:	SAMPLE DESCRIPTION / LOCATION	
JE120325-25	Associated Mortar	Bathroom
26		
27		
28	12"X8" Beige Ceramic Wall Tile	
29		
30		
31	Associated Mortar	
32		
33		
34	10"X12" Grey Ceramic FLR Tile	1st FLR Front Entrance
35		
36		
37	Associated Mortar	
38		
39		
40	Plaster Ceiling	2nd FLR
41	Wall	
42	Closet	
43	Chimney Patch cement	
44		
45		
46	Chimney Plaster	
47		
48		

Comments: Please email results to dgerhart@ccaltd.com / jescobedo@ccaltd.com
Relinquished By / Date / Time: Jose Escobedo
Received By / Date / Time:
Relinquished By / Date / Time:
Received By / Date / Time: Kya B 12/4/25 3:08 pm WI

OrderID: 262511553

-1153

Carnow, Conibear & Assoc., Ltd.
Environmental Consulting Services
600 W. Van Buren St., Suite 500, Chicago, IL 60607
t: 312.782.4488 f: 312.782.5145
www.ccaltd.com

CHAIN OF CUSTODY RECORD
PLM ASBESTOS

CARNOW CONIBEAR

Client: Tetra Tech **Project #:** A163440003

Housing Site: 15332 S. Myrtle Dr **Project Name:** Residence

Building #: Harvey, IL **Date:** 12-3-2025

Turn Around: 2-Day **Inspector:** Jose Escobedo

Sample ID/Number:		Sample Description/Location	
IE120325-	50	12"x12" ceiling tile	2nd FLR Bedroom
	51		
	52		
	53	Dry Wall	1st FLR Livingroom
	54		Bedroom
	55		2nd FLR Bedroom
	56	Floating FLR Brown/Beige	Livingroom
	57		
	58		
	59	White Paper Wrap on duct	Basement
	60		
	61		
	62	Transite Siding	Exterior of House
	63		
	64		
	65	Silver Paper Siding	Interior of Garage
	66		
	67		

Comments: Email Results to: dgerhart@cca1td.com/escobedo@cca1td.com

Relinquished By/Date/Time: Jose Escobedo

Received By/Date/Time:

Relinquished By/Date/Time:

Received By/Date/Time: 12/4/25 3:08 PM WI

APPENDIX C

Lead-Based Paint Laboratory Report and Chain of Custody Documentation

Carnow, Conibear & Assoc., Ltd.
Environmental Consulting Services
800 W. Van Buren St., Suite 500, Chicago, IL 60607
t: 312.782.4486 f: 312.782.5145
www.ccltd.com

CARNOW CONIBEAR

XRF CALIBRATION CHECK TEST RESULTS

Client: Tetra Tech Date: 12/3/25

Address: 1 S Wacker Dr #3700, Chicago, IL 606606

XRF Serial #: 2239

XRF Instrument: Vilcen Detection Pb 200e

Inspector/License #: Cares Bailey 1003166

XRF Unit File #:

Calibration Check Tolerance Used: +/- 0.2 mg/cm² on 1. mg/cm² / Standard

Time Corrected Mode – Duration of Test is seconds long

CALIBRATION CHECK (Bare Wood)

Calibration Time	1st Reading	2nd Reading	3rd Reading	Average Reading	Difference From Average & 0.0 mg/cm²	Acceptable Yes/No
8:53am	0.1	0.1	0.0	0.04		Yes

CALIBRATION CHECK (Painted)

Calibration Time	1st Reading	2nd Reading	3rd Reading	Average Reading	Difference Between Average & 0.0 mg/cm²	Acceptable Yes/No
8:54am	1.0	0.9	1.1	1.0		Yes

CALIBRATION CHECK (Painted)

Calibration Time	1st Reading	2nd Reading	3rd Reading	Average Reading	Difference Between Average & 0.0 mg/cm²	Acceptable Yes/No
2:00pm	1.0	1.0	0.9	0.97		Yes

CALIBRATION CHECK ( )

Calibration Time	1st Reading	2nd Reading	3rd Reading	Average Reading	Difference Between Average & 0.0 mg/cm²	Acceptable Yes/No

Lead Based Paint XRF Data Sheet

Client: Tetra Tech | Building Address: 15332 Myrtle Avenue | City: Harvey | Inspection Date: 12/3/2025

Area Description: Apartments | State: IL | Inspector: Cares Bailey | License #: 1003166

XRF Serial #: 2295 | XRF Instrument: Viken Detection Pb200e | XRF Unit /File #: | Inspector's Signature:

XRF Test Shot #	Test Location	Component	Substrate	Color	Condition Assessment Deterioration Present?	Estimated Damage	XRF Reading mg/cm²	Classification P=Positive ≥1.0 N=Negative <1.0
60	2nd Floor Bedroom	North Wall	Drywall	Teal	Y N		0.1	P N
61	2nd Floor Bedroom	North Baseboard	Wood	Light Blue	Y N		0.0	P N
62	2nd Floor Bedroom	Door	Wood	Gray	Y N		0.2	P N
63	**2nd Floor Bedroom**	**Door Jamb**	**Wood**	**Light Blue**	**Y N**		**5.5**	**P N**
64	**2nd Floor Bedroom**	**Closet Door**	**Wood**	**Light Blue**	**Y N**		**5.7**	**P N**
65	**2nd Floor Bedroom**	**Closet Door Jamb**	**Wood**	**Teal**	**Y N**		**6.7**	**P N**
66	2nd Floor Bedroom	Closet Door Threshold	Wood	Gray	Y N		0.1	P N
67	2nd Floor Bedroom	Closet Door Frame	Wood	Teal	Y N		0.5	P N
68	2nd Floor Bedroom	Closet Floor	Wood	Gray	Y N		0.2	P N
69	2nd Floor Bedroom	Closet Wall	Wood	Gray	Y N		0.6	P N
70	2nd Floor Bedroom	Window Frame	Wood	White	Y N		0.1	P N
71	**2nd Floor Bedroom 2**	**Door Jamb**	**Wood**	**Light Blue**	**Y N**		**5.9**	**P N**
72	2nd Floor Bedroom 2	Door Frame	Wood	Light Blue	Y N		0.9	P N
73	2nd Floor Bedroom 2	North Wall	Drywall	Yellow	Y N		0.1	P N
74	2nd Floor Bedroom 2	South Wall Baseboard	Wood	Light Blue	Y N		0.1	P N
75	**2nd Floor Bedroom 2**	**Closet Door**	**Wood**	**Light Blue**	**Y N**		**5.8**	**P N**
76	**2nd Floor Bedroom 2**	**Closet Door Jamb**	**Wood**	**Light Blue**	**Y N**		**6.6**	**P N**
77	**2nd Floor Bedroom 2**	**Closet Door Frame**	**Wood**	**Light Blue**	**Y N**		**1.0**	**P N**
78	2nd Floor Bedroom 2	Closet Floor	Wood	Gray	Y N		0.1	P N
79	**2nd Floor Bedroom 2**	**Wall Pillar**	**Wood**	**Gray**	**Y N**		**5.4**	**P N**
80	2nd Floor Bedroom 2	Closet Door Threshold	Wood	Gray	Y N		1.0	P N
81	2nd Floor Bedroom 2	Closet Wall	Wood	Cream	Y N		0.1	P N
82	2nd Floor Bedroom 2	Window frame	Wood	Light Blue	Y N		0.5	P N
83	2nd Floor Bedroom 2	Windowsill	Wood	Light Blue	Y N		0.5	P N
84	2nd Floor Hallway Closet	East Wall	Plaster	White	Y N		0.2	P N
85	**2nd Floor Hallway Closet**	**Baseboard**	**Wood**	**White**	**Y N**		**5.9**	**P N**
86	2nd Floor Hallway Closet	Ceiling	Plaster	White	Y N		0.0	P N

Lead Based Paint XRF Data Sheet

Client: Tetra Tech | Building Address: 15315 Myrtle Avenue | City: Harvey | Inspection Date: 12/5/2025

Area Description: Apartments | State: IL | Inspector: Cares Bailey | License #: 1003166

XRF Serial #: 2295 | XRF Instrument: Viken Detection Pb200e | XRF Unit /File #: | Inspector's Signature:

XRF Test Shot #	Test Location	Component	Substrate	Color	Condition Assessment Deterioration Present?	Estimated Damage	XRF Reading mg/cm^2	Classification P=Positive ≥1.0 N=Negative <1.0
87	**2nd Floor Hallway Closet**	**Beam**	**Wood**	**White**			**6.3**	**P** N
88	2nd Floor Hallway	Baseboard	Wood	Light Blue			0.1	P N
89	2nd Floor Hallway	West Wall	Drywall	White			0.1	P N
90	**Stair Hallway**	**Stair Tread**	**Wood**	**Black**			**6.4**	**P** N
91	Stair Hallway	Ceiling	Drywall	Light Blue			0.1	P N
92	**Stair Hallway**	**Stair Riser**	**Wood**	**White**			**5.8**	**P** N
93	Stair Hallway	Stair Rail	Wood	White			0.1	P N
94	1st Floor Bedroom	West Wall	Drywall	Teal			0.1	P N
95	1st Floor Bedroom	South Baseboard	Wood	White			0.1	P N
96	1st Floor Bedroom Closet	Door Frame	Wood	Gray			0.3	P N
97	**1st Floor Bedroom Closet**	**Door Jamb**	**Wood**	**White**			**4.5**	**P** N
98	1st Floor Bedroom Closet	Door	Wood	Gray			0.1	P N
99	1st Floor Bedroom Closet	Beam	Wood	White			0.7	P N
100	1st Floor Bedroom Closet	Ceiling	Drywall	White			0.6	P N
101	1st Floor Bedroom Closet	Wall	Drywall	White			0.6	P N
102	**1st Floor Bedroom Closet**	**Baseboard**	**Wood**	**White**			**5.5**	**P** N
103	1st Floor Bedroom	Door Frame	Wood	Gray			0.2	P N
104	**1st Floor Bedroom**	**Door Jamb**	**Wood**	**White**			**7.2**	**P** N
105	1st Floor Bedroom	Door	Wood	Gray			0.1	P N
106	Dining Room	North Wall	Drywall	Green			0.1	P N
107	Dining Room	South Wall Baseboard	Wood	White			0.0	P N
108	Dining Room	Windowsill	Wood	White			0.1	P N
109	Dining Room	Window Frame	Wood	White			0.1	P N
110	**Bathroom**	**Windowsill**	**Wood**	**Gray**			**9.1**	**P** N
111	Bathroom	Window Frame	Wood	Gray			0.1	P N

Lead Based Paint XRF Data Sheet

Client: Tetra Tech | Building Address: 15332 Myrtle Avenue | City: Harvey | Inspection Date: 12/3/2025

Area Description: Apartments | State: IL | Inspector: Cares Bailey | License #: 1003166

XRF Serial #: 2295 | XRF Instrument: Viken Detection Pb200e | XRF Unit /File #: | Inspector's Signature:

XRF Test Shot #	Test Location	Component	Substrate	Color	Condition Assessment Deterioration Present?	Estimated Damage	XRF Reading mg/cm^2	Classification P=Positive ≥1.0 N=Negative <1.0
112	Bathroom	Door Frame	Wood	White			0.2	P N
113	Bathroom	Door	Wood	Gray			0.1	P N
114	Bathroom	North Wall	Drywall	Gray			0.2	P N
115	Kitchen	East Wall	Drywall	Blue			0.2	P N
116	Kitchen	Cabinet	Wood	Brown			0.1	P N
117	Kitchen	Door	Metal	Green			0.1	P N
118	Kitchen	Door Jamb	Wood	White			0.1	P N
119	Kitchen	Door Frame	Wood	White			0.1	P N
120	**Kitchen**	**Windowsill**	**Wood**	**White**			**4.4**	**P N**
121	Kitchen	Window frame	Wood	White			0.2	P N
122	**Kitchen**	**Double Windowsill**	**Wood**	**White**			**1.9**	**P N**
123	Dining Room	Window Frame	Wood	White			0.2	P N
124	Dining Room	Windowsill	Wood	White			0.2	P N
125	Living Room	North Wall	Drywall	Green			0.1	P N
126	Living Room	Windowsill	Wood	White			0.2	P N
127	Living Room	Window Frame	Wood	White			0.2	P N
128	**Front Porch**	**Column**	**Wood**	**White**			**13.6**	**P N**
129	**Front Porch**	**Siding**	**Wood**	**Black**			**1.1**	**P N**
130	**Exterior Porch**	**Window Frame**	**Metal**	**Black**			**5.6**	**P N**
131	**Exterior Porch**	**Windowsill**	**Metal**	**Black**			**12.9**	**P N**
132	Front	Door Jamb	Wood	White			0.0	P N
133	Front	Door Frame	Wood	White			0.1	P N
134	Basement	Door	Wood	Cream			0.0	P N
135	Basement	Door Frame	Wood	White			0.0	P N
136	Basement	Door Jamb	Wood	White			0.0	P N

Lead Based Paint XRF Data Sheet

Client: Tetra Tech Building Address: 15332 Myrtle Avenue City: Harvey Inspection Date: 12/3/2025

Area Description: Apartments State: IL Inspector: Cares Bailey License #: 1003166

XRF Serial #: 2295 XRF Instrument: Viken Detection Pb200e XRF Unit /File #: Inspector's Signature:

XRF Test Shot #	Test Location	Component	Substrate	Color	Condition Assessment Deterioration Present?	Estimated Damage	XRF Reading mg/cm^2	Classification P=Positive ≥1.0 N=Negative <1.0
137	Basement Stairs	South Wall	Drywall	White			0.0	P N
138	Basement	Pilar	Wood	Green			0.4	P N
139	Basement	Pilar	Wood	Brown			0.2	P N
140	Basement	Ceiling Beam	Wood	Brown			0.1	P N
141	Basement	Window Frame	Wood	Brown			0.1	P N
142	Basement	Windowsill	Wood	Brown			0.0	P N
143	Exterior??	Back Porch	Wood	Brown			0.1	P N
144	Exterior	Back Door Frame	Wood	White			0.1	P N
145	**Exterior**	**Back Porch Cross Beam**	**Wood**	**Brown**			**1.3**	**P N**
146	Exterior	Back Porch Cross Beam	Wood	Black			0.3	P N
147	**Back Porch**	**Exterior Window Frame**	**Wood**	**Brown**			**7.2**	**P N**
148	**Back Porch**	**Exterior Windowsill**	**Wood**	**Brown**			**10.1**	**P N**
149	**Exterior Garage**	**Door Frame**	**Wood**	**Black**			**2.5**	**P N**
150	**Exterior Garage**	**Door Jamb**	**Wood**	**Black**			**1.6**	**P N**
151	**Exterior Garage**	**Door**	**Wood**	**Black**			**2.6**	**P N**
152	Exterior Garage	Siding	Vinyl	White			0.2	P N
153	**Exterior Garage**	**Window Frame**	**Wood**	**Black**			**2.9**	**P N**
154	Garage	Siding	Wood	Gray			0.1	P N
155	**Exterior Garage**	**Header**	**Wood**	**Black**			**2.6**	**P N**

APPENDIX D

Photographic Documentation



Photo 1- Chimney (ACM) and Duct Wrap(ACM)



Photo 2 – Transite Siding(ACM) on exterior, under vinyl siding(Non-ACM)

Carnow, Conibear & Assoc., Ltd.
Environmental Consulting Services
600 West Van Buren St., Suite 500, Chicago, IL 60607
t: 312.782.4486 f: 312.782.5145
www.ccaltd.com

CARNOW CONIBEAR

Pre-Demolition Asbestos-Containing Material, Lead-Based Paint, and Hazardous Materials Survey Report

Site: **15301 S. Myrtle Avenue**
Harvey, IL 60426

Survey Date: **December 3, 2025**
Project No.: **A163440003**



Prepared For: Tetra Tech, Inc.

Issue Date: December, 2025
Carnow Conibear Project Number: A163440003

Carnow, Conibear & Assoc., Ltd.
Environmental Consulting Services
600 West Van Buren St., Suite 500, Chicago, IL 60607
t: 312.782.4486 f: 312.782.5145
www.ccaltd.com

Pre-Demolition Asbestos-Containing Material, Lead-Based Paint, and Hazardous Materials Survey Report

Site: **15301 S. Myrtle Avenue**
Harvey, IL 60426

Survey Date: **December 3, 2025**
Project No.: **A163440003**

Field Work By:

Jose Escobedo
Asbestos Building Inspector

Field Work By:

Cares Bailey

Cares Bailey
Lead Risk Assessor

Report Prepared By:

Denise Vargas

Denise Vargas
Industrial Hygiene Technician

Report Reviewed By:

Dylan Gerhart, P.E., C.I.H., C.S.P.
Senior Project Engineer

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Appendix C Lead Based Paint XRF Data Sheet
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CARNOW CONIBEAR

1.0 EXECUTIVE SUMMARY

Carnow, Conibear & Assoc., Ltd. (Carnow Conibear) was retained by Tetra Tech, Inc. (Tetra Tech) to perform a Pre-Demolition survey for asbestos-containing materials, lead-based paint, and hazardous materials at the residential property located at 15301 S. Myrtle Avenue in Harvey, Illinois. The overall purpose of the survey was to provide required abatement information in anticipation of demolition of onsite structures. The other structure on the property was unsafe and inaccessible.

Asbestos-Containing Materials

The asbestos survey was conducted in phases. The first phase involved a visual inspection of unoccupied rooms to identify accessible suspect asbestos-containing materials. The next phase included collecting representative samples from these accessible suspect materials, followed by laboratory analysis to determine the presence of asbestos. The samples were analyzed by an accredited laboratory.

Lead-Based Paint

The objective of the lead-based paint survey was to identify painted building components thought to be impacted to determine the existence, condition, and location of lead-based paint as defined by HUD.

Hazardous Materials

The hazardous materials survey consisted of visually inspecting the subject site to determine the presence and location of polychlorinated-biphenyl (PCB) containing equipment and materials (lighting ballasts), and mercury-containing equipment and materials (Fluorescent Bulbs, Safety Switches, Switch Boards and Exit Signs), radioactive material-containing units (Carbon monoxide detector) and other hazardous chemical wastes, including chlorofluorocarbon (CFCs) containing units. Sampling was not part of the scope of work of the survey. Assumptions about the presence of these hazardous materials are based on historical usage.

2.0 INTRODUCTION

Carnow, Conibear & Assoc., Ltd. (Carnow Conibear) was retained by Tetra Tech to perform a Pre-Demolition survey for asbestos-containing materials, lead-based paint, and hazardous materials at the residential property located at 15301 S. Myrtle Avenue in Harvey, Illinois. The survey was conducted on December 3, 2025, by Carnow Conibear representatives Mr. Jose Escobedo and Ms. Cares Bailey. Mr. Escobedo is an Illinois Department of Public Health (IDPH) licensed Asbestos Building Inspector and lead inspector/risk assessor. See **Appendix A** for copies of the inspector's current licenses and accreditations.

2.1 Objectives

2.1.1 Asbestos-Containing Material Survey

The purpose of the asbestos survey was to identify the location of accessible asbestos-containing materials (ACM). To achieve this purpose, the following procedures were performed:

- Visual Inspection – to determine the location of suspect materials.
- Sample Collection – to determine asbestos content and material condition
- Laboratory Analysis – analysis of samples by an accredited laboratory.
- Reporting – to prepare a summary report documenting the inspection findings and providing recommendations as warranted.

2.1.2 Lead-Based Paint Survey

The objective of the lead-based paint survey was to identify painted building components through to be impacted to determine the existence, condition, and location of lead-based paint as defined by HUD. To achieve this objective, the following procedures were performed:

- Visual Inspection - to determine location of painted surfaces
- Sampling – lead-based paint sampling to determine the presence of these constituents
- Reporting – to prepare a summary report documenting the inspection findings.

2.2.3 Hazardous Materials Survey

The objective of the hazardous material survey was to determine the presence of PCB's, mercury containing equipment, radiological equipment, medical waste, and any other chemicals that could present health hazards to site workers and/or require special disposal. To achieve this objective, the following procedures were performed:

- Visual Inspection – to determine the presence, quantity, and location.
- Reporting – to prepare a summary documenting the inspection findings and providing recommendations as warranted.

The quantities provided in this report only represent the materials found on the day of the survey. Additional chemicals and equipment may have been brought onto the property after the date of the survey or consumed and/or disposed prior to the report issue date.

3.0 SITE INSPECTION

3.1 Asbestos-Containing Material Survey

3.1.1 Historical Document Review

No asbestos-related documents were provided for review to gain an understanding of previous asbestos activities.

3.1.2 Asbestos Survey Methodology

The asbestos survey was conducted in phases. The first phase of the survey included a walkthrough inspection of the subject site to identify homogeneous materials (materials which are uniform in composition throughout) and to assess material conditions. The next phase consisted of collecting representative bulk samples from the suspected asbestos-containing materials. Materials may have been assumed to contain asbestos due to inaccessibility of the room or area where the materials were located or sampling of the material would damage or compromise the integrity of the building component and may render it inoperable.

3.1.3 Suspect Asbestos-Containing Material Sample Collection

Carnow Conibear collected a total of twenty-one (21) samples from the suspected asbestos-containing materials. All bulk samples were collected based on methods described in USEPA guidelines. The samples were collected and stored in sample bags with a unique sample identification number prior to delivery to EMSL Analytical, Inc. (EMSL) in Hillside, Illinois for analysis. A chain of custody (COC) form was signed and dated by the inspector, the delivering representative, and the laboratory representative who received the samples.

3.1.4 Asbestos Sample Analysis

The samples collected during the field activities were submitted to EMSL for laboratory analysis. EMSL is accredited for bulk asbestos fiber analysis by the National Voluntary Laboratory Accreditation Program (NVLAP) through the National Institute of Standards and Technology (NIST). EMSL utilized dispersion staining and polarized light microscopy (PLM) techniques for analyzing the samples consistent with National Institute for Occupational Safety and Health (NIOSH) methods. PLM is the EPA's recognized method for determining bulk asbestos content. See **Appendix B** for the bulk sample laboratory report and chain of custody documentation. Photographs are contained in **Appendix D**.

Tables I and II present a summary of the results of the bulk sample analysis and material locations.

Table I: Summary of Asbestos-Containing Materials Survey Results
Polarized Light Microscopy

SAMPLE ID	MATERIAL DESCRIPTION	MATERIAL LOCATION	LABORATORY RESULT (PLM)	ESTIMATED QUANTITY	FRIABLE OR NON-FRIABLE	NESHAP TYPE
JE120325-01	**Drywall Ceiling**	**2nd Floor**	**2% Chrysotile**	**1,000 SF**	**NON-FRIABLE**	**CAT II**
JE120325-02	**Drywall Ceiling**	**2nd Floor**	**2% Chrysotile**	**1,000 SF**	**NON-FRIABLE**	**CAT II**
JE120325-03	**Drywall Wall**	**1st Floor**	**2% Chrysotile**	**2,000 SF**	**NON-FRIABLE**	**CAT II**
JE120325-04	Associated Tar Paper Ceiling	2nd Floor	No Asbestos Detected	NA	NA	NA
JE120325-05	**Associated Tar Paper Ceiling**	**1st Floor**	**2% Chrysotile**	**1,000 SF**	**NON-FRIABLE**	**CAT I**
JE120325-06	Associated Tar Paper Wall	1st Floor	No Asbestos Detected	NA	NA	NA
JE120325-07 thru 09	Insulation Attic	2nd Floor	No Asbestos Detected	NA	NA	NA
JE120325-10	Plaster Ceiling	1st Floor	No Asbestos Detected	NA	NA	NA
JE120325-11 thru 12	Plaster Ceiling	2nd Floor	No Asbestos Detected	NA	NA	NA
JE120325-13 thru 15	9"x9" Beige Floor Tiles	1st Floor	No Asbestos Detected	NA	NA	NA
JE120325-16 thru 18	**Associated Mastic Black**	**1st Floor**	**5% Chrysotile**	**1,000 SF**	**NON-FRIABLE**	**CAT I**
JE120325-19 thru 21	Window Glazing	Exterior	No Asbestos Detected	NA	NA	NA

IDPH and EPA define an asbestos-containing material (ACM) as any material containing greater than one percent (>1%) asbestos. Locations and quantities are provided for reference only. Estimated quantities should not be used for bidding purposes. Abatement contractor must field verify estimated quantities. Materials may exist in other areas not noted. **Bold** indicates asbestos-containing material.

Category I nonfriable asbestos-containing material (ACM) means asbestos-containing packings, gaskets, resilient floor covering, and asphalt roofing products containing more than one percent asbestos as determined using the Polarized Light Microscopy method.

Category II nonfriable ACM means any material, exc1uding Category I nonfriable ACM, containing more than one percent asbestos as determined using the Polarized Light Microscopy method

Friable means when dry, a material cannot be crumbled, pulverized, or reduced to powder by hand pressure.

3.2 Lead-Based Paint Survey

Lead is a heavy metal that can cause health effects from human exposure. Lead is commonly found in industrial paints and coatings. However, beginning in 1978, lead use in consumer paints was restricted. In particular, the U.S. Consumer Products Safety Commission restricted the amount of lead to no more than 0.06 per cent by weight. This value is equivalent to 600 parts per million (ppm) of lead. *Lead-based paint* is defined by the US Department of Housing and Urban Development (HUD) as paint or other surface coatings that contain lead equal to or greater than 5000 parts per million (ppm), 5000 milligrams per Kilogram (mg/Kg), or 0.5 percent by weight. Surface coatings include paint, shellac, varnish, or any other coating, including wallpaper which covers painted surfaces.

3.2.1 Suspect Lead-Based Paint Sample Collection

The lead-based paint survey consisted of visually inspecting the painted survey areas to determine representative paint histories and to collect random samples utilizing an X-ray fluorescence (XRF) spectrum analyzer. The lead-based paint testing was limited to major building components and locations with damaged or peeling paint only. Sampling of suspect lead-based paint (LBP) components and/or surfaces was conducted following the U.S. Department of Housing and Urban Development (HUD) guidelines of June 1995 for single family housing, Chapter 7, Lead Based Paint Inspection, 2012 Revision, and the EPA and HUD's Performance Characteristics Sheet for the RMD LPA-1 XRF lead paint analysis system. There may be materials that were not identified, because they were located in inaccessible areas and not available at the time of inspection.

Table II identifies the lead painted components and/or surfaces as defined by HUD. See Appendix C for a complete testing log of all XRF measurements collected for this survey.

3.2.2 Lead-Based Paint Survey Methodology

Sampling of visible and accessible suspect lead-based painted components and/or surfaces was conducted following protocol similar to the U.S. Department of Housing and Urban Development (HUD) guidelines of June 1995 for single family housing, Chapter 7: Lead-Based Paint Inspection 2012 Revision. These guidelines apply to residential properties. The lead-based paint testing was limited to major building components and locations with damaged or peeling paint only. There may be materials that were not identified, because they were located in inaccessible areas and not available at the time of inspection.

The inspector categorized components in poor condition if the paint damage was greater than three square feet (3 ft^2). Components were categorized in fair condition when paint damage was less than three square feet (3 ft^2). Components in an intact condition represent no visible paint damage. Visual assessments noting the condition of suspect materials described in this report are representative of those conditions present at the time of the survey.

Table II identifies the lead painted components and/or surfaces which were included in the survey scope. See **Appendix C** for the laboratory report and chain of custody record for the paint chip samples collected for this survey.

Table II: Summary of Confirmed Lead-Based Paint Survey Results

MATERIAL LOCATION	COMPONENT	SUBSTRATE	COLOR	RESULT (mg/cm^2)
West Exterior	Siding	Wood	White	1.4
North Exterior	Door Frame	Wood	Green	1.0
Exterior Front	Window	Wood	White	1.0

Painted surfaces which indicate a concentration of $\geq$1.0 milligram per centimeter squared (mg/cm^2) of surface area are considered to be lead-based paint as defined by HUD.

3.3 Hazardous Materials Survey

3.3.1 Hazardous Material Survey

The survey consisted of a visual inspection to determine the location and quantity of hazardous and potentially hazardous materials that may require special

disposal considerations. The entire subject property was vacant and there were no access restrictions.

3.3.2 Hazardous Material Survey Methodology

Table III identifies the materials found in this building and approximate quantities of the materials. The hazardous material survey consisted of visually inspecting the subject property to determine the presence and location of polychlorinated-biphenyl (PCB) containing equipment and materials (lighting ballasts), and mercury-containing equipment and materials (Fluorescent Bulbs, Safety Switches, Switch Boards and Exit Signs), and other potentially hazardous chemicals found within the building. Sampling and analysis of PCBs, mercury, etc., was not part of the scope of work of the survey. Materials were classified as hazardous based on historical usage. Hazardous materials identified during the survey are summarized in **Table III**.

Table III: Summary of Hazardous Material Survey Results

Category	Item	Quantity	Units	Location	Comment
PCBs	Fluorescent Ballasts	2	Each	Kitchen	
Mercury	Fluorescent Bulbs	4	Each	Kitchen	
	Thermostats	1	Each	Kitchen	
Other/Universal Waste	Smoke Detector/CO Detector	4	Each	Kitchen	
	Circuit Panel/Fuse Box	3	Each	Basement	

4.0 CONCLUSIONS AND RECOMMENDATIONS

Carnow Conibear was retained by Tetra Tech to perform a survey for asbestos-containing material, lead-based paint, and hazardous materials at the residential property located at 15301 S. Myrtle Avenue in Harvey, Illinois. The survey was limited to visible and accessible interior and exterior locations within the subject site.

Based on the survey results, Carnow Conibear offers the following conclusions and recommendations:

- Results of the asbestos-containing material survey confirm that asbestos-containing materials were identified at the subject site.
- Any newly discovered materials should be assumed to contain asbestos or must be sampled prior to any future demolition work.
- Results of the lead-based paint survey confirm that lead-based paint as defined by HUD was identified at the subject site. OSHA regulation 1926.62 Lead in Construction, must be followed if lead is disturbed during demolition activities producing airborne exposures above the Permissible Exposure Limit (PEL). The PEL is an airborne limit independent of the concentration of lead in the disturbed material.
- Incorporate the data from this report into future demolition documents regarding the presence of asbestos-containing materials, lead-based paint, and hazardous materials, as applicable.
- All future hazardous material removal and/or demolition work shall be conducted by a licensed contractor in accordance with all applicable local, state, and federal regulations.
- Prior to demolition; remove, dispose, and/or recycle all regulated universal, special and/or hazardous waste materials as identified in this report.
- Document all environmental work activities and retain records.

Carnow Conibear has applied prevailing industry standards and reasonable judgment and effort within the scope of work outlined in Carnow Conibear's proposal, while conducting the asbestos-containing material and lead-based paint survey. The standards, judgment, and effort used by Carnow Conibear personnel to investigate, assess, and determine the presence of potential environmental hazards and liabilities associated with the subject building are consistent with requirements outlined in federal and state guidelines. Carnow Conibear makes no warranty, express or implied, that the findings and interpretations in this report are a complete representation of hazards and liabilities, associated with the building. Findings presented in this report are only indicative of conditions present during the time of the investigation and cannot be used to predict potential future or previous health effects on building occupants. The services performed by Carnow Conibear on this project have been conducted in a professional manner consistent with industry standards at the time of testing. There may be materials that were not identified, because they were located in inaccessible areas and not available at the time of inspection. Carnow Conibear made every reasonable effort to locate mechanical systems and other inconspicuous materials.

The information contained in this report was prepared based upon specific test parameters requested by the Client. and regulations in force at the time of the report. The information herein is only for the specific use of the Client and Carnow Conibear. Carnow Conibear accepts no responsibility for the use, reuse, interpretation, or reliance by other parties on the information contained herein, unless written authorization has been obtained from Carnow Conibear. Carnow Conibear bears no responsibility for the implementation of recommendations included in this report unless specifically requested to do so by the Client

APPENDICES

Appendix A Current License and Certifications
Appendix B Asbestos Laboratory Report and Chain of Custody Documentation
Appendix C Lead-Based Paint Laboratory Report and Chain of Custody Documentation
Appendix D Photographic Documentation

APPENDIX A

Current Licenses and Certifications

IDPH

LEAD RISK ASSESSOR LICENSE

LEAD ID	ISSUED	EXPIRES
1003166	1/2/2025	1/31/2026

Cares A Bailey
8807 South Luella Ave
Chicago, IL 60617



ILLINOIS LEAD PROGRAM
Environmental Health

Alteration of this license shall result in legal action
RISK ASSESSOR CERTIFICATE EXPIRES
4/8/2025
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 found return to 525 W.Jefferson St Springfield, IL 62761

IDPH
ILLINOIS DEPARTMENT OF PUBLIC HEALTH
525-535 West Jefferson Street • Springfield, Illinois 62761-0001 • www.dph.illinois.gov

CARES A BAILEY
8807 SOUTH LUELLA AVE
CHICAGO, IL 60617

9/11/2025

ASBESTOS PROFESSIONAL LICENSE ID NUMBER: 21196

Enclosed is your Asbestos Professional License. Please note the expiration date on the card and in the image depicted below.

COPY OF THE ASBESTOS PROFESSIONAL LICENSE

Front of License

IDPH

ASBESTOS PROFESSIONAL LICENSE

ID NUMBER	ISSUED	EXPIRES
100 - 21196	**9/11/2025**	**05/15/2026**

CARES A BAILEY
8807 SOUTH LUELLA AVE
CHICAGO, IL 60617

Environmental Health



Back of License

ENDORSEMENTS	TC EXPIRES
INSPECTOR	11/18/2025

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

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Nationally Accredited by PHAB

IDPH
ILLINOIS DEPARTMENT OF PUBLIC HEALTH

525-535 West Jefferson Street · Springfield, Illinois 6

IDPH ASBESTOS PROFESSIONAL LICENSE

ID NUMBER	ISSUED	EXPIRES
100 - 06435	6/14/2025	05/15/2026

JOSE A ESCOBEDO
5715 BROADWAY ST
RICHMOND, IL 60071
Environmental Health



JOSE A ESCOBEDO
5715 BROADWAY ST
RICHMOND, IL 60071

6/14/2025

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IDPH

ASBESTOS PROFESSIONAL LICENSE

ID NUMBER	ISSUED	EXPIRES
100 - 06435	6/14/2025	05/15/2026

JOSE A ESCOBEDO
5715 BROADWAY ST
RICHMOND, IL 60071
Environmental Health



Back of License

ENDORSEMENTS	TC EXPIRES
SUPERVISOR/WORKER	1/11/2026
INSPECTOR	9/13/2025
PROJECT MANAGER	1/11/2026
AIR SAMPLING PROFESSIONAL	

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

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APPENDIX B

Asbestos Laboratory Report and Chain of Custody Documentation

EMSL Analytical, Inc.

4140 Litt Drive Hillside, IL 60162

Tel/Fax: (773) 313-0099 / (773) 313-0139

http://www.EMSL.com / chicagolab@emsl.com

EMSL Order:	262511571
Customer ID:	CARN81
Customer PO:	
Project ID:	

Attention:	Dylan Gerhart	**Phone:**	(312) 439-1268
	Carnow, Conibear, & Assoc. Ltd	**Fax:**	(312) 782-5145
	600 West Van Buren Street	**Received Date:**	12/04/2025 3:08 PM
	Suite 500	**Analysis Date:**	12/08/2025
	Chicago, IL 60607	**Collected Date:**	12/03/2025
Project:	A163440003		

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
JE120325-01-Drywall *262511571-0001*	2ND FLR - DRYWALL CEILING	Brown/White Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
JE120325-01-Texture *262511571-0001A*	2ND FLR - DRYWALL CEILING	White/Beige Non-Fibrous Homogeneous		98% Non-fibrous (Other)	**2% Chrysotile**
JE120325-02-Drywall *262511571-0002*	2ND FLR - DRYWALL CEILING	Brown/White Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
JE120325-02-Texture *262511571-0002A*	2ND FLR - DRYWALL CEILING	White/Beige Non-Fibrous Homogeneous		98% Non-fibrous (Other)	**2% Chrysotile**
JE120325-03 *262511571-0003*	2ND FLR - DRYWALL WALL	White Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
JE120325-04 *262511571-0004*	1ST FLR - ASSOCIATED TAR PAPER CEILING	Black Fibrous Homogeneous	96% Cellulose	4% Non-fibrous (Other)	None Detected
JE120325-05 *262511571-0005*	2ND FLR - ASSOCIATED TAR PAPER CEILING	Black Fibrous Homogeneous	96% Cellulose	4% Non-fibrous (Other)	None Detected
JE120325-06 *262511571-0006*	1ST FLR - ASSOCIATED TAR PAPER WALL	Black Fibrous Homogeneous	96% Cellulose	4% Non-fibrous (Other)	None Detected
JE120325-07 *262511571-0007*	2ND FLR - INSULATION ATTIC	Gray Fibrous Homogeneous	98% Min. Wool	2% Non-fibrous (Other)	None Detected
JE120325-08 *262511571-0008*	2ND FLR - INSULATION ATTIC	Gray Fibrous Homogeneous	98% Min. Wool	2% Non-fibrous (Other)	None Detected
JE120325-09 *262511571-0009*	2ND FLR - INSULATION ATTIC	Gray Fibrous Homogeneous	98% Min. Wool	2% Non-fibrous (Other)	None Detected
JE120325-10-Skim Coat *262511571-0010*	1ST FLR - PLASTER CEILING	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-10-Base Coat *262511571-0010A*	1ST FLR - PLASTER CEILING	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-11-Skim Coat *262511571-0011*	2ND FLR - PLASTER CEILING	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-11-Base Coat *262511571-0011A*	2ND FLR - PLASTER CEILING	Gray Non-Fibrous Homogeneous	2% Cellulose	98% Non-fibrous (Other)	None Detected

Initial report from: 12/08/2025 12:13:44

EMSL Analytical, Inc.
4140 Litt Drive Hillside, IL 60162
Tel/Fax: (773) 313-0099 / (773) 313-0139
http://www.EMSL.com / chicagolab@emsl.com

EMSL Order:	262511571
Customer ID:	CARN81
Customer PO:	
Project ID:	

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
JE120325-12-Skim Coat *262511571-0012*	2ND FLR - PLASTER CEILING	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-12-Base Coat *262511571-0012A*	2ND FLR - PLASTER CEILING	Gray Non-Fibrous Homogeneous	2% Cellulose	98% Non-fibrous (Other)	None Detected
JE120325-13 *262511571-0013*	1ST FLR - 9"X 9" BEIGE F/R TILE	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-14 *262511571-0014*	1ST FLR - 9"X 9" BEIGE F/R TILE	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-15 *262511571-0015*	1ST FLR - 9"X 9" BEIGE F/R TILE	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-16 *262511571-0016*	1ST FLR - ASSOCIATED MASTIC BLACK	Black Non-Fibrous Homogeneous		95% Non-fibrous (Other)	**5% Chrysotile**
JE120325-17 *262511571-0017*	1ST FLR - ASSOCIATED MASTIC BLACK	Black Non-Fibrous Homogeneous		95% Non-fibrous (Other)	**5% Chrysotile**
JE120325-18 *262511571-0018*	1ST FLR - ASSOCIATED MASTIC BLACK	Black Non-Fibrous Homogeneous		95% Non-fibrous (Other)	**5% Chrysotile**
JE120325-19 *262511571-0019*	EXTERIOR - WINDOW GLAZING	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-20 *262511571-0020*	EXTERIOR - WINDOW GLAZING	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-21 *262511571-0021*	EXTERIOR - WINDOW GLAZING	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Analyst(s)

Emily Weslow (8)
Shamya Pugh (18)

James Hahn, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 “Interim Method”) but augmented with procedures outlined in the 1993 (”final”) version of the method. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc. Hillside, IL NVLAP Lab Code 200399-0

Initial report from: 12/08/2025 12:13:44

OrderID: 262511571

262511571

Carnow, Conibear & Assoc., Ltd.
Environmental Consulting Services
600 West Van Buren St., Suite 500, Chicago, IL 60607
T 312.782.4488 f. 312.782.5145
www.ccaltd.com

CHAIN OF CUSTODY RECORD
PLM ASBESTOS

CARNOW CONIBEAR

Client: Tetra Tech
Street Address: 15301 S. Myrtle Ave
City, State, Zip: Harvey, IL
Date: 12-3-2025
Turn Around: 2-Day

Project #: A163440003
Project Name:
Project Location: Residence
Project Manager: Dylan Gerhart
Inspector: Jose Escobedo

SAMPLE ID / NUMBER:	SAMPLE DESCRIPTION / LOCATION	
JE120325-01	Drywall ceiling	2nd FLR
02		1ST FLR
03	Wall	
04	Associated Tar Paper ceiling	2nd FLR
05		1ST FLR
06	Wall	
07	Insulation Attic	2nd FLR
08		
09		
10	Plaster ceiling	1ST FLR
11		2nd FLR
12		
13	9"x9" Beige FLR Tile	1ST FLR
14		
15		
16	Associated Mastic Black	
17		
18		
19	Window Glazing	Exterior
20		
21		
22		
23		
24		

Comments: Please email results to dgerhart@tetratech.com / jescobedo@ccaltd.com
Relinquished By / Date / Time: Jose Escobedo
Received By / Date / Time:
Relinquished By / Date / Time:
Received By / Date / Time: 12/4/25 3:08 PM WI

E-381

APPENDIX C

Lead-Based Paint Laboratory Report and Chain of Custody Documentation

Carnow, Conibear & Assoc., Ltd.
Environmental Consulting Services
600 W. Van Buren St., Suite 500, Chicago, IL 60607
t: 312.782.4486 f: 312.782.5145
www.ccltd.com

CARNOW CONIBEAR

XRF CALIBRATION CHECK TEST RESULTS

Client: Tetra Tech Date: 12/3/25

Address: 1 S Wacker Dr #3700, Chicago, IL 60606

XRF Serial #: 2239

XRF Instrument: Vilcen Detection Pb 200e

Inspector/License #: Cares Bailey 1003166

XRF Unit File #:

Calibration Check Tolerance Used: +/- 0.2 mg/cm² on 1. mg/cm² / Standard

Time Corrected Mode – Duration of Test is seconds long

CALIBRATION CHECK (Bare Wood)

Calibration Time	1st Reading	2nd Reading	3rd Reading	Average Reading	Difference From Average & 0.0 mg/cm²	Acceptable Yes/No
8:53am	0.1	0.1	0.0	0.04		Yes

CALIBRATION CHECK (Painted)

Calibration Time	1st Reading	2nd Reading	3rd Reading	Average Reading	Difference Between Average & 0.0 mg/cm²	Acceptable Yes/No
8:54am	1.0	0.9	1.1	1.0		Yes

CALIBRATION CHECK (Painted)

Calibration Time	1st Reading	2nd Reading	3rd Reading	Average Reading	Difference Between Average & 0.0 mg/cm²	Acceptable Yes/No
2:00pm	1.0	1.0	0.9	0.97		Yes

CALIBRATION CHECK ( )

Calibration Time	1st Reading	2nd Reading	3rd Reading	Average Reading	Difference Between Average & 0.0 mg/cm²	Acceptable Yes/No

Lead Based Paint XRF Data Sheet

Client: Tetra Tech | Building Address: 15301 Myrtle Avenue | City: Harvey | Inspection Date: 12/3/2025

Area Description: House | State: IL | Inspector: Cares Bailey | License #: 1003166

XRF Serial #: 2295 | XRF Instrument: Viken Detection Pb200e | XRF Unit /File #: | Inspector's Signature:

XRF Test Shot #	Test Location	Component	Substrate	Color	Condition Assessment Deterioration Present?	Estimated Damage	XRF Reading mg/cm^2	Classification P=Positive ≥1.0 N=Negative <1.0
7	15301- West Exterior	Siding	Vinyl	White	Y N		0.1	P N
8	**15301- West Exterior**	**Siding**	**Wood**	**White**	**Y N**		**1.4**	**P N**
9	15301- West Exterior	Window Frame	Wood	Light Blue	Y N		0.6	P N
10	15301- West Exterior	Window Frame	Wood	White	Y N		0.6	P N
11	15301- North Exterior	Door	Wood	Red	Y N		0.1	P N
12	**15301- North Exterior**	**Door Frame**	**Wood**	**Green**	**Y N**		**1.0**	**P N**
13	15301- North Exterior	Door Frame	Metal	White	Y N		0.5	P N
14	15301- North Exterior	Siding	Wood	Blue	Y N		0.0	P N
15	15301- North Exterior	Siding	Wood	Black	Y N		0.1	P N
16	15301- North Exterior	Window Frame	Metal	White	Y N		0.7	P N
17	15301- Dining Room	Ceiling	Drywall	White	Y N		0.2	P N
18	15301- Exterior Front	Window	Wood	White	Y N		1.0	P N
19	15301- Exterior Front Porch	Stair Rail	Wood	Red Brown	Y N		0.1	P N

CARNOW CONIBEAR

APPENDIX D

Photographic Documentation



Photo 1 – Drywall Ceiling and Walls (ACM) and associated Tar Paper(ACM)

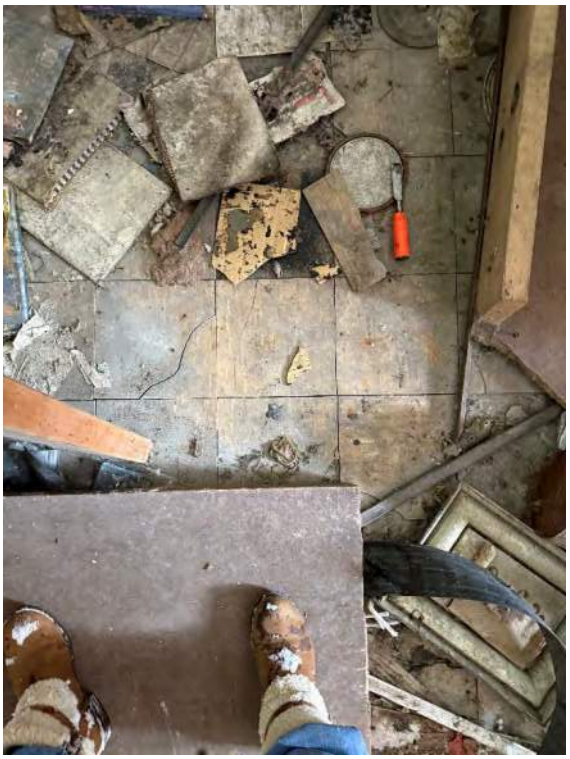


Photo 2 - 9”x9” Beige Floor Tiles (non-ACM) with associated Black Mastic(ACM)



Photo 3 – Condition of inaccessible structure on property.

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Environmental Consulting Services
600 West Van Buren St., Suite 500, Chicago, IL 60607
t: 312.782.4486 f: 312.782.5145
www.ccaltd.com

CARNOW CONIBEAR

Asbestos-Containing Material, Lead-Based Paint, and Hazardous Materials Survey Report

Site: **15305 S. Myrtle Drive**
Harvey, IL 60426

Survey Date: **December 3, 2025**
Project No.: **A163440003**



Prepared For: Tetra Tech

Issue Date: December 3, 2025
Carnow Conibear Project Number: A163440003

Carnow, Conibear & Assoc., Ltd.
Environmental Consulting Services
600 West Van Buren St., Suite 500, Chicago, IL 60607
t: 312.782.4486 f: 312.782.5145
www.ccaltd.com

Pre-Demolition Asbestos-Containing Material, Lead-Based Paint, and Hazardous Materials Survey Report

Site: **15305 S. Myrtle Drive**
Harvey, IL 60426

Survey Date: **December 3, 2025**
Project No.: **A136440003**

Field Work By:

Jose Escobedo
Asbestos Building Inspector

Field Work By:

Fernando Rea
Lead Risk Assessor

Report Prepared By:

Jarod Sparacio
Industrial Hygiene Technician

Report Reviewed By:

Dylan Gerhart, P.E., C.I.H., C.S.P.
Senior Project Engineer

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CARNOW CONIBEAR

1.0 EXECUTIVE SUMMARY

Carnow, Conibear & Assoc., Ltd. (Carnow Conibear) was retained by Tetra Tech, Inc. (Tetra Tech) to perform a Pre-Demolition survey for asbestos-containing materials, lead-based paint, and hazardous materials properties located at 15305 S. Myrtle Drive, Harvey, Illinois. The overall purpose of the survey was to provide required abatement information in anticipation of demolition of onsite structures.

Asbestos-Containing Materials

The asbestos survey was conducted in phases. The first phase involved a visual inspection of unoccupied rooms to identify accessible suspect asbestos-containing materials. The next phase included collecting representative samples from these accessible suspect materials, followed by laboratory analysis to determine the presence of asbestos. The samples were analyzed by an accredited laboratory.

Lead-Based Paint

The objective of the lead-based paint survey was to identify painted building components thought to be impacted to determine the existence, condition, and location of lead-based paint as defined by HUD

Hazardous Materials

The hazardous materials survey consisted of visually inspecting the subject site to determine the presence and location of polychlorinated-biphenyl (PCB) containing equipment and materials (lighting ballasts), and mercury-containing equipment and materials (Fluorescent Bulbs, Safety Switches, Switch Boards and Exit Signs), radioactive material-containing units (Carbon monoxide detector) and other hazardous chemical wastes, including chlorofluorocarbon (CFCs) containing units. Sampling was not part of the scope of work of the survey. Assumptions about the presence of these hazardous materials are based on historical usage.

2.0 INTRODUCTION

Carnow, Conibear & Assoc., Ltd. (Carnow Conibear) was retained by Tetra Tech to perform a Pre-Demolition survey for asbestos-containing materials, lead-based paint, and hazardous materials at the two properties located at 15305 S. Myrtle Drive, Harvey, Illinois. The survey was conducted on December 3, 2025 by Carnow Conibear representatives Mr. Jose Escobedo and Mr. Fernando Rea. Mr. Escobedo is an Illinois Department of Public Health (IDPH) licensed Asbestos Building Inspector and lead inspector/risk assessor. See **Appendix A** for copies of the inspector's current licenses and accreditations.

2.1 Objectives

2.1.1 Asbestos-Containing Material Survey

The purpose of the asbestos survey was to identify the location of accessible asbestos-containing materials (ACM). To achieve this purpose, the following procedures were performed:

- Visual Inspection – to determine the location of suspect materials.
- Sample Collection – to determine asbestos content and material condition
- Laboratory Analysis – analysis of samples by an accredited laboratory.
- Reporting – to prepare a summary report documenting the inspection findings and providing recommendations as warranted.

2.1.2 Lead-Based Paint Survey

The objective of the lead-based paint survey was to identify painted building components through to be impacted by planned renovations to determine the existence, condition, and location of lead-based paint as defined by HUD. To achieve this objective, the following procedures were performed:

- Visual Inspection - to determine location of painted surfaces
- Sampling – lead-based paint sampling to determine the presence of these constituents
- Reporting – to prepare a summary report documenting the inspection findings.

2.2.3 Hazardous Materials Survey

The objective of the hazardous material survey was to determine the presence of PCB's, mercury containing equipment, radiological equipment, medical waste, and any other chemicals that could present health hazards to site workers and/or require special disposal. To achieve this objective, the following procedures were performed:

- Visual Inspection – to determine the presence, quantity, and location.
- Reporting – to prepare a summary documenting the inspection findings and providing recommendations as warranted.

The quantities provided in this report only represent the materials found on the day of the survey. Additional chemicals and equipment may be brought onto the property after the date of the survey or consumed and/or disposed prior to the report issue date.

3.0 SITE INSPECTION

3.1 Asbestos-Containing Material Survey

3.1.1 Historical Document Review

No asbestos-related documents were provided for review to gain an understanding of previous asbestos activities.

3.1.2 Asbestos Survey Methodology

The asbestos survey was conducted in phases. The first phase of the survey included a walkthrough inspection the subject site to identify homogeneous materials (materials which are uniform in composition throughout) and to assess material conditions. The next phase consisted of collecting representative bulk samples from the suspected asbestos-containing materials. Materials may have been assumed to contain asbestos due to inaccessibility of the room or area where the materials were located or sampling of the material would damage or compromise the integrity of the building component and may render it inoperable.

3.1.3 Suspect Asbestos-Containing Material Sample Collection

Carnow Conibear collected a total of forty-eight (48) samples from the suspected asbestos-containing materials. All bulk samples were collected based on methods described in USEPA guidelines. The samples were collected and stored in sample bags with a unique sample identification number prior to delivery to EMSL Laboratory in Hillside, Illinois for analysis. A chain of custody (COC) form was signed and dated by the inspector, the delivering representative, and the laboratory representative who received the samples.

3.1.4 Asbestos Sample Analysis

The samples collected during the field activities were submitted to EMSL for laboratory analysis. EMSL is accredited for bulk asbestos fiber analysis by the National Voluntary Laboratory Accreditation Program (NVLAP) through the National Institute of Standards and Technology (NIST). EMSL utilized dispersion staining and polarized light microscopy (PLM) techniques for analyzing the samples consistent with National Institute for Occupational Safety and Health (NIOSH) methods. PLM is the EPA's recognized method for determining bulk asbestos content. See **Appendix B** for the bulk sample laboratory report and chain of custody documentation. Photographs are contained in **Appendix D**.

Table I present a summary of the results of the bulk sample analysis and material locations and condition.

Table I: Summary of Asbestos-Containing Materials Survey Results
Polarized Light Microscopy

SAMPLE ID	MATERIAL DESCRIPTION	MATERIAL LOCATION	LABORATORY RESULT (PLM)	ESTIMATED QUANTITY	FRIABLE OR NON-FRIABLE	NESHAP TYPE
JE120325-01 thru 03	Vinyl Countertop	Kitchen	No Asbestos Detected	NA	NA	NA
JE120325-04 thru 06	Associated Adhesive of Vinyl Countertop	Kitchen	No Asbestos Detected	NA	NA	NA
JE120325-07 thru 09	Linoleum Shelf Cover	Basement	No Asbestos Detected	NA	NA	NA
JE120325-10	**Wall Plaster**	**Stairwell**	**2% Chrysotile**	**1,000 SF**	**NON-FRIABLE**	**CAT II**
JE120325-11	**Wall Plaster**	**Kitchen**	**2% Chrysotile**	**1,000 SF**	**NON-FRIABLE**	**CAT II**
JE120325-12	**Wall Plaster**	**Basement**	**2% Chrysotile**	**1,000 SF**	**NON-FRIABLE**	**CAT II**
JE120325-13	Drywall Wall	Bathroom	No Asbestos Detected	NA	NA	NA
JE120325-14	Drywall Ceiling	Bathroom	No Asbestos Detected	NA	NA	NA
JE120325-15	Drywall Wall	Kitchen	No Asbestos Detected	NA	NA	NA
JE120325-16 thru 18	Floating FLR Gray	Bedroom	No Asbestos Detected	NA	NA	NA
JE120325-19 thru 21	Floating FLR Brown	Living Room	No Asbestos Detected	NA	NA	NA
JE120325-22 thru 24	Duct Seam Tape	Basement Ducts	No Asbestos Detected	NA	NA	NA
JE120325-25 thru 27	12”x12” Ceiling Tile	Living Room Closet	No Asbestos Detected	NA	NA	NA
JE120325-28 thru 30	Chimney Cement Patch	Basement	No Asbestos Detected	NA	NA	NA
JE120325-31 thru 33	Chimney Mortar	Basement	No Asbestos Detected	NA	NA	NA
JE120325-34	12”x12” Beige Ceramic Floor Tile	Kitchen	No Asbestos Detected	NA	NA	NA
JE120325-35	12”x12” Beige Ceramic Floor Tile	Bathroom	No Asbestos Detected	NA	NA	NA
JE120325-36	12”x12” Beige Ceramic Wall Tile	Shower	No Asbestos Detected	NA	NA	NA
JE120325-37	Associated Mortar	Kitchen				
JE120325-38	Associated Mortar	Bathroom				
JE120325-39	Associated Mortar	Shower	No Asbestos Detected	NA	NA	NA
JE120325-40 thru 42	4”x12” Green/Brown Ceramic Threshold	Shower	No Asbestos Detected	NA	NA	NA
JE120325-43 thru 45	Associated Mortar	Shower	No Asbestos Detected	NA	NA	NA
JE120325-46 thru 48	Gray/Black Paper Siding	Interior of Garage	No Asbestos Detected	NA	NA	NA

IDPH and EPA define an asbestos-containing material (ACM) as any material containing greater than one percent (>1%) asbestos. Locations and quantities are provided for reference only. Estimated quantities should not be used for bidding purposes. Abatement contractor must field verify estimated quantities. Materials may exist in other areas not noted. **Bold** indicates asbestos-containing material.

Category I nonfriable asbestos-containing material (ACM) means asbestos-containing packings, gaskets, resilient floor covering, and asphalt roofing products containing more than one percent asbestos as determined using the Polarized Light Microscopy method.

Category II nonfriable ACM means any material, exc1uding Category I nonfriable ACM, containing more than one percent asbestos as determined using the Polarized Light Microscopy method

Friable means when dry, a material cannot be crumbled, pulverized, or reduced to powder by hand pressure.

3.2 Lead-Based Paint Survey

Lead is a heavy metal that can cause health effects from human exposure. Lead is commonly found in industrial paints and coatings. However, beginning in 1978, lead use in consumer paints was restricted. In particular, the U.S. Consumer Products Safety Commission restricted the amount of lead to no more than 0.06 per cent by weight. This value is equivalent to 600 parts per million (ppm) of lead. *Lead-based paint* is defined by the US Department of Housing and Urban Development (HUD) as paint or other surface coatings that contain lead equal to or greater than 5000 parts per million (ppm), 5000 milligrams per Kilogram (mg/Kg), or 0.5 percent by weight. Surface coatings include paint, shellac, varnish, or any other coating, including wallpaper which covers painted surfaces.

3.2.1 Suspect Lead-Based Paint Sample Collection

The lead-based paint survey consisted of visually inspecting the painted survey areas to determine representative paint histories and to collect random samples utilizing an X-ray fluorescence (XRF) spectrum analyzer. The lead-based paint testing was limited to major building components and locations with damaged or peeling paint only. Sampling of suspect lead-based paint (LBP) components and/or surfaces was conducted following the U.S. Department of Housing and Urban Development (HUD) guidelines of June 1995 for single family housing, Chapter 7, Lead Based Paint Inspection, 2012 Revision, and the EPA and HUD's Performance Characteristics Sheet for the RMD LPA-1 XRF lead paint analysis system. There may be materials that were not identified, because they were located in inaccessible areas and not available at the time of inspection.

Table II identifies the lead painted components and/or surfaces as defined by HUD. See Appendix C for a complete testing log of all XRF measurements collected for this survey.

3.2.2 Lead-Based Paint Survey Methodology

Sampling of visible and accessible suspect lead-based painted components and/or surfaces was conducted following protocol similar to the U.S. Department of Housing and Urban Development (HUD) guidelines of June 1995 for single family housing, Chapter 7: Lead-Based Paint Inspection 2012 Revision. These guidelines apply to residential properties. The lead-based paint testing was limited to major building components and locations with damaged or peeling paint only. There may be materials that were not identified, because they were located in inaccessible areas and not available at the time of inspection.

The inspector categorized components in poor condition if the paint damage was greater than three square feet (3 ft^2). Components were categorized in fair condition when paint damage was less than three square feet (3 ft^2). Components in an intact condition represent no visible paint damage. Visual assessments noting the condition of suspect materials described in this report are representative of those conditions present at the time of the survey.

Table II identifies the lead painted components and/or surfaces which were included in the survey scope. See **Appendix C** for the laboratory report and chain of custody record for the samples collected for this survey.

Table II: Summary of Confirmed Lead-Based Paint Survey Results

MATERIAL LOCATION	COMPONENT	SUBSTRATE	COLOR	RESULT (mg/cm^2)
Basement	**Stairway South Wall**	**Plaster**	**White**	**1.4**
Basement	**Stairway North Wall**	**Plaster**	**White**	**1.7**
Basement	**Windowsill**	**Wood**	**Green**	**10.5**
Basement	**Window Frame**	**Wood**	**White**	**3.0**
Basement	**Windowsill**	**Wood**	**Pink**	**1.1**
Basement	**Window Frame**	**Wood**	**Pink**	**7.4**
Exterior Front Porch	**Column**	**Wood**	**White**	**3.3**

Painted surfaces which indicate a concentration of ≥1.0 milligram per centimeter squared (mg/cm^2) of surface area are considered to be lead-based paint as defined by HUD. **Bold** text denotes results that contain lead equal to or greater than 1 mg/cm^2

3.3 Hazardous Materials Survey

3.3.1 Hazardous Material Survey

The survey consisted of a visual inspection to determine the location and quantity of hazardous and potentially hazardous materials that may require special disposal considerations. The entire subject property was vacant and there were no access restrictions.

3.3.2 Hazardous Material Survey Methodology

Table III identifies the materials found in this building and approximate quantities of the materials. The hazardous material survey consisted of visually inspecting the subject property to determine the presence and location of polychlorinated-biphenyl (PCB) containing equipment and materials (lighting ballasts), and mercury-containing equipment and materials (Fluorescent Bulbs, Safety Switches, Switch Boards and Exit Signs), and other potentially hazardous chemicals found within the building. Sampling and analysis of PCBs, mercury, etc., was not part of the scope of work of the survey. Materials were classified as hazardous based on historical usage. Hazardous materials identified during the survey are summarized in **Table III**.

Table III: Summary of Hazardous Material Survey Results

Category	Item	Quantity	Units	Location	Comment
Radioactive Material-Containing Equipment	Smoke Detector/CO Detector	1	Each	Kitchen	
Other/Universal Waste	Circuit Panel/Fuse Box	3	Each	Basement	
	Water Heater	1	Each	Basement	

4.0 CONCLUSIONS AND RECOMMENDATIONS

Carnow Conibear was retained by Tetra Tech to perform a survey for asbestos-containing material, lead-based paint, and hazardous materials at 15305 S. Myrtle Drive, Harvey, Illinois.

Based on the survey results, Carnow Conibear offers the following conclusions and recommendations:

- Results of the asbestos-containing material survey confirm that asbestos-containing materials were identified at the subject site.
- Any newly discovered materials should be assumed to contain asbestos or must be sampled prior to any future demolition work.
- Results of the lead-based paint survey confirm that lead-based paint as defined by HUD was identified at the subject site. OSHA regulation 1926.62 Lead in Construction, must be followed if lead is disturbed during demolition activities producing airborne exposures above the Permissible Exposure Limit (PEL). The PEL is an airborne limit independent of the concentration of lead in the disturbed material.
- Incorporate the data from this report into future demolition documents regarding the presence of asbestos-containing materials, lead-based paint, and hazardous materials, as applicable.
- All future hazardous material removal and/or demolition work shall be conducted by a licensed contractor in accordance with all applicable local, state, and federal regulations.
- Prior to demolition; remove, dispose, and/or recycle all regulated universal, special and/or hazardous waste materials as identified in this report.
- Document all environmental work activities and retain records.

Carnow Conibear has applied prevailing industry standards and reasonable judgment and effort within the scope of work outlined in Carnow Conibear's proposal, while conducting the asbestos-containing material and lead-based paint survey. The standards, judgment, and effort used by Carnow Conibear personnel to investigate, assess, and determine the presence of potential environmental hazards and liabilities associated with the subject building are consistent with requirements outlined in federal and state guidelines. Carnow Conibear makes no warranty, express or implied, that the findings and interpretations in this report are a complete representation of hazards and liabilities, associated with the building. Findings presented in this report are only indicative of conditions present during the time of the investigation and cannot be used to predict potential future or previous health effects on building occupants. The services performed by Carnow Conibear on this project have been conducted in a professional manner consistent with industry standards at the time of testing. There may be materials that were not identified, because they were located in inaccessible areas and not available at the time of inspection. Carnow Conibear made every reasonable effort to locate mechanical systems and other inconspicuous materials.

The information contained in this report was prepared based upon specific test parameters requested by the Client. and regulations in force at the time of the report. The information herein is only for the specific use of the Client and Carnow Conibear. Carnow Conibear accepts no responsibility for the use, reuse, interpretation, or reliance by other parties on the information contained herein, unless written authorization has been obtained from Carnow Conibear. Carnow Conibear bears no responsibility for the implementation of recommendations included in this report unless specifically requested to do so by the Client.

CARNOW CONIBEAR

APPENDICES

Appendix A Current License and Certifications
Appendix B Asbestos Laboratory Report and Chain of Custody Documentation
Appendix C Lead-Based Paint Laboratory Report and Chain of Custody Documentation
Appendix D Photographic Documentation

APPENDIX A

Current Licenses and Certifications

IDPH

ILLINOIS DEPARTMENT OF PUBLIC HEALTH

525-535 West Jefferson Street · Springfield, Illinois 6

IDPH ASBESTOS PROFESSIONAL LICENSE

ID NUMBER	ISSUED	EXPIRES
100 - 06435	6/14/2025	05/15/2026

JOSE A ESCOBEDO
5715 BROADWAY ST
RICHMOND, IL 60071
Environmental Health



JOSE A ESCOBEDO
5715 BROADWAY ST
RICHMOND, IL 60071

6/14/2025

ASBESTOS PROFESSIONAL LICENSE ID NUMBER: 06435

Enclosed is your Asbestos Professional License. Please note the expiration date on the card and in the image depicted below.

COPY OF THE ASBESTOS PROFESSIONAL LICENSE

Front of License

IDPH

ASBESTOS PROFESSIONAL LICENSE

ID NUMBER	ISSUED	EXPIRES
100 - 06435	6/14/2025	05/15/2026

JOSE A ESCOBEDO
5715 BROADWAY ST
RICHMOND, IL 60071
Environmental Health



Back of License

ENDORSEMENTS	TC EXPIRES
SUPERVISOR/WORKER	1/11/2026
INSPECTOR	9/13/2025
PROJECT MANAGER	1/11/2026
AIR SAMPLING PROFESSIONAL	

Alteration of this license shall result in legal action
This license issued under authority of the State of Illinois Department of Public Health
This license is valid only when accompanied by a valid training course certificate.

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

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

PROTECTING HEALTH, IMPROVING LIVES
Nationally Accredited by PHAB

IDPH

LEAD RISK ASSESSOR LICENSE

LEAD ID	ISSUED	EXPIRES
1003874	4/9/2025	1/31/2026



Fernando J Rea
1044 W 18Th St
Chicago, IL 60608

ILLINOIS LEAD PROGRAM
Environmental Health

Alteration of this license shall result in legal action

RISK ASSESSOR CERTIFICATE EXPIRES

1/29/2028

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 found return to 525 W.Jefferson St Springfield, IL 62761

APPENDIX B

Asbestos Laboratory Report and Chain of Custody Documentation

EMSL Analytical, Inc.

4140 Litt Drive Hillside, IL 60162

Tel/Fax: (773) 313-0099 / (773) 313-0139

http://www.EMSL.com / chicagolab@emsl.com

EMSL Order:	262511569
Customer ID:	CARN81
Customer PO:	
Project ID:	

Attention:	Dylan Gerhart	**Phone:**	(312) 439-1268
	Carnow, Conibear, & Assoc. Ltd	**Fax:**	(312) 782-5145
	600 West Van Buren Street	**Received Date:**	12/04/2025 3:08 PM
	Suite 500	**Analysis Date:**	12/08/2025
	Chicago, IL 60607	**Collected Date:**	12/03/2025
Project:	A163440003		

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
JE120325-01 *262511569-0001*	KITCHEN - VINYL COUNTERTOP	Brown/Tan Non-Fibrous Homogeneous	40% Cellulose	60% Non-fibrous (Other)	None Detected
JE120325-02 *262511569-0002*	KITCHEN - VINYL COUNTERTOP	Brown/Tan Non-Fibrous Homogeneous	40% Cellulose	60% Non-fibrous (Other)	None Detected
JE120325-03 *262511569-0003*	KITCHEN - VINYL COUNTERTOP	Brown/Tan Non-Fibrous Homogeneous	40% Cellulose	60% Non-fibrous (Other)	None Detected
JE120325-04 *262511569-0004*	KITCHEN - ASSOC. ADHESIVE	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-05 *262511569-0005*	KITCHEN - ASSOC. ADHESIVE	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-06 *262511569-0006*	KITCHEN - ASSOC. ADHESIVE	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-07 *262511569-0007*	BASEMENT - LINOLEUM SHELF COVER	Brown/Black/Green Fibrous Homogeneous	60% Cellulose	40% Non-fibrous (Other)	None Detected
JE120325-08 *262511569-0008*	BASEMENT - LINOLEUM SHELF COVER	Brown/Black/Green Fibrous Homogeneous	60% Cellulose	40% Non-fibrous (Other)	None Detected
JE120325-09 *262511569-0009*	BASEMENT - LINOLEUM SHELF COVER	Brown/Black/Green Fibrous Homogeneous	60% Cellulose	40% Non-fibrous (Other)	None Detected
JE120325-10-Texture *262511569-0010*	STAIRWELL - WALL PLASTER	Beige Non-Fibrous Homogeneous		98% Non-fibrous (Other)	**2% Chrysotile**
JE120325-10-Skim Coat *262511569-0010A*	STAIRWELL - WALL PLASTER	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-10-Base Coat *262511569-0010B*	STAIRWELL - WALL PLASTER	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-11-Texture *262511569-0011*	KITCHEN - WALL PLASTER	Beige Non-Fibrous Homogeneous		98% Non-fibrous (Other)	**2% Chrysotile**
JE120325-11-Skim Coat *262511569-0011A*	KITCHEN - WALL PLASTER	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-11-Base Coat *262511569-0011B*	KITCHEN - WALL PLASTER	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 12/08/2025 12:50:57

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4140 Litt Drive Hillside, IL 60162
Tel/Fax: (773) 313-0099 / (773) 313-0139
http://www.EMSL.com / chicagolab@emsl.com

EMSL Order: 262511569
Customer ID: CARN81
Customer PO:
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
JE120325-12-Texture *262511569-0012*	BASEMENT - WALL PLASTER	Beige Non-Fibrous Homogeneous		98% Non-fibrous (Other)	**2% Chrysotile**
JE120325-12-Skim Coat *262511569-0012A*	BASEMENT - WALL PLASTER	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-12-Base Coat *262511569-0012B*	BASEMENT - WALL PLASTER	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-13 *262511569-0013*	BATHROOM - DRYWALL - WALL	Brown/White Non-Fibrous Homogeneous	10% Cellulose 2% Glass	88% Non-fibrous (Other)	None Detected
JE120325-14 *262511569-0014*	BATHROOM - DRYWALL CEILING	Brown/White Non-Fibrous Homogeneous	10% Cellulose 2% Glass	88% Non-fibrous (Other)	None Detected
JE120325-15 *262511569-0015*	KITCHEN - DRYWALL WALL	Brown/White Non-Fibrous Homogeneous	10% Cellulose 2% Glass	88% Non-fibrous (Other)	None Detected
JE120325-16 *262511569-0016*	BEDROOM - FLOATING FLR. GRAY	Gray Fibrous Homogeneous	96% Cellulose	4% Non-fibrous (Other)	None Detected
JE120325-17 *262511569-0017*	BEDROOM - FLOATING FLR. GRAY	Brown/Gray Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (Other)	None Detected
JE120325-18 *262511569-0018*	BEDROOM - FLOATING FLR. GRAY	Brown/Gray Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (Other)	None Detected
JE120325-19 *262511569-0019*	LIVING ROOM - FLOATING FLR. BROWN	Brown Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (Other)	None Detected
JE120325-20 *262511569-0020*	LIVING ROOM - FLOATING FLR. BROWN	Brown Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (Other)	None Detected
JE120325-21 *262511569-0021*	LIVING ROOM - FLOATING FLR. BROWN	Brown Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (Other)	None Detected
JE120325-22 *262511569-0022*	BASEMENT DUCTS - DUCT SEAM TAPE	Gray Fibrous Homogeneous	98% Cellulose	2% Non-fibrous (Other)	None Detected
JE120325-23 *262511569-0023*	BASEMENT DUCTS - DUCT SEAM TAPE	Gray Fibrous Homogeneous	98% Cellulose	2% Non-fibrous (Other)	None Detected
JE120325-24 *262511569-0024*	BASEMENT DUCTS - DUCT SEAM TAPE	Gray Fibrous Homogeneous	98% Cellulose	2% Non-fibrous (Other)	None Detected
JE120325-25 *262511569-0025*	LIVING ROOM CLOSET - 12"X12" CEILING TILE	Brown/White Fibrous Homogeneous	98% Cellulose	2% Non-fibrous (Other)	None Detected
JE120325-26 *262511569-0026*	LIVING ROOM CLOSET - 12"X12" CEILING TILE	Brown/White Fibrous Homogeneous	98% Cellulose	2% Non-fibrous (Other)	None Detected
JE120325-27 *262511569-0027*	LIVING ROOM CLOSET - 12"X12" CEILING TILE	Brown/White Fibrous Homogeneous	98% Cellulose	2% Non-fibrous (Other)	None Detected
JE120325-28 *262511569-0028*	BASEMENT - CHIMNEY CEMENT PATCH	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

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4140 Litt Drive Hillside, IL 60162
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EMSL Order: 262511569
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Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
JE120325-29 *262511569-0029*	BASEMENT - CHIMNEY CEMENT PATCH	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-30 *262511569-0030*	BASEMENT - CHIMNEY CEMENT PATCH	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-31 *262511569-0031*	BASEMENT - CHIMNEY MORTAR	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-32 *262511569-0032*	BASEMENT - CHIMNEY MORTAR	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-33 *262511569-0033*	BASEMENT - CHIMNEY MORTAR	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-34 *262511569-0034*	KITCHEN - 12"X12" BEIGE CERAMIC FLR TILE	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-35 *262511569-0035*	BATHROOM - 12"X12" BEIGE CERAMIC FLR TILE	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-36 *262511569-0036*	SHOWER - 12"X12" BEIGE CERAMIC WALL TILE	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-37 *262511569-0037*	KITCHEN - ASSOCIATED MORTAR	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-38 *262511569-0038*	BATHROOM - ASSOCIATED MORTAR	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-39 *262511569-0039*	SHOWER - ASSOCIATED MORTAR	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-40 *262511569-0040*	SHOWER - 4"X12" GREEN/BROWN CERAMIC TRESHHOLD	Brown/Green Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-41 *262511569-0041*	SHOWER - 4"X12" GREEN/BROWN CERAMIC TRESHHOLD	Brown/Green Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-42 *262511569-0042*	SHOWER - 4"X12" GREEN/BROWN CERAMIC TRESHHOLD	Brown/Green Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-43 *262511569-0043*	SHOWER - ASSOCIATED MORTAR	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-44 *262511569-0044*	SHOWER - ASSOCIATED MORTAR	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-45 *262511569-0045*	SHOWER - ASSOCIATED MORTAR	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120325-46 *262511569-0046*	INTERIOR OF GARAGE - GRAY/BLACK PAPER SIDING	Gray/Black Fibrous Homogeneous	60% Cellulose 5% Glass	35% Non-fibrous (Other)	None Detected

Initial report from: 12/08/2025 12:50:57

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4140 Litt Drive Hillside, IL 60162
Tel/Fax: (773) 313-0099 / (773) 313-0139
http://www.EMSL.com / chicagolab@emsl.com

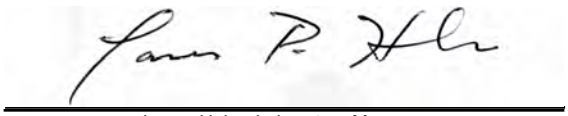
EMSL Order:	262511569
Customer ID:	CARN81
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Project ID:	

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
JE120325-47 *262511569-0047*	INTERIOR OF GARAGE - GRAY/BLACK PAPER SIDING	Gray/Black Fibrous Homogeneous	60% Cellulose 5% Glass	35% Non-fibrous (Other)	None Detected
JE120325-48 *262511569-0048*	INTERIOR OF GARAGE - GRAY/BLACK PAPER SIDING	Gray/Black Fibrous Homogeneous	60% Cellulose 5% Glass	35% Non-fibrous (Other)	None Detected

Analyst(s)

Emily Weslow (18)
Mazen Elkhatib (36)



James Hahn, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 “Interim Method”) but augmented with procedures outlined in the 1993 (”final”) version of the method. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc. Hillside, IL NVLAP Lab Code 200399-0

Initial report from: 12/08/2025 12:50:57

Lead Based Paint XRF Data Sheet

Client: Tetra Tech Building Address: 15305 Myrtle Avenue City: Harvey Inspection Date: 12/3/2025

Area Description: Apartments State: IL Inspector: Cares Bailey License #: 1003166

XRF Serial #: 2295 XRF Instrument: Viken Detection Pb200e XRF Unit /File #: Inspector's Signature:

XRF Test Shot #	Test Location	Component	Substrate	Color	Condition Assessment Deterioration Present?	Estimated Damage	XRF Reading mg/cm^2	Classification P=Positive ≥1.0 N=Negative <1.0
20	15305 – Living Room	West Wall	Drywall	Tan	Y N		0.1	P N
21	15305 – Living Room	West Wall Baseboard	Wood	White	Y N		0.2	P N
22	15305 – Living Room	East Wall	Drywall	Green	Y N		0.1	P N
23	15305 – Front Entrance	Door Frame	Wood	White	Y N		**0.0**	P N
24	15305 – Front Entrance	Door Jamb	Wood	White	Y N		0.0	P N
25	15305 – Front Entrance	Door	Metal	White	Y N		0.2	P N
26	15305 – Living Room	Windowsill	Wood	White	Y N		0.0	P N
27	15305 – Living Room	Window Frame	Wood	White	Y N		0.0	P N
28	15305 – Bathroom	Wall	Drywall	Yellow	Y N		0.2	P N
29	15305 – Bathroom	Door Jamb	Wood	White	Y N		0.1	P N
30	15305 – Bathroom	Door Jamb	Wood	White	Y N		0.2	P N
31	15305 – Bathroom	Door	Wood	White	Y N		0.1	P N
32	15305 – Bedroom	North Wall Baseboard	Wood	White	Y N		0.1	P N
33	15305 – Bedroom	Windowsill	Wood	White	Y N		0.1	P N
34	15305 – Bedroom	Window Frame	Wood	White	Y N		0.1	P N
35	15305 – Bedroom	Closet Door	Wood	White	Y N		0.1	P N
36	15305 – Bedroom	Closet Door Frame	Wood	White	Y N		0.1	P N
37	15305 – Back Bedroom	Ceiling	Drywall	Gray	Y N		0.1	P N
38	15305 – Back Bedroom	West Wall	Drywall	Gray	Y N		0.1	P N
39	15305 – Back Bedroom	West Wall Baseboard	Wood	Gray	Y N		0.0	P N
40	15305 – Basement	Stair Tread	Wood	Gray	Y N		0.2	P N
41	**15305 – Basement**	**Stairway South Wall**	**Plaster**	**White**	**Y N**		**1.4**	**P N**
42	**15305 – Basement**	**Stairway North Wall**	**Plaster**	**White**	**Y N**		**1.7**	**P N**
43	15305 – Basement	South Wall	Brick	White	Y N		0.3	P N
44	15305 – Basement	Pilar	Wood	White	Y N		0.1	P N

CARNOW CONIBEAR

Lead Based Paint XRF Data Sheet

Client: Tetra Tech | Building Address: 15305 Myrtle Avenue | City: Harvey | Inspection Date: 12/3/2025

Area Description: Apartments | State: IL | Inspector: Cares Bailey | License #: 1003166

XRF Serial #: 2295 | XRF Instrument: Viken Detection Pb200e | XRF Unit /File #: | Inspector's Signature:

XRF Test Shot #	Test Location	Component	Substrate	Color	Condition Assessment Deterioration Present?	Estimated Damage	XRF Reading mg/cm^2	Classification P=Positive ≥1.0 N=Negative <1.0
45	15305 – Basement	Headers	Wood	White	Y N		0.0	P N
46	**15305 – Basement**	**Windowsill**	**Wood**	**Green**	**Y N**		**10.5**	**P N**
47	**15305 – Basement**	**Window Frame**	**Wood**	**White**	**Y N**		**3.0**	**P N**
48	15305 – Basement Room	East Wall	Wood	Pink	Y N		0.1	P N
49	15305 – Basement Room	West Wall	Brick	Pink	Y N		0.2	P N
50	15305 – Basement Room	Wast Wall	Wood	Green	Y N		0.1	P N
51	**15305 – Basement Room**	**Windowsill**	**Wood**	**Pink**	**Y N**		**1.1**	**P N**
52	**15305 – Basement Room**	**Window Frame**	**Wood**	**Pink**	**Y N**		**7.4**	**P N**
53	15301 – Exterior Garage	Siding	Vinyl	White	Y N		0.1	P N
54	15301 – Exterior Garage	Door Frame	Wood	White	Y N		0.1	P N
55	15301 – Exterior Garage	Side Door	Metal	Metal	Y N		0.2	P N
56	15301 – Exterior Garage	Window Frame	Wood	White	Y N		0.0	P N
57	**15301 – Exterior Front Porch**	**Column**	**Wood**	**White**	**Y N**		**3.3**	**P N**
58	15301 – Exterior Front Porch	Stair Tread	Wood	Red	Y N		0.1	P N
59	15301 – Exterior Front Porch	Stair Rail	Wood	Red	Y N		0.1	P N

CARNOW CONIBEAR

APPENDIX C

Lead-Based Paint Laboratory Report and Chain of Custody Documentation

OrderID: 262511569

262511569

Carnow, Conibear & Assoc., Ltd.
Environmental Consulting Services
600 West Van Buren St., Suite 500, Chicago, IL 60607
T 312.782.4499 f: 312.782.5145
www.ccaltd.com

CHAIN OF CUSTODY RECORD
PLM ASBESTOS

CARNOW CONIBEAR

Client: Tetra Tech
Street Address: 15305 S. Myrtle Drive
City, State, Zip: Harvey, IL
Date: 2-3-2025
Turn Around: 2-Day

Project #: A1634440003
Project Name:
Project Location: Residence
Project Manager: Dylan Gerhart
Inspector: Jose Escobedo

SAMPLE ID / NUMBER:	SAMPLE DESCRIPTION / LOCATION	
TE120325-01	Vinyl Countertop	Kitchen
02		
03		
04	ASSOC. Adhesive	
05		
06		
07	linoleum Shelf. cover	Basement
08		
09		
10	Wall Plaster	StairWell
11		Kitchen
12		Basement
13	DryWall - wall	Bathroom
14	ceiling	
15	Wall	Kitchen
16	Floating FLR. Gray	Bedroom
17		
18		
19	Brown	Livingroom
20		
21		
22	Duct Seam Tape	Basement Ducts
23		
24		

Comments:
Please email results to dgerhart@ccaltd.com; jescobedo@ccaltd.com
Relinquished By / Date / Time: Jose Escobedo
Received By / Date / Time:
Relinquished By / Date / Time:
Received By / Date / Time: KGB - 12/4/25 3:08 PM WT

OrderID: 262511569

-1569

Carnow, Conibear & Assoc., Ltd.
Environmental Consulting Services
600 West Van Buren St. Suite 500, Chicago, IL 60607
T 312.782 4488 f 312 782 5145
www.ccaltd.com

CHAIN OF CUSTODY RECORD
PLM ASBESTOS

CARNOW CONIBEAR

Client: Tetra Tech
Street Address: 15305 S. Myrtle Dr.
City, State, Zip: Harvey, IL
Date: 12-3-2025
Turn Around: 2-Day

Project #: A163440003
Project Name:
Project Location: Residence
Project Manager: Dylan Gerhart
Inspector: Jose Escobedo

SAMPLE ID / NUMBER:	SAMPLE DESCRIPTION / LOCATION	
IE120325-25	12"X12" ceiling Tile	livingroom Closet
26		
27		
28	Chimney Cement Patch	Basement
29		
30		
31	Chimney Mortar	
32		
33		
34	12"X12" Beige ceramic F/B Tile	Kitchen
35		Bathroom
36	Wall	Shower
37	Associated Mortar	Kitchen
38		Bathroom
39		Shower
40	4"X12" Green/Brown ceramic Treshhold	
41		
42		
43	Associated mortar	
44		
45		
46	Gray/Black Paper Siding	Interior OF Garage
47		
48		

Comments: Please email results to dgerhart@ccaltd.com/jescobedo@ccaltd.com.
Relinquished By / Date / Time: Jose Escobedo
Received By / Date / Time:
Relinquished By / Date / Time:
Received By / Date / Time: 12/4/25 3:08 PM WJ

Carnow, Conibear & Assoc., Ltd.
Environmental Consulting Services
600 W. Van Buren St., Suite 500, Chicago, IL 60607
t: 312.782.4486 f: 312.782.5145
www.ccltd.com

CARNOW CONIBEAR

XRF CALIBRATION CHECK TEST RESULTS

Client: Tetra Tech Date: 12/3/25

Address: 1 S Wacker Dr #3700, Chicago, IL 606606

XRF Serial #: 2239

XRF Instrument: Vilcen Detection Pb 200e

Inspector/License #: Cares Bailey 1003166

XRF Unit File #:

Calibration Check Tolerance Used: +/- 0.2 mg/cm² on 1. mg/cm² / Standard

Time Corrected Mode – Duration of Test is seconds long

CALIBRATION CHECK (Bare Wood)

Calibration Time	1st Reading	2nd Reading	3rd Reading	Average Reading	Difference From Average & 0.0 mg/cm²	Acceptable Yes/No
8:53am	0.1	0.1	0.0	0.04		Yes

CALIBRATION CHECK (Painted)

Calibration Time	1st Reading	2nd Reading	3rd Reading	Average Reading	Difference Between Average & 0.0 mg/cm²	Acceptable Yes/No
8:54am	1.0	0.9	1.1	1.0		Yes

CALIBRATION CHECK (Painted)

Calibration Time	1st Reading	2nd Reading	3rd Reading	Average Reading	Difference Between Average & 0.0 mg/cm²	Acceptable Yes/No
2:00pm	1.0	1.0	0.9	0.97		Yes

CALIBRATION CHECK ( )

Calibration Time	1st Reading	2nd Reading	3rd Reading	Average Reading	Difference Between Average & 0.0 mg/cm²	Acceptable Yes/No

APPENDIX D

Photographic Documentation



Photo 1 – Wall Plaster Texture (ACM)

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Environmental Consulting Services
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t: 312.782.4486 f: 312.782.5145
www.ccaltd.com

CARNOW CONIBEAR

Pre-Demolition Asbestos-Containing Material, Lead-Based Paint, and Hazardous Materials Survey Report

Site: **15307 S. Myrtle Avenue**
Harvey, IL 60426

Survey Date: **December 5, 2025**
Project No.: **A163440003**



Prepared For: Tetra Tech, Inc.

Issue Date: December, 2025
Carnow Conibear Project Number: A163440003

Carnow, Conibear & Assoc., Ltd.
Environmental Consulting Services
600 West Van Buren St., Suite 500, Chicago, IL 60607
t: 312.782.4486 f: 312.782.5145
www.ccaltd.com

CARNOW CONIBEAR

Pre-Demolition Asbestos-Containing Material, Lead-Based Paint, and Hazardous Materials Survey Report

Site: **15307 S. Myrtle Avenue**
Harvey, IL 60426

Survey Date: **December 5, 2025**
Project No.: **A163440003**

Field Work By:

Jose Escobedo
Asbestos Building Inspector

Field Work By:

Daeja Purnell
Lead Risk Assessor

Report Prepared By: Denise Vargas

Denise Vargas
Industrial Hygiene Technician

Report Reviewed By:

Dylan Gerhart, P.E., C.I.H., C.S.P.
Senior Project Engineer

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CARNOW CONIBEAR

1.0 EXECUTIVE SUMMARY

Carnow, Conibear & Assoc., Ltd. (Carnow Conibear) was retained by Tetra Tech, Inc. (Tetra Tech) to perform a Pre-Demolition survey for asbestos-containing materials, lead-based paint, and hazardous materials at the residential property located at 15307 S. Myrtle Avenue in Harvey, Illinois. The overall purpose of the survey was to provide required abatement information in anticipation of demolition of onsite structures.

Asbestos-Containing Materials

The asbestos survey was conducted in phases. The first phase involved a visual inspection of unoccupied rooms to identify accessible suspect asbestos-containing materials. The next phase included collecting representative samples from these accessible suspect materials, followed by laboratory analysis to determine the presence of asbestos. The samples were analyzed by an accredited laboratory.

Lead-Based Paint

The objective of the lead-based paint survey was to identify painted building components thought to be impacted to determine the existence, condition, and location of lead-based paint as defined by HUD.

Hazardous Materials

The hazardous materials survey consisted of visually inspecting the subject site to determine the presence and location of polychlorinated-biphenyl (PCB) containing equipment and materials (lighting ballasts), and mercury-containing equipment and materials (Fluorescent Bulbs, Safety Switches, Switch Boards and Exit Signs), radioactive material-containing units (Carbon monoxide detector) and other hazardous chemical wastes, including chlorofluorocarbon (CFCs) containing units. Sampling was not part of the scope of work of the survey. Assumptions about the presence of these hazardous materials are based on historical usage.

2.0 INTRODUCTION

Carnow, Conibear & Assoc., Ltd. (Carnow Conibear) was retained by Tetra Tech to perform a Pre-Demolition survey for asbestos-containing materials, lead-based paint, and hazardous materials at the residential property located at 15307 S. Myrtle Avenue in Harvey, Illinois. The survey was conducted on December 5, 2025, by Carnow Conibear representatives Mr. Jose Escobedo and Ms. Daeja Parnell. Mr. Escobedo is an Illinois Department of Public Health (IDPH) licensed Asbestos Building Inspector and lead inspector/risk assessor. See **Appendix A** for copies of the inspector's current licenses and accreditations.

2.1 Objectives

2.1.1 Asbestos-Containing Material Survey

The purpose of the asbestos survey was to identify the location of accessible asbestos-containing materials (ACM). To achieve this purpose, the following procedures were performed:

- Visual Inspection – to determine the location of suspect materials.
- Sample Collection – to determine asbestos content and material condition
- Laboratory Analysis – analysis of samples by an accredited laboratory.
- Reporting – to prepare a summary report documenting the inspection findings and providing recommendations as warranted.

2.1.2 Lead-Based Paint Survey

The objective of the lead-based paint survey was to identify painted building components through to be impacted to determine the existence, condition, and location of lead-based paint as defined by HUD. To achieve this objective, the following procedures were performed:

- Visual Inspection - to determine location of painted surfaces
- Sampling – lead-based paint sampling to determine the presence of these constituents
- Reporting – to prepare a summary report documenting the inspection findings.

2.2.3 Hazardous Materials Survey

The objective of the hazardous material survey was to determine the presence of PCB's, mercury containing equipment, radiological equipment, medical waste, and any other chemicals that could present health hazards to site workers and/or require special disposal. To achieve this objective, the following procedures were performed:

- Visual Inspection – to determine the presence, quantity, and location.
- Reporting – to prepare a summary documenting the inspection findings and providing recommendations as warranted.

The quantities provided in this report only represent the materials found on the day of the survey. Additional chemicals and equipment may have been brought onto the property after the date of the survey or consumed and/or disposed prior to the report issue date.

3.0 SITE INSPECTION

3.1 Asbestos-Containing Material Survey

3.1.1 Historical Document Review

No asbestos-related documents were provided for review to gain an understanding of previous asbestos activities.

3.1.2 Asbestos Survey Methodology

The asbestos survey was conducted in phases. The first phase of the survey included a walkthrough inspection of the subject site to identify homogeneous materials (materials which are uniform in composition throughout) and to assess material conditions. The next phase consisted of collecting representative bulk samples from the suspected asbestos-containing materials. Materials may have been assumed to contain asbestos due to inaccessibility of the room or area where the materials were located or sampling of the material would damage or compromise the integrity of the building component and may render it inoperable.

3.1.3 Suspect Asbestos-Containing Material Sample Collection

Carnow Conibear collected a total of seventy-two (72) samples from the suspected asbestos-containing materials. All bulk samples were collected based on methods described in USEPA guidelines. The samples were collected and stored in sample bags with a unique sample identification number prior to delivery to EMSL Analytical, Inc. (EMSL) in Hillside, Illinois for analysis. A chain of custody (COC) form was signed and dated by the inspector, the delivering representative, and the laboratory representative who received the samples.

3.1.4 Asbestos Sample Analysis

The samples collected during the field activities were submitted to EMSL for laboratory analysis. EMSL is accredited for bulk asbestos fiber analysis by the National Voluntary Laboratory Accreditation Program (NVLAP) through the National Institute of Standards and Technology (NIST). EMSL utilized dispersion staining and polarized light microscopy (PLM) techniques for analyzing the samples consistent with National Institute for Occupational Safety and Health (NIOSH) methods. PLM is the EPA's recognized method for determining bulk asbestos content. See **Appendix B** for the bulk sample laboratory report and chain of custody documentation. Photographs are contained in **Appendix D**.

Tables I and II present a summary of the results of the bulk sample analysis and material locations.

Table I: Summary of Asbestos-Containing Materials Survey Results
Polarized Light Microscopy

SAMPLE ID	MATERIAL DESCRIPTION	MATERIAL LOCATION	LABORATORY RESULT (PLM)	ESTIMATED QUANTITY	FRIABLE OR NON-FRIABLE	NESHAP TYPE
JE120525-01 thru 03	12” x 12” Vinyl Floor Tile Brown	2nd Floor Kitchen	No Asbestos Detected	NA	NA	NA
JE120525-04 thru 06	12”x12” Vinyl Floor Tile Green	2nd Floor Kitchen	No Asbestos Detected	NA	NA	NA
JE120525-07 thru 09	12” x 12” Vinyl Floor Tile Beige	2nd Floor Kitchen	No Asbestos Detected	NA	NA	NA
JE120525-10 thru 12	Associated Adhesive	2nd Floor Kitchen	No Asbestos Detected	NA	NA	NA
JE120525-13 thru 15	Associated Adhesive	2nd Floor Kitchen	No Asbestos Detected	NA	NA	NA
JE120525-16 thru 18	Associated Adhesive	2nd Floor Kitchen	No Asbestos Detected	NA	NA	NA
JE120525-19	Plaster	2nd Floor Living Room	No Asbestos Detected	NA	NA	NA
JE120525-20	Plaster	2nd Floor Kitchen	No Asbestos Detected	NA	NA	NA
JE120525-21	Plaster	1st Floor Living Room	No Asbestos Detected	NA	NA	NA
JE120525-22 thru 23	Ceramic Floor Tile	2nd Floor Fireplace	No Asbestos Detected	NA	NA	NA
JE120525-24	Ceramic Floor Tile	1st Floor Fireplace	No Asbestos Detected	NA	NA	NA
JE120525-25 thru 26	Grout	2nd Floor Fireplace	No Asbestos Detected	NA	NA	NA
JE120525-27	Grout	1st Floor Fireplace	No Asbestos Detected	NA	NA	NA
JE120525-28 thru 29	Mortar	2nd Floor Fireplace	No Asbestos Detected	NA	NA	NA
JE120525-30	Mortar	1st Floor Fireplace	No Asbestos Detected	NA	NA	NA
JE120525-31 thru 33	12”x12” Vinyl Floor Tile Brown	1st Floor Toilet	No Asbestos Detected	NA	NA	NA
JE120525-34 thru 36	Associated Adhesive	1st Floor Toilet	No Asbestos Detected	NA	NA	NA
JE120525-37 thru 39	12”x12” Vinyl Floor Tile Brown and Diamond Green Associated Adhesive Ceramic Floor Tile White	1st Floor Toilet	No Asbestos Detected	NA	NA	NA
		1st Floor Toilet	No Asbestos Detected			
JE120525-40 thru 42		2nd Floor Toilet	No Asbestos Detected			
JE120525-43 thru 45			No Asbestos Detected			
JE120525-46 thru 48	Grout	2nd Floor Toilet	No Asbestos Detected	NA	NA	NA
JE120525-49 thru 51	Mortar	2nd Floor Toilet	No Asbestos Detected	NA	NA	NA
JE120525-52 thru 53	Brick Mortar	2nd Floor Fireplace	No Asbestos Detected	NA	NA	NA
JE120525-54	Brick Mortar	1st Floor Fireplace	No Asbestos Detected	NA	NA	NA
JE120525-55 thru 57	4”x4” Ceramic Wall Tile	2nd Floor	No Asbestos Detected	NA	NA	NA
JE120525-58 thru 60	Grout	2nd Floor	No Asbestos Detected	NA	NA	NA

Table I: Summary of Asbestos-Containing Materials Survey Results
Polarized Light Microscopy

SAMPLE ID	MATERIAL DESCRIPTION	MATERIAL LOCATION	LABORATORY RESULT (PLM)	ESTIMATED QUANTITY	FRIABLE OR NON-FRIABLE	NESHAP TYPE
JE120525-61 thru 63	Mortar	2nd Floor	No Asbestos Detected	NA	NA	NA
JE120525-64 thru 66	Stair Tread	Basement Stairs	No Asbestos Detected	NA	NA	NA
JE120525-67 thru 69	Associated Adhesive	Basement Stairs	No Asbestos Detected	NA	NA	NA
JE120525-70 thru 72	**Canvas Duct Paper**	**Basement**	**30% Chrysotile**	**1 SF**	**Non-Friable**	**CAT I**
Inaccessible	**Roof and Roofing Materials**	**Roof**	**Assumed**	**1,500 SF**	**Non-Friable**	**CAT I**

IDPH and EPA define an asbestos-containing material (ACM) as any material containing greater than one percent (>1%) asbestos. Locations and quantities are provided for reference only. Estimated quantities should not be used for bidding purposes. Abatement contractor must field verify estimated quantities. Materials may exist in other areas not noted. **Bold** indicates asbestos-containing material.

Category I nonfriable asbestos-containing material (ACM) means asbestos-containing packings, gaskets, resilient floor covering, and asphalt roofing products containing more than one percent asbestos as determined using the Polarized Light Microscopy method.

Category II nonfriable ACM means any material, exc1uding Category I nonfriable ACM, containing more than one percent asbestos as determined using the Polarized Light Microscopy method

Friable means when dry, a material cannot be crumbled, pulverized, or reduced to powder by hand pressure.

Table II: Summary of Asbestos-Containing Materials Survey Results
Transmission Electron Microscopy

SAMPLE ID	MATERIAL DESCRIPTION	MATERIAL LOCATION	LABORATORY RESULT (TEM)	COMMENTS
JE120525-01	12”x12” Vinyl Floor Tile Brown	2nd Floor Kitchen	No Asbestos Detected	
JE120525-04	12”x12” Vinyl Floor Tile	2nd Floor Kitchen	No Asbestos Detected	
JE120525-07	12”x12” Vinyl Floor Tile Beige	2nd Floor Kitchen	No Asbestos Detected	
JE120525-31	12”x12” Vinyl Floor Tile Brown	1st Floor Toilet	No Asbestos Detected	
JE120525-37	12”x12” Vinyl Floor Tile Brown and Diamond Green	1st Floor Toilet	No Asbestos Detected	

3.2 Lead-Based Paint Survey

Lead is a heavy metal that can cause health effects from human exposure. Lead is commonly found in industrial paints and coatings. However, beginning in 1978, lead use in consumer paints was restricted. In particular, the U.S. Consumer Products Safety Commission restricted the amount of lead to no more than 0.06 per cent by weight. This value is equivalent to 600 parts per million (ppm) of lead. *Lead-based paint* is defined by the US Department of Housing and Urban Development (HUD) as paint or other surface coatings that contain lead equal to or greater than 5000 parts per million (ppm), 5000 milligrams per Kilogram (mg/Kg), or 0.5 percent by weight. Surface coatings include paint, shellac, varnish, or any other coating, including wallpaper which covers painted surfaces.

3.2.1 Suspect Lead-Based Paint Sample Collection

The lead-based paint survey consisted of visually inspecting the painted survey areas to determine representative paint histories and to collect random samples utilizing an X-ray fluorescence (XRF) spectrum analyzer. The lead-based paint testing was limited to major building components and locations with damaged or peeling paint only. Sampling of suspect lead-based paint (LBP) components and/or surfaces was conducted following the U.S. Department of Housing and Urban Development (HUD) guidelines of June 1995 for single family housing, Chapter 7, Lead Based Paint Inspection, 2012 Revision, and the EPA and HUD's Performance Characteristics Sheet for the RMD LPA-1 XRF lead paint analysis system. There may be materials that were not identified, because they were located in inaccessible areas and not available at the time of inspection.

Table III identifies the lead painted components and/or surfaces as defined by HUD. See Appendix C for a complete testing log of all XRF measurements collected for this survey.

3.2.2 Lead-Based Paint Survey Methodology

Sampling of visible and accessible suspect lead-based painted components and/or surfaces was conducted following protocol similar to the U.S. Department of Housing and Urban Development (HUD) guidelines of June 1995 for single family housing, Chapter 7: Lead-Based Paint Inspection 2012 Revision. These guidelines apply to residential properties. The lead-based paint testing was limited to major building components and locations with damaged or peeling paint only. There may be materials that were not identified, because they were located in inaccessible areas and not available at the time of inspection.

The inspector categorized components in poor condition if the paint damage was greater than three square feet (3 ft^2). Components were categorized in fair condition when paint damage was less than three square feet (3 ft^2). Components in an intact condition represent no visible paint damage. Visual assessments noting the condition of suspect materials described in this report are representative of those conditions present at the time of the survey.

Table III identifies the lead painted components and/or surfaces which were included in the survey scope. See **Appendix C** for the laboratory report and chain of custody record for the samples collected for this survey.

Table III: Summary of Confirmed Lead-Based Paint Survey Results

MATERIAL LOCATION	COMPONENT	SUBSTRATE	COLOR	RESULT (mg/cm^2)
East Exterior	Upper Wall	Wood	White	3.4
East Exterior	Stair Post	Wood	White	4.2
East Exterior	Stair Riser	Wood	White	3.6
West Garage Exterior	Wall	Wood	White	5.3
2nd Floor, Living Room 2	North Wall	Plaster	White	3.2

Table III: Summary of Confirmed Lead-Based Paint Survey Results

MATERIAL LOCATION	COMPONENT	SUBSTRATE	COLOR	RESULT (mg/cm^2)
2nd Floor, Living Room 2	East Wall	Plaster	White	4.6
2nd Floor, Living Room 2	South Wall	Plaster	White	7.6
2nd Floor, Living Room 2	West Wall	Plaster	White	5.7
2nd Floor, Bedroom 3	West Wall	Plaster	White	3.5
2nd Floor, Bedroom 4	North Wall	Plaster	White	3.2
2nd Floor, Bedroom 4	East Wall	Plaster	White	2.2
2nd Floor, Bedroom 4	South Wall	Plaster	White	2.2
2nd Floor, Bedroom 4	West Wall	Plaster	White	2.8
2nd Floor, Bedroom 4 Closet	North Wall	Plaster	White	2.7
2nd Floor, Bedroom 4 Closet	East Wall	Plaster	White	1.8
2nd Floor, Bedroom 4 Closet	South Wall	Plaster	White	5.1
2nd Floor, Bedroom 4 Closet	West Wall	Plaster	White	1.8
2nd Floor, Den 2	North Wall	Plaster	White	1.4
2nd Floor, Den 2	East Wall	Plaster	White	2.0
2nd Floor, Den 2	South Wall	Plaster	White	1.4
2nd Floor, Den 2	West Wall	Plaster	White	1.5
2nd Floor, Bathroom 2	North Wall	Plaster	White	2.1
2nd Floor, Bathroom 2	East Wall	Plaster	White	3.2
2nd Floor, Bathroom 2	South Wall	Plaster	White	3.1
2nd Floor, Bathroom 2	West Wall	Plaster	White	1.4
2nd Floor, Bathroom 2	North Chair Rail	Wood	White	2.4
2nd Floor, Hallway near Bathroom	East Wall	Plaster	White	2.1
2nd Floor, Hallway near Bathroom	South Wall	Plaster	White	1.4
2nd Floor, Hallway near Bathroom	West Wall	Plaster	White	1.6
2nd Floor, Room 5	North Wall	Plaster	White	5.4
2nd Floor, Room 5	East Wall	Plaster	White	4.6

Table III: Summary of Confirmed Lead-Based Paint Survey Results

MATERIAL LOCATION	COMPONENT	SUBSTRATE	COLOR	RESULT (mg/cm^2)
2nd Floor, Room 5	South Wall	Plaster	White	3.2
2nd Floor, Room 5	West Wall	Plaster	White	1.4
2nd Floor, Room 5	East Chair Rail	Wood	White	2.6
2nd Floor, Room 5	East Windowsill	Wood	White	3.4
2nd Floor, Room 5	East Window Casing	Wood	White	4.2
2nd Floor, Room 5	South Door	Wood	White	3.6
2nd Floor, Room 5	South Door Frame	Wood	White	1.2
2nd Floor, Room 5	South Baseboard	Wood	White	1.7
1st Floor, Entryway	North Wall	Plaster	White	4.2
1st Floor, Entryway	South Wall	Plaster	White	1.4
1st Floor, Entryway	West Wall	Plaster	White	2.9
1st Floor, Living Room 1	North Wall	Plaster	White	1.6
1st Floor, Living Room 1	East Wall	Plaster	White	3.2
1st Floor, Living Room 1	South Wall	Plaster	White	4.3
1st Floor, Living Room 1	West Wall	Plaster	White	5.1
1st Floor, Hallway by Living Room 1	North Wall	Plaster	White	2.6
1st Floor, Hallway by Living Room 1	South Wall	Plaster	White	2.0
1st Floor, Den 2	North Wall	Plaster	White	4.7
1st Floor, Den 2	East Wall	Plaster	White	2.1
1st Floor, Den 2	South Wall	Plaster	White	1.7
1st Floor, Den 2	West Wall	Plaster	White	2.2
1st Floor, Den 2	East Door	Wood	White	3.2
1st Floor, Bedroom 1	North Wall	Plaster	White	1.2
1st Floor, Bedroom 1	East Wall	Plaster	White	2.0
1st Floor, Bedroom 1	South Wall	Plaster	White	4.6
1st Floor, Bedroom 1	West Wall	Plaster	White	1.3

Table III: Summary of Confirmed Lead-Based Paint Survey Results

MATERIAL LOCATION	COMPONENT	SUBSTRATE	COLOR	RESULT (mg/cm^2)
1st Floor, Bedroom 1	South Windowsill	Wood	White	1.2
1st Floor, Hallway by Bathroom 1	East Wall	Plaster	White	2.6
1st Floor, Hallway by Bathroom 1	West Wall	Plaster	White	1.3
1st Floor, Bedroom 2	North Wall	Plaster	White	4.2
1st Floor, Bedroom 2	East Wall	Plaster	White	1.6
1st Floor, Bedroom 2	South Wall	Plaster	White	7.3
1st Floor, Bedroom 2	West Wall	Plaster	White	2.1
1st Floor, Bedroom 2	South Windowsill	Wood	White	1.7
1st Floor, Bathroom 1	North Upper Wall	Plaster	White	3.4
1st Floor, Bathroom 1	East Wall	Plaster	White	2.2
1st Floor, Bathroom 1	South Wall	Plaster	White	1.7
1st Floor, Bathroom 1	West Wall	Plaster	White	3.2
1st Floor, Kitchen	North Wall	Plaster	White	4.2
1st Floor, Kitchen	East Wall	Plaster	White	3.6
1st Floor, Kitchen	South Wall	Plaster	White	5.9
1st Floor, Kitchen	West Wall	Plaster	White	1.2
1st Floor, Kitchen	East Chair Rail	Wood	White	4.4
1st Floor, Kitchen	East Windowsill	Wood	White	3.2
1st Floor, Kitchen	South Door	Wood	White	5.2
1st Floor, Kitchen	South Door Frame	Wood	White	1.5

Painted surfaces which indicate a concentration of $\geq$1.0 milligram per centimeter squared (mg/cm^2) of surface area are considered to be lead-based paint as defined by HUD.

3.3 Hazardous Materials Survey

3.3.1 Hazardous Material Survey

The survey consisted of a visual inspection to determine the location and quantity of hazardous and potentially hazardous materials that may require special disposal considerations. The entire subject property was vacant and there were no access restrictions.

3.3.2 Hazardous Material Survey Methodology

Table IV identifies the materials found in this building and approximate quantities of the materials. The hazardous material survey consisted of visually inspecting the subject property to determine the presence and location of polychlorinated-biphenyl (PCB) containing equipment and materials (lighting ballasts), and mercury-containing equipment and materials (Fluorescent Bulbs, Safety Switches, Switch Boards and Exit Signs), and other potentially hazardous chemicals found within the building. Sampling and analysis of PCBs, mercury, etc., was not part of the scope of work of the survey. Materials were classified as hazardous based on historical usage. Hazardous materials identified during the survey are summarized in **Table IV**.

Table IV: Summary of Hazardous Material Survey Results

Category	Item	Quantity	Units	Location	Comment
Mercury	Switches	42	Each	1st FL, 2nd FL, Basement	
	Thermostats	2	Each	1st and 2nd Floor	
	Outlets	45	Each	1st FL, 2nd FL, Basement	
Chemicals	Cleaning Chemicals	45	Each	1st FL, 2nd FL, Basement	
	Fire Extinguishers	2	Each	1st FL and Basement	
	Gas Cylinders	2	Each	Garage	
	Unknown Chemicals	5	Each	Basement	
Large Equipment	Refrigerators	2	Each	1st and 2nd FL	
	Water Heater	1	Each	Basement	
Recyclable/Universal Waste	Circuit Panel/Fuse Boxes	1	Each	Basement	
	Furnace	1	Each	Basement	
	Light Bulbs	46	Each	1st FL, 2nd FL, Basement	
Other	Smoke Detectors	7	Each	1st FL, 2nd FL, Basement	
	Stoves	2	Each	1st FL and 2nd FL	

4.0 CONCLUSIONS AND RECOMMENDATIONS

Carnow Conibear was retained by Tetra Tech to perform a survey for asbestos-containing material, lead-based paint, and hazardous materials at the residential property located at 15307 S. Myrtle Avenue in Harvey, Illinois.

Based on the survey results, Carnow Conibear offers the following conclusions and recommendations:

- Results of the asbestos-containing material survey confirm that asbestos-containing materials were identified at the subject site.
- Any newly discovered materials should be assumed to contain asbestos or must be sampled prior to any future demolition work.
- Results of the lead-based paint survey confirm that lead-based paint as defined by HUD was identified at the subject site. OSHA regulation 1926.62 Lead in Construction, must be followed if lead is disturbed during demolition activities producing airborne exposures above the Permissible Exposure Limit (PEL). The PEL is an airborne limit independent of the concentration of lead in the disturbed material.
- Incorporate the data from this report into future demolition documents regarding the presence of asbestos-containing materials, lead-based paint, and hazardous materials, as applicable.
- All future hazardous material removal and/or demolition work shall be conducted by a licensed contractor in accordance with all applicable local, state, and federal regulations.
- Prior to demolition; remove, dispose, and/or recycle all regulated universal, special and/or hazardous waste materials as identified in this report.
- Incorporate the data from this report into future demolition documents.
- Document all environmental work activities and retain records.

Carnow Conibear has applied prevailing industry standards and reasonable judgment and effort within the scope of work outlined in Carnow Conibear's proposal, while conducting the asbestos-containing material and lead-based paint survey. The standards, judgment, and effort used by Carnow Conibear personnel to investigate, assess, and determine the presence of potential environmental hazards and liabilities associated with the subject building are consistent with requirements outlined in federal and state guidelines. Carnow Conibear makes no warranty, express or implied, that the findings and interpretations in this report are a complete representation of hazards and liabilities, associated with the building. Findings presented in this report are only indicative of conditions present during the time of the investigation and cannot be used to predict potential future or previous health effects on building occupants. The services performed by Carnow Conibear on this project have been conducted in a professional manner consistent with industry standards at the time of testing. There may be materials that were not identified, because they were located in inaccessible areas and not available at the time of inspection. Carnow Conibear made every reasonable effort to locate mechanical systems and other inconspicuous materials.

The information contained in this report was prepared based upon specific test parameters requested by the Client. and regulations in force at the time of the report. The information herein is only for the specific use of the Client and Carnow Conibear. Carnow Conibear accepts no responsibility for the use, reuse, interpretation, or reliance by other parties on the information contained herein, unless written authorization has been obtained from Carnow Conibear. Carnow Conibear bears no responsibility for the implementation of recommendations included in this report unless specifically requested to do so by the Client

APPENDICES

Appendix A Current License and Certifications
Appendix B Asbestos Laboratory Report and Chain of Custody Documentation
Appendix C Lead Based Paint XRF Data Sheet
Appendix D Photographic Documentation

APPENDIX A

Current Licenses and Certifications

IDPH
ILLINOIS DEPARTMENT OF PUBLIC HEALTH

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

4/9/2025

LICENSE NUMBER: 1003873
Dae'Ja J Purnell
18720 Springfield Ave
Flossmoor, IL 60422

LICENSE APPROVED

IDPH recently received and reviewed your application for lead licensure. Your qualifications have been reviewed and found that you meet the requirements set forth by the Lead Poisoning Prevention Code, Section 845.125. Therefore, your application for lead licensure is now complete. Enclosed please find your lead license card. Please have this identification card with you at all times while conducting lead abatement activities.

IDPH has updated its 7 – Day Notice of Commencement effective immediately. The revised document can be identified by its 9/16 revision date on the bottom left corner. Please discontinue using the old form and begin using the new form as soon as possible. The revised form is located in the same web address that the old form was located (http://www.dph.illinois.gov/sites/default/files/forms/7-day-notice-leadabatement-mitigation-project-091916.pdf).



ILLINOIS DEPARTMENT OF PUBLIC HEALTH

IDPH

LEAD INSPECTOR LICENSE

LEAD ID	ISSUED	EXPIRES
1003873	10/6/2025	1/31/2026



Dae'Ja J Purnell
18720 Springfield Ave
Flossmoor, IL 60422

ILLINOIS LEAD PROGRAM
Environmental Health

Alteration of this license shall result in legal action
INSPECTOR CERTIFICATE EXPIRES 1/29/2028

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 found return to 525 W.Jefferson Street
Springfield, IL 62761

IDPH
ILLINOIS DEPARTMENT OF PUBLIC HEALTH

525-535 West Jefferson Street • Springfield, Illinois 6

IDPH ASBESTOS PROFESSIONAL LICENSE

ID NUMBER	ISSUED	EXPIRES
100 - 06435	6/14/2025	05/15/2026

JOSE A ESCOBEDO
5715 BROADWAY ST
RICHMOND, IL 60071
Environmental Health



JOSE A ESCOBEDO
5715 BROADWAY ST
RICHMOND, IL 60071

6/14/2025

ASBESTOS PROFESSIONAL LICENSE ID NUMBER: 06435

Enclosed is your Asbestos Professional License. Please note the expiration date on the card and in the image depicted below.

COPY OF THE ASBESTOS PROFESSIONAL LICENSE

Front of License

IDPH

ASBESTOS PROFESSIONAL LICENSE

ID NUMBER	ISSUED	EXPIRES
100 - 06435	6/14/2025	05/15/2026

JOSE A ESCOBEDO
5715 BROADWAY ST
RICHMOND, IL 60071
Environmental Health



Back of License

ENDORSEMENTS	TC EXPIRES
SUPERVISOR/WORKER	1/11/2026
INSPECTOR	9/13/2025
PROJECT MANAGER	1/11/2026
AIR SAMPLING PROFESSIONAL	

Alteration of this license shall result in legal action
This license issued under authority of the State of Illinois Department of Public Health
This license is valid only when accompanied by a valid training course certificate.

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

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

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Nationally Accredited by PHAB

APPENDIX B

Asbestos Laboratory Report and Chain of Custody Documentation

EMSL Analytical, Inc.

4140 Litt Drive Hillside, IL 60162

Tel/Fax: (773) 313-0099 / (773) 313-0139

http://www.EMSL.com / chicagolab@emsl.com

EMSL Order:	262511649
Customer ID:	CARN81
Customer PO:	
Project ID:	

Attention:	Dylan Gerhart	**Phone:**	(312) 439-1268
	Carnow, Conibear, & Assoc. Ltd	**Fax:**	(312) 782-5145
	600 West Van Buren Street	**Received Date:**	12/08/2025 11:34 AM
	Suite 500	**Analysis Date:**	12/10/2025
	Chicago, IL 60607	**Collected Date:**	12/05/2025
Project:	Residence/A163440003		

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
JE12052025-01 *262511649-0001*	2ND FLR KITCHEN - 12"X12" VFT BROWN	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE12052025-02 *262511649-0002*	2ND FLR KITCHEN - 12"X12" VFT BROWN	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE12052025-03 *262511649-0003*	2ND FLR KITCHEN - 12"X12" VFT BROWN	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE12052025-04 *262511649-0004*	2ND FLR KITCHEN - 12"X12" VFT GREEN	Green Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE12052025-05 *262511649-0005*	2ND FLR KITCHEN - 12"X12" VFT GREEN	Green Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE12052025-06 *262511649-0006*	2ND FLR KITCHEN - 12"X12" VFT GREEN	Green Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE12052025-07 *262511649-0007*	2ND FLR KITCHEN - 12"X12" VFT BEIGE	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE12052025-08 *262511649-0008*	2ND FLR KITCHEN - 12"X12" VFT BEIGE	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE12052025-09 *262511649-0009*	2ND FLR KITCHEN - 12"X12" VFT BEIGE	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE12052025-10 *262511649-0010*	2ND FLR KITCHEN - ASSO. ADHESIVE	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE12052025-11 *262511649-0011*	2ND FLR KITCHEN - ASSO. ADHESIVE	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE12052025-12 *262511649-0012*	2ND FLR KITCHEN - ASSO. ADHESIVE	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE12052025-13 *262511649-0013*	2ND FLR KITCHEN - ASSO ADHESIVE.	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE12052025-14 *262511649-0014*	2ND FLR KITCHEN - ASSO ADHESIVE.	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE12052025-15 *262511649-0015*	2ND FLR KITCHEN - ASSO ADHESIVE.	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE12052025-16 *262511649-0016*	2ND FLR KITCHEN - ASSO ADHESIVE	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 12/10/2025 12:22:57

EMSL Analytical, Inc.
4140 Litt Drive Hillside, IL 60162
Tel/Fax: (773) 313-0099 / (773) 313-0139
http://www.EMSL.com / chicagolab@emsl.com

EMSL Order:	262511649
Customer ID:	CARN81
Customer PO:	
Project ID:	

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
JE12052025-17 *262511649-0017*	2ND FLR KITCHEN - ASSO ADHESIVE	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE12052025-18 *262511649-0018*	2ND FLR KITCHEN - ASSO ADHESIVE	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-19-Skim Coat *262511649-0019*	2ND FLR LIVING ROOM - PLUSTER	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-19-Base Coat *262511649-0019A*	2ND FLR LIVING ROOM - PLUSTER	Gray Non-Fibrous Homogeneous	2% Hair	98% Non-fibrous (Other)	None Detected
JE120525-20-Skim Coat *262511649-0020*	2ND FLR KITCHEN - PLUSTER	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-20-Base Coat *262511649-0020A*	2ND FLR KITCHEN - PLUSTER	Gray Non-Fibrous Homogeneous	2% Hair	98% Non-fibrous (Other)	None Detected
JE120525-21-Skim Coat *262511649-0021*	1ST FLR LIVING ROOM - PLUSTER	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-21-Base Coat *262511649-0021A*	1ST FLR LIVING ROOM - PLUSTER	Gray Non-Fibrous Homogeneous	2% Hair	98% Non-fibrous (Other)	None Detected
JE120525-22 *262511649-0022*	2ND FLR FIRE PLACE - CERAMIC FLR TILE	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-23 *262511649-0023*	2ND FLR FIRE PLACE - CERAMIC FLR TILE	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-24 *262511649-0024*	1ST FLR FIRE PLACE - CERAMIC FLR TILE	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-25 *262511649-0025*	2ND FLR FIRE PLACE - GROUT	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-26 *262511649-0026*	2ND FLR FIRE PLACE - GROUT				**Not Submitted**
JE120525-27 *262511649-0027*	1ST FLR FIRE PLACE - GROUT	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-28 *262511649-0028*	2ND FLR FIRE PLACE - MORTAR	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-29 *262511649-0029*	2ND FLR FIRE PLACE - MORTAR				**Not Submitted**
JE120525-30 *262511649-0030*	1ST FLR FIRE PLACE - MORTAR	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-31 *262511649-0031*	1ST FLR TOILET - 12"X12" VFT BROWN	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

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http://www.EMSL.com / chicagolab@emsl.com

EMSL Order:	262511649
Customer ID:	CARN81
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Project ID:	

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
JE120525-32 *262511649-0032*	1ST FLR TOILET - 12"X12" VFT BROWN	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-33 *262511649-0033*	1ST FLR TOILET - 12"X12" VFT BROWN	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-34 *262511649-0034*	1ST FLR TOILET - ASSO, ADHESIVE	Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-35 *262511649-0035*	1ST FLR TOILET - ASSO, ADHESIVE	Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-36 *262511649-0036*	1ST FLR TOILET - ASSO, ADHESIVE	Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-37 *262511649-0037*	1ST FLR TOILET - 12"X12" VET BROWN & DIAMOND GREEN	Brown/Green Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-38 *262511649-0038*	1ST FLR TOILET - 12"X12" VET BROWN & DIAMOND GREEN	Brown/Green Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-39 *262511649-0039*	1ST FLR TOILET - 12"X12" VET BROWN & DIAMOND GREEN	Brown/Green Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-40 *262511649-0040*	1ST FLR TOILET - ASSO ADHESIVE	Yellow/Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-41 *262511649-0041*	1ST FLR TOILET - ASSO ADHESIVE	Yellow/Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-42 *262511649-0042*	1ST FLR TOILET - ASSO ADHESIVE	Yellow/Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-43 *262511649-0043*	2ND FLR. TOILET - CERAMIC FLR TILE, WHITE.	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-44 *262511649-0044*	2ND FLR. TOILET - CERAMIC FLR TILE, WHITE.	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-45 *262511649-0045*	2ND FLR. TOILET - CERAMIC FLR TILE, WHITE.	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-46 *262511649-0046*	2ND FLR. TOILET - GROUT	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-47 *262511649-0047*	2ND FLR. TOILET - GROUT	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-48 *262511649-0048*	2ND FLR. TOILET - GROUT	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-49 *262511649-0049*	2ND FLR FIRE PLACE - MORTAR	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 12/10/2025 12:22:57

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Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
JE120525-50 *262511649-0050*	2ND FLR FIRE PLACE - MORTAR	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-51 *262511649-0051*	2ND FLR FIRE PLACE - MORTAR	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-52 *262511649-0052*	2ND FLR FIRE PLACE - BRICK, MORTAR	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-53 *262511649-0053*	2ND FLR FIRE PLACE - BRICK, MORTAR	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-54 *262511649-0054*	1ST FLR FIRE PLACE - BRICK, MORTAR	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-55 *262511649-0055*	2ND FLR - 4"X4" CERAMIC WALL TILE	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-56 *262511649-0056*	2ND FLR - 4"X4" CERAMIC WALL TILE	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-57 *262511649-0057*	2ND FLR - 4"X4" CERAMIC WALL TILE	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-58 *262511649-0058*	2ND FLR - GROUT	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-59 *262511649-0059*	2ND FLR - GROUT	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-60 *262511649-0060*	2ND FLR - GROUT	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-61 *262511649-0061*	2ND FLR - MORTAR	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-62 *262511649-0062*	2ND FLR - MORTAR	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-63 *262511649-0063*	2ND FLR - MORTAR	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-64 *262511649-0064*	BASEMENT STAIRS - STAIR TREAD	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-65 *262511649-0065*	BASEMENT STAIRS - STAIR TREAD	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-66 *262511649-0066*	BASEMENT STAIRS - STAIR TREAD	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-67 *262511649-0067*	BASEMENT STAIRS - ASSO. ADHESIVE	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-68 *262511649-0068*	BASEMENT STAIRS - ASSO. ADHESIVE	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 12/10/2025 12:22:57

EMSL Analytical, Inc.
4140 Litt Drive Hillside, IL 60162
Tel/Fax: (773) 313-0099 / (773) 313-0139
http://www.EMSL.com / chicagolab@emsl.com

EMSL Order:	262511649
Customer ID:	CARN81
Customer PO:	
Project ID:	

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
JE120525-69 *262511649-0069*	BASEMENT STAIRS - ASSO. ADHESIVE	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-70 *262511649-0070*	BASEMENT - CANVAS DUCT PAPER	Gray Fibrous Homogeneous	50% Cellulose	20% Non-fibrous (Other)	**30% Chrysotile**
JE120525-71 *262511649-0071*	BASEMENT - CANVAS DUCT PAPER	Gray Fibrous Homogeneous	50% Cellulose	20% Non-fibrous (Other)	**30% Chrysotile**
JE120525-72 *262511649-0072*	BASEMENT - CANVAS DUCT PAPER	Gray Fibrous Homogeneous	50% Cellulose	20% Non-fibrous (Other)	**30% Chrysotile**

Analyst(s)

Emily Weslow (25)
Mazen Elkhatib (24)
Rachelle Cullen-Reavill (24)

James Hahn, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations . The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 “Interim Method”) but augmented with procedures outlined in the 1993 (”final”) version of the method. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis . Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc. Hillside, IL NVLAP Lab Code 200399-0

Initial report from: 12/10/2025 12:22:57

EMSL Analytical, Inc.
4140 Litt Drive Hillside, IL 60162
Tel/Fax: (773) 313-0099 / (773) 313-0139
http://www.EMSL.com / chicagolab@emsl.com

EMSL Order: 262511649
Customer ID: CARN81
Customer PO:
Project ID:

Attention: Dylan Gerhart
Carnow, Conibear, & Assoc. Ltd
600 West Van Buren Street
Suite 500
Chicago, IL 60607
Project: Residence/A163440003

Phone: (312) 439-1268
Fax: (312) 782-5145
Received Date: 12/08/2025 11:34 AM
Analysis Date: 12/10/2025 - 12/11/2025
Collected Date: 12/05/2025

Test Report: Asbestos Analysis of Non-Friable Organically Bound Materials by TEM via EPA/600/R-93/116 Section 2.5.5.1

Sample ID	Description	Appearance	% Matrix Material	% Non-Asbestos Fibers	Asbestos Types
JE12052025-01 *262511649-0001*	2ND FLR KITCHEN - 12"X12" VFT BROWN	Brown Fibrous Heterogeneous	100.0 Other	None	No Asbestos Detected
JE12052025-04 *262511649-0004*	2ND FLR KITCHEN - 12"X12" VFT GREEN	Green Fibrous Heterogeneous	100.0 Other	None	No Asbestos Detected
JE12052025-07 *262511649-0007*	2ND FLR KITCHEN - 12"X12" VFT BEIGE	Beige Fibrous Heterogeneous	100.0 Other	None	No Asbestos Detected
JE120525-31 *262511649-0031*	1ST FLR TOILET - 12"X12" VFT BROWN	Brown Fibrous Heterogeneous	100.0 Other	None	No Asbestos Detected
JE120525-37 *262511649-0037*	1ST FLR TOILET - 12"X12" VET BROWN & DIAMOND GREEN	Brown/Green Fibrous Heterogeneous	100.0 Other	None	No Asbestos Detected

Analyst(s)

James Hahn (5)

James Hahn, Laboratory Manager
or other approved signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. EMSL recommends that samples reported as none detected or <1% undergo additional analysis via PLM to avoid the possibility of false negatives.

Samples analyzed by EMSL Analytical, Inc. Hillside, IL

Initial report from: 12/10/2025 11:23:06

OrderID: 262511649

262511649

Carnow, Conibear & Assoc., Ltd.
Environmental Consulting Services
600 W. Van Buren St., Suite 500, Chicago, IL 60607
t: 312.782.4488 f: 312.782.5145
www.ccaltd.com

CHAIN OF CUSTODY RECORD
PLM ASBESTOS

CARNOW CONIBEAR

Client: Tetra Tech **Project #:** A163440003

Housing Site: 15307 S. Halsted Dr. **Project Name:** Residence

Building #: Harvey, IL **Date:** 12-05-2025

Turn Around: 2 Day **Inspector:** Jose Escobedo

Sample ID/Number:	Sample Description/Location
JE12052025-01	12"X12" VFT Brown 2nd FLR Kitchen
-02	
-03	
-04	12"X12" VFT Green
-05	
-06	
-07	12"X12" VFT Beige
-08	
-09	
-10	Asso. Adhesive
-11	
-12	
-13	Asso Adhesive
-14	
-15	
-16	Asso Adhesive
-17	
-18	

Comments: Please Email Results TO: dgerhart@ccaltd.com / jescobedo@ccaltd.com

Relinquished By/Date/Time: Jose Escobedo 12-8-2025

Received By/Date/Time:

Relinquished By/Date/Time:

Received By/Date/Time: [illegible] 12/8/25 WJ 11:34 AM

OrderID: 262511649

-11649

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Environmental Consulting Services
600 W. Van Buren St., Suite 500, Chicago, IL 60607
t: 312.782.4488 f: 312.782.5145
www.ccaltd.com

CHAIN OF CUSTODY RECORD
PLM ASBESTOS

CARNOW CONIBEAR

Client: Tetra Tech **Project #:** A163440003

Housing Site: 15307 S. Myrtle Dr. **Project Name:** Residence

Building #: Harvey, IL **Date:** 12-05-2025

Turn Around: 2 Day **Inspector:** Jose Escobedo

Sample ID/Number:	Sample Description/Location	
JE120525 -19	Plaster	2nd FLR Living Room
-20		Kitchen
-21		1ST FLR Living Room
-22	Ceramic FLR Tile	2nd FLR Fire Place
-23		
-24		1ST FLR
-25	Grout	2nd FLR
-26		
-27		1ST FLR
-28	Mortar	2nd FLR
-29		
-30		1ST FLR
-31	12"X12" VFT Brown	1ST FLR Toilet
-32		
-33		
-34	ASSO Adhesive	
-35		
-36		

Comments: Please Email Results To: d.gerhart@ccaltd.com / escobedo@ccaltd.com

Relinquished By/Date/Time: Jose Escobedo 12-8-2025

Received By/Date/Time:

Relinquished By/Date/Time:

Received By/Date/Time: 12/8/25 WJ 11:34 AM

E - 445

OrderID: 262511649

-11649

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Environmental Consulting Services
800 W. Van Buren St., Suite 500, Chicago, IL 60607
t: 312.782.4486 f: 312.782.5145
www.ccaltd.com

CHAIN OF CUSTODY RECORD
PLM ASBESTOS

CARNOW CONIBEAR

Client: Tetra Tech **Project #:** A1634400003

Housing Site: 15307 S. Myrtle Dr. **Project Name:** Residence

Building #: 15307 **Date:** 12-05-2025

Turn Around: 2 Day **Inspector:** Jose Escobedo

Sample ID/Number:	Sample Description/Location	
JE120525 -37	12"x12" VFT Brown & Diamond Green	1ST FLR Toilet
-38		
-39		
-40	ASSo Adhesive	
-41		
-42		
-43	Ceramic FLR Tile White	2nd FLR. Toilet
-44		
-45		
-46	Grout	
-47		
-48		
-49	Mortar	
-50		
-51		
-52	Brick Mortar	2nd FLR Fire Place
-53		
-54		1ST FLR

Comments: Please Email Results To: g.gerharta ccaltd.com, escobedoa ccaltd.com

Relinquished By/Date/Time: Jose Escobedo 12-8-2025

Received By/Date/Time:

Relinquished By/Date/Time:

Received By/Date/Time: Kyle B - WT 12/8/25 11:39 am

OrderID: 262511649

-11649

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Environmental Consulting Services
600 W. Van Buren St., Suite 500, Chicago, IL 60607
t: 312.782.4488 f: 312.782.5145
www.ccaltd.com

CHAIN OF CUSTODY RECORD
PLM ASBESTOS

CARNOW CONIBEAR

Client: Texas Tech **Project #:** A163440003

Housing Site: 15307 S. Myrtle Dr. **Project Name:** Residence

Building #: Harvey, IL **Date:** 12-05-2025

Turn Around: 2 Day **Inspector:** Jose Escobedo

Sample ID/Number:	Sample Description/Location	
JE120525- -55	4"X4 Ceramic Wall Tile	2nd FLR
-56		
-57		
-58	Grout	
-59		
-60		
-61	Mortar	
-62		
-63		
-64	Stair Tread	Basement Stairs
-65		
-66		
-67	Asso. Adhesive	
-68		
-69		
-70	Canvas Drop Paper	Basement
-71		
-72		

Comments: Please Email Results To: dgerhart@ccaltd.com, jescobedo@ccaltd.com

Relinquished By/Date/Time: Jose Escobedo 12-8-2025

Received By/Date/Time:

Relinquished By/Date/Time:

Received By/Date/Time: 12/8/25 WJ 11:34 AM

APPENDIX C

Lead Based Paint XRF Data Sheet

Lead Based Paint XRF Data Sheet

Client: Tetra Tech Building Address: 15307 Myrtle Ave City: Harvey Inspection Date: 12/5/25

Area Description: _____ State: IL Inspector: Daeja Purnell License #: L-1003873

XRF Serial #: X550 XRF Instrument: Heuresis Pb200i XRF Unit /File #: _____ Inspector's Signature: D Purnell

XRF Test Shot #	Test Location	Component	Substrate	Color	Condition Assessment Deterioration Present?	Estimated Damage	XRF Reading mg/cm²	Classification P=Positive ≥1.0 N=Negative <1.0
7	S Exterior	Lower Wall	Brick	Teal	Y (N)	-	0.3	P (N)
8	E	Upper Wall	Wood	White	(Y) N	-	3.4	(P) N
9		Stair Tread		Teal	(Y) N	50SF	0.2	P (N)
10		Post		White	(Y) N	20SF	4.2	(P) N
11		Riser			(Y) N	20SF	3.6	(P) N
12	W Garage Exterior	Wall			(Y) N	50 SF	5.3	(P) N
	Second Floor				Y N			P N
13	Living Room 2	N Wall	Plaster	White	Y (N)	-	3.2	(P) N
14		E			Y (N)	-	4.6	(P) N
15		S			Y (N)	-	7.6	(P) N
16		W			Y (N)	-	5.1	(P) N
17		Widowsill	Wood	Stain	Y (N)	-	0.2	P (N)
18		Base board			Y (N)	-	0.3	P (N)
19		S Fireplace Mantel			Y (N)	-	0.4	P (N)
20		E Door		White	Y (N)	-	0.2	P (N)
21		Frame		Stain	Y (N)	-	0.1	P (N)
22	Bed Room 3	N Wall	Plaster	White	Y (N)	-	0.0	P (N)
23		E			Y (N)	-	0.0	P (N)
24		S		Multicolor	Y (N)	-	0.2	P (N)
25		W		White	Y (N)	-	3.5	(P) N
26		E Door	Wood	Stain	Y (N)	-	0.2	P (N)
27		Frame			Y (N)	-	0.4	P (N)
28		N Windowsill			Y (N)	-	0.1	P (N)
29	Bed Room 4	N Wall	Plaster	White	Y (N)	-	3.2	(P) N
30		E			Y (N)	-	2.2	(P) N

CARNOW CONIBEAR

Lead Based Paint XRF Data Sheet

Client: Tetra Tech Building Address: 15301 Myrtle Ave City: Harvey Inspection Date: 12/5/25

Area Description: _____ State: IL Inspector: Daeja Purnell License #: L-1003873

XRF Serial #: X550 XRF Instrument: Heuresis Pb200i XRF Unit /File #: _____ Inspector's Signature: Daeja Purnell

XRF Test Shot #	Test Location	Component	Substrate	Color	Condition Assessment Deterioration Present?	Estimated Damage	XRF Reading mg/cm²	Classification P=Positive ≥1.0 N=Negative <1.0
31	Bed Room 4	S Wall	Plaster	White	Y (N)	-	2.2	(P) N
32	↓	W ↓	↓	↓	Y (N)	-	2.8	(P) N
33	↓ Closet	N ↓	↓	↓	Y (N)	-	2.7	(P) N
34	↓ ↓	E ↓	↓	↓	Y (N)	-	1.8	(P) N
35	↓ ↓	S ↓	↓	↓	Y (N)	-	5.1	(P) N
36	↓ ↓	W ↓	↓	↓	Y (N)	-	1.8	(P) N
37	↓ ↓	↓ Door	Wood	Stain	Y (N)	-	0.2	P (N)
38	↓ ↓	↓ ↓ Frame	↓	↓	Y (N)	-	0.1	P (N)
39	↓ ↓	E Windowsill	↓	↓	Y (N)	-	0.3	P (N)
40	↓	N Door	↓	↓	Y (N)	-	0.0	P (N)
41	↓	↓ ↓ Frame	↓	↓	Y (N)	-	0.2	P (N)
42	Den 2	N Wall	Plaster	White	Y (N)	-	1.4	(P) N
43	↓	E ↓	↓	↓	Y (N)	-	2.0	(P) N
44	↓	S ↓	↓	↓	Y (N)	-	1.4	(P) N
45	↓	W ↓	↓	↓	Y (N)	-	1.5	(P) N
46	↓	N Widowsill	Wood	Stail	Y (N)	-	0.4	P (N)
47	↓	↓ Baseboard	↓	↓	Y (N)	-	0.0	P (N)
48	Bathroom 2	N Wall	Plaster	White	Y (N)	-	2.1	(P) N
49	↓	E ↓	↓	↓	Y (N)	-	3.2	(P) N
50	↓	S ↓	↓	↓	Y (N)	-	3.1	(P) N
51	↓	W ↓	↓	↓	Y (N)	-	1.4	(P) N
52	↓	N Chair Rail	Wood	↓	Y (N)	-	2.4	(P) N
53	↓	W Door	↓	Stain	Y (N)	-	0.3	P (N)
54	↓	↓ ↓ Frame	↓	↓	Y (N)	-	0.0	P (N)
55	Hallway near bath-room	E Wall	Plaster	White	Y (N)	-	2.1	(P) N

CARNOW CONIBEAR

Lead Based Paint XRF Data Sheet

Client: Tetra Tech Building Address: 15307 Myrtle Ave City: Harvey Inspection Date: 12/5/25

Area Description: _____ State: IL Inspector: Daeja Purnell License #: L-1003873

XRF Serial #: X550 XRF Instrument: Heuresis Pb 200i XRF Unit /File #: _____ Inspector's Signature: Daeja Purnell

XRF Test Shot #	Test Location	Component	Substrate	Color	Condition Assessment Deterioration Present?	Estimated Damage	XRF Reading mg/cm²	Classification P=Positive ≥1.0 N=Negative <1.0
56	Hallway near bath room	S wall	Plaster	White	Y (N)	-	1.4	(P) N
57	↓	W	↓	↓	Y (N)	-	1.6	(P) N
58	Room 5	N			Y (N)	-	5.4	(P) N
59		E			Y (N)	-	4.6	(P) N
60		S			Y (N)	-	3.2	(P) N
61		W ↓	↓		Y (N)	-	1.4	(P) N
62		E Chair Rail	Wood		Y (N)	-	2.6	(P) N
63		Windowsill			Y (N)	-	3.4	(P) N
64		↓ Window Casing			Y (N)	-	4.2	(P) N
65		S Door			Y (N)	-	3.6	(P) N
66		↓ Frame		↓	Y (N)	-	1.2	(P) N
67		W		Stain	Y (N)	-	0.3	P (N)
68		↓ ↓ Frame		↓	Y (N)	-	0.1	P (N)
69	↓	S Baseboard	↓	White	Y (N)	-	1.7	(P) N
	First Floor				Y N			P N
70	Entry Way	N wall	Plaster	White	Y (N)	-	4.2	(P) N
71	↓	S			Y (N)	-	1.4	(P) N
72	↓	W			Y (N)	-	2.9	(P) N
73	Living Room 1	N			Y (N)	-	1.6	(P) N
74		E			Y (N)	-	3.2	(P) N
75		S			Y (N)	-	4.3	(P) N
76		W ↓	↓	↓	Y (N)	-	5.1	(P) N
77		Windowsill	Wood	Stain	Y (N)	-	0.2	P (N)
78		Baseboard			Y (N)	-	0.0	P (N)
79	↓	S Fireplace Mantel	↓	↓	Y (N)	-	0.1	P (N)

CARNOW CONIBEAR

Lead Based Paint XRF Data Sheet

Client: Tetra Tech | Building Address: 15307 Myrtle Ave | City: Harvey | Inspection Date: 12/5/25

Area Description: | State: IL | Inspector: Daeja Purnell | License #: L-1003873

XRF Serial #: X550 | XRF Instrument: Heuresis Pb200i | XRF Unit /File #: | Inspector's Signature: D Purnell

XRF Test Shot #	Test Location	Component	Substrate	Color	Condition Assessment Deterioration Present?	Estimated Damage	XRF Reading mg/cm²	Classification P=Positive ≥1.0 N=Negative <1.0
80	Hallway by living room 2	N wall	Plaster	White	Y (N)	–	2.6	(P) N
81	↓	S	↓	↓	Y (N)	–	2.0	(P) N
82	Den 2	N	↓	↓	Y (N)	–	4.7	(P) N
83	↓	E	↓	↓	Y (N)	–	2.1	(P) N
84	↓	S	↓	↓	Y (N)	–	1.7	(P) N
85	↓	W ↓	↓	↓	Y (N)	–	2.2	(P) N
86	↓	E Door	wood	↓	Y (N)	–	3.2	(P) N
87	↓	↓ ↓ Frame	↓	Stain	Y (N)	–	0.3	P (N)
88	Bed Room 1	N wall	Plaster	White	Y (N)	–	1.2	(P) N
89	↓	E	↓	↓	Y (N)	–	2.0	(P) N
90	↓	S	↓	↓	Y (N)	–	4.6	(P) N
91	↓	W ↓	↓	↓	Y (N)	–	1.3	(P) N
92	↓	S windowsill	wood	White	Y (N)	–	1.2	(P) N
93	↓	E Door	↓	Stain	Y (N)	–	0.3	P (N)
94	↓	↓ ↓ Frame	↓	↓	Y (N)	–	0.1	P (N)
95	Hallway by Bathroom 1	E wall	Plaster	White	Y (N)	–	2.6	(P) N
96	↓	W ↓	↓	↓	Y (N)	–	1.3	(P) N
97	Bed Room 2	N	↓	↓	Y (N)	–	4.2	(P) N
98	↓	E	↓	↓	Y (N)	–	1.6	(P) N
99	↓	S	↓	↓	Y (N)	–	7.3	(P) N
100	↓	W ↓	↓	↓	Y (N)	–	2.1	(P) N
101	↓	S windowsill	WOOD	↓	Y (N)	–	1.7	(P) N
102	Bathroom 1	N upperwall	Plaster	↓	Y (N)	–	3.4	(P) N
103	↓	E wall	↓	↓	Y (N)	–	2.2	(P) N
104	↓	S ↓	↓	↓	Y (N)	–	1.7	(P) N

CARNOW CONIBEAR

Lead Based Paint XRF Data Sheet

Client: Tetra Tech Building Address: 15307 Myrtle Ave City: Harvey Inspection Date: 12/5/25

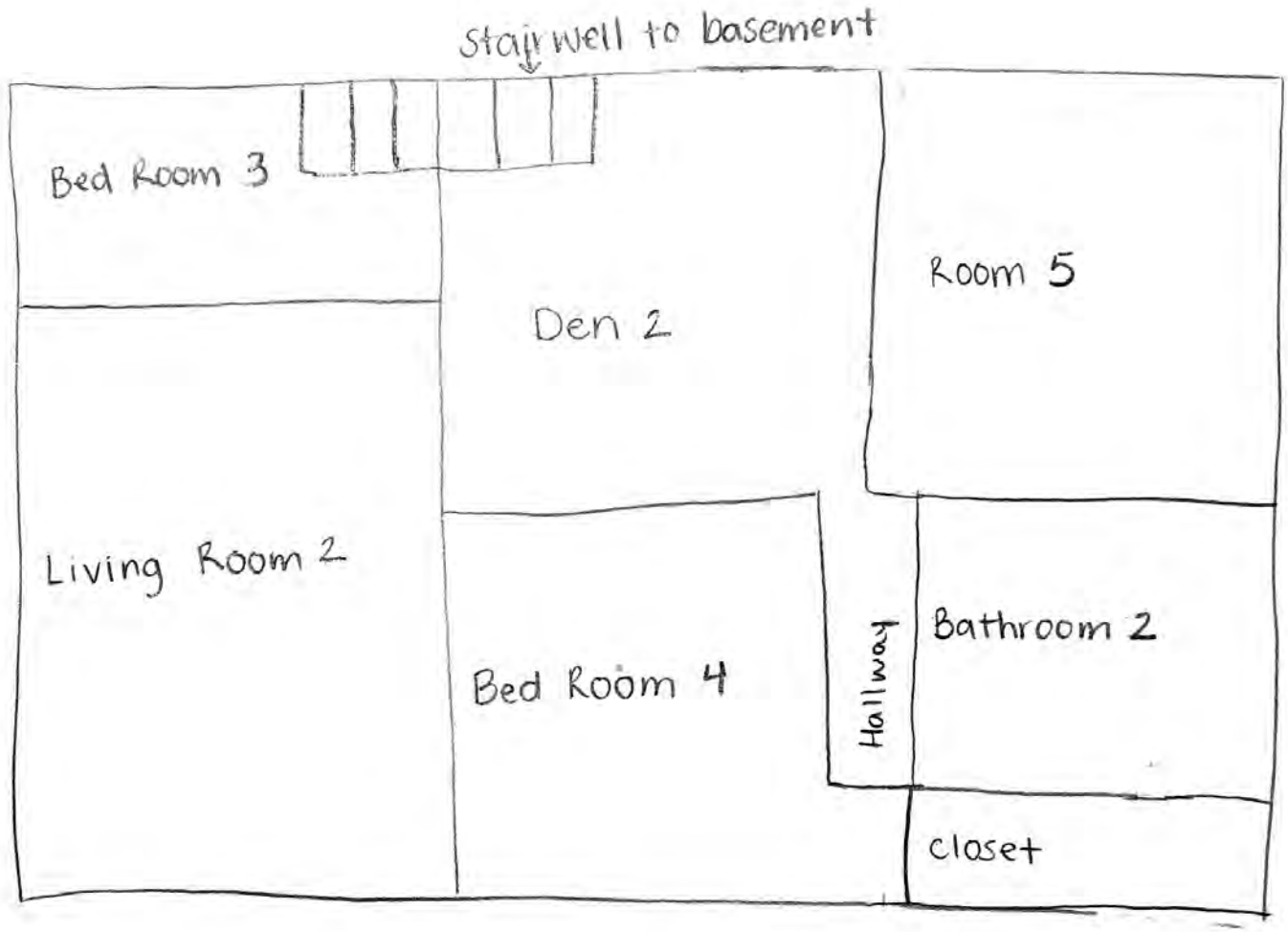
Area Description: _____ State: IL Inspector: Daeja Purnell License #: L-1003873

XRF Serial #: X550 XRF Instrument: Heuresis Pb200i XRF Unit /File #: _____ Inspector's Signature: Daeja Purnell

XRF Test Shot #	Test Location	Component	Substrate	Color	Condition Assessment Deterioration Present?	Estimated Damage	XRF Reading mg/cm²	Classification P=Positive ≥1.0 N=Negative <1.0
105	Bathroom 1	W Wall	Plaster	White	Y (N)	–	3.2	(P) N
106	Kitchen	N	↓	↓	Y (N)	–	4.2	(P) N
107	↓	E	↓	↓	Y (N)	–	3.6	(P) N
108	↓	S	↓	↓	Y (N)	–	5.9	(P) N
109	↓	W ↓	↓	↓	Y (N)	–	1.2	(P) N
110	↓	E Chair Rail	wood	↓	Y (N)	–	4.4	(P) N
111	↓	Windowsill	↓	↓	Y (N)	–	3.2	(P) N
112	↓	S Door	↓	↓	Y (N)	–	5.2	(P) N
113	↓	Frame	↓	↓	Y (N)	–	1.5	(P) N
114	Basement stairwell	N Wall	Plaster	Green	Y (N)	–	0.0	P (N)
115	↓	S ↓	↓	↓	Y (N)	–	0.1	P (N)
					Y N			P N
					Y N			P N
					Y N			P N
					Y N			P N
					Y N			P N
					Y N			P N
					Y N			P N
					Y N			P N
					Y N			P N
					Y N			P N
					Y N			P N
					Y N			P N
					Y N			P N
					Y N			P N
					Y N			P N

CARNOW CONIBEAR

N
W + E
S



15307 Myrtle Ave., Harvey, IL 60426
Second Floor

N
W + E
S



15307 Myrtle Ave., Harvey, IL 60426
First Floor

APPENDIX D

Photographic Documentation



Photo 1 - Canvas Duct Paper(ACM) in Basement

Carnow, Conibear & Assoc., Ltd.
Environmental Consulting Services
600 West Van Buren St., Suite 500, Chicago, IL 60607
t: 312.782.4486 f: 312.782.5145
www.ccaltd.com

CARNOW CONIBEAR

Pre-Demolition Asbestos-Containing Material, Lead-Based Paint, and Hazardous Materials Survey Report

Site: **15315 S. Myrtle Avenue**
Harvey, IL 60426

Survey Date: **December 5, 2025**
Project No.: **A163440003**



Prepared For: Tetra Tech, Inc.

Issue Date: December, 2025
Carnow Conibear Project Number: **A163440003**

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Pre-Demolition Asbestos-Containing Material, Lead-Based Paint, and Hazardous Materials Survey Report

Site: **15315 S. Myrtle Avenue**
Harvey, IL 60426

Survey Date: **December 5, 2025**
Project No.: **A163440003**

Field Work By:

Jose Escobedo
Asbestos Building Inspector

Field Work By:

Cares Bailey
Lead Risk Assessor

Report Prepared By:

Marta Gadek
Industrial Hygiene Specialist

Report Reviewed By:

Dylan Gerhart, P.E., C.I.H., C.S.P.
Senior Project Engineer

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1.0 EXECUTIVE SUMMARY

Carnow, Conibear & Assoc., Ltd. (Carnow Conibear) was retained by Tetra Tech, Inc. (Tetra Tech) to perform a Pre-Demolition survey for asbestos-containing materials, lead-based paint, and hazardous materials at the residential property located at 15315 S. Myrtle Avenue in Harvey, Illinois. The overall purpose of the survey was to provide required abatement information in anticipation of demolition of onsite structure(s).

Asbestos-Containing Materials

The asbestos survey was conducted in phases. The first phase involved a visual inspection of unoccupied rooms to identify accessible suspect asbestos-containing materials. The next phase included collecting representative samples from these accessible suspect materials, followed by laboratory analysis to determine the presence of asbestos. The samples were analyzed by an accredited laboratory.

Lead-Based Paint

The objective of the lead-based paint survey was to identify painted building components thought to be impacted to determine the existence, condition, and location of lead-based paint as defined by HUD.

Hazardous Materials

The hazardous materials survey consisted of visually inspecting the subject site to determine the presence and location of polychlorinated-biphenyl (PCB) containing equipment and materials (lighting ballasts), and mercury-containing equipment and materials (Fluorescent Bulbs, Safety Switches, Switch Boards and Exit Signs), radioactive material-containing units (Carbon monoxide detector) and other hazardous chemical wastes, including chlorofluorocarbon (CFCs) containing units. Sampling was not part of the scope of work of the survey. Assumptions about the presence of these hazardous materials are based on historical usage.

2.0 INTRODUCTION

Carnow, Conibear & Assoc., Ltd. (Carnow Conibear) was retained by Tetra Tech to perform a Pre-Demolition survey for asbestos-containing materials, lead-based paint, and hazardous materials at the residential property located at 15315 S. Myrtle Avenue in Harvey, Illinois. The survey was conducted on December 5, 2025 by Carnow Conibear representatives Mr. Jose Escobedo and Ms. Cares Bailey. Mr. Escobedo is an Illinois Department of Public Health (IDPH) licensed Asbestos Building Inspector. Ms. Bailey is an Illinois Department of Public Health (IDPH) licensed Lead Inspector. See Appendix A for copies of the inspector's current licenses and accreditations.

2.1 Objectives

2.1.1 Asbestos-Containing Material Survey

The purpose of the asbestos survey was to identify the location of accessible asbestos-containing materials (ACM). To achieve this purpose, the following procedures were performed:

- Visual Inspection – to determine the location of suspect materials.
- Sample Collection – to determine asbestos content and material condition
- Laboratory Analysis – analysis of samples by an accredited laboratory.
- Reporting – to prepare a summary report documenting the inspection findings and providing recommendations as warranted.

2.1.2 Lead-Based Paint Survey

The objective of the lead-based paint survey was to identify painted building components through to be impacted to determine the existence, condition, and location of lead-based paint as defined by HUD. To achieve this objective, the following procedures were performed:

- Visual Inspection - to determine location of painted surfaces
- Sampling – lead-based paint sampling to determine the presence of these constituents
- Reporting – to prepare a summary report documenting the inspection findings.

2.2.3 Hazardous Materials Survey

The objective of the hazardous material survey was to determine the presence of PCB's, mercury containing equipment, radiological equipment, medical waste, and any other chemicals that could present health hazards to site workers and/or require special disposal. To achieve this objective, the following procedures were performed:

- Visual Inspection – to determine the presence, quantity, and location.
- Reporting – to prepare a summary documenting the inspection findings and providing recommendations as warranted.

The quantities provided in this report only represent the materials found on the day of the survey. Additional chemicals and equipment may have been brought onto the property after the date of the survey or consumed and/or disposed prior to the report issue date.

3.0 SITE INSPECTION

3.1 Asbestos-Containing Material Survey

3.1.1 Historical Document Review

No asbestos-related documents were provided for review to gain an understanding of previous asbestos activities.

3.1.2 Asbestos Survey Methodology

The asbestos survey was conducted in phases. The first phase of the survey included a walkthrough inspection of the subject site to identify homogeneous materials (materials which are uniform in composition throughout) and to assess material conditions. The next phase consisted of collecting representative bulk samples from the suspected asbestos-containing materials. Materials may have been assumed to contain asbestos due to inaccessibility of the room or area where the materials were located or sampling of the material would damage or compromise the integrity of the building component and may render it inoperable.

3.1.3 Suspect Asbestos-Containing Material Sample Collection

Carnow Conibear collected a total of one-hundred and seventeen (117) samples from the suspected asbestos-containing materials. All bulk samples were collected based on methods described in USEPA guidelines. The samples were collected and stored in sample bags with a unique sample identification number prior to delivery to EMSL Analytical, Inc. (EMSL) in Hillside, Illinois for analysis. A chain of custody (COC) form was signed and dated by the inspector, the delivering representative, and the laboratory representative who received the samples.

3.1.4 Asbestos Sample Analysis

The samples collected during the field activities were submitted to EMSL for laboratory analysis. EMSL is accredited for bulk asbestos fiber analysis by the National Voluntary Laboratory Accreditation Program (NVLAP) through the National Institute of Standards and Technology (NIST). EMSL utilized dispersion staining and polarized light microscopy (PLM) techniques for analyzing the samples consistent with National Institute for Occupational Safety and Health (NIOSH) methods. PLM is the EPA's recognized method for determining bulk asbestos content. See **Appendix B** for the bulk sample laboratory report and chain of custody documentation. Photographs are contained in **Appendix D**.

Tables I and II present a summary of the results of the bulk sample analysis and material locations.

Table I: Summary of Asbestos-Containing Materials Survey Results
Polarized Light Microscopy

SAMPLE ID	MATERIAL DESCRIPTION	MATERIAL LOCATION	LABORATORY RESULT (PLM)	ESTIMATED QUANTITY	FRIABLE OR NON-FRIABLE	NESHAP TYPE
JE120525-07 JE120525-08 JE120525-09	Red Ceramic	Bathrooms	No Asbestos Detected	NA	NA	NA
JE120525-10 JE120525-11 JE120525-12	Grout	Bathrooms	No Asbestos Detected	NA	NA	NA
JE120525-13 JE120525-14 JE120525-15	Mortar	Bathrooms	No Asbestos Detected	NA	NA	NA
JE120525-16 JE120525-17 JE120525-18	12”x12” Brown Vinyl Floor Tile	Bathrooms	No Asbestos Detected	NA	NA	NA
JE120525-19 JE120525-20 JE120525-21	Associated Adhesive 12”x12” Brown Vinyl Floor Tile	Bathrooms	No Asbestos Detected	NA	NA	NA
JE120525-22 JE120525-23 JE120525-24	4”x4” White Ceramic Wall	Bathrooms	No Asbestos Detected	NA	NA	NA
JE120525-25 JE120525-26 JE120525-27	Grout	Bathrooms	No Asbestos Detected	NA	NA	NA
JE120525-28 JE120525-29 JE120525-30	Mortar	Bathrooms	No Asbestos Detected	NA	NA	NA
JE120525-31 JE120525-32 JE120525-33	Plaster	Various locations	No Asbestos Detected	NA	NA	NA
JE120525-34 JE120525-35 JE120525-36	Drywall	Various locations	No Asbestos Detected	NA	NA	NA
JE120525-37 JE120525-38 JE120525-39	Texture Wall	Stairwells	No Asbestos Detected	NA	NA	NA
JE120525-40 JE120525-41 JE120525-42	Associated Plaster Texture Wall	Stairwells	No Asbestos Detected	NA	NA	NA
JE120525-43 JE120525-44 JE120525-45	12”x12” White Vinyl Floor Tile	2nd Floor Kitchen North	No Asbestos Detected	NA	NA	NA
JE120525-46 JE120525-47 JE120525-48	Associated Adhesive 12”x12” White Vinyl Floor Tile	2nd Floor Kitchen North	No Asbestos Detected	NA	NA	NA
JE120525-49 JE120525-50 JE120525-51	12”x12” Gray Vinyl Floor Tile	1st Floor Toilet North	No Asbestos Detected	NA	NA	NA
JE120525-52 JE120525-53 JE120525-54	Associated Adhesive 12”x12” Gray Vinyl Floor Tile	1st Floor Toilet North	No Asbestos Detected	NA	NA	NA
JE120525-55 JE120525-56 JE120525-57	8”x8” Ceramic Wall Tile	1st Floor Toilet South	No Asbestos Detected	NA	NA	NA
JE120525-58 JE120525-59 JE120525-60	Grout	1st Floor Toilet South	No Asbestos Detected	NA	NA	NA

Table I: Summary of Asbestos-Containing Materials Survey Results
Polarized Light Microscopy

SAMPLE ID	MATERIAL DESCRIPTION	MATERIAL LOCATION	LABORATORY RESULT (PLM)	ESTIMATED QUANTITY	FRIABLE OR NON-FRIABLE	NESHAP TYPE
JE120525-61 JE120525-62 JE120525-63	Mortar	1st Floor Toilet South	No Asbestos Detected	NA	NA	NA
JE120525-64 JE120525-65 JE120525-66	2”x6” Ceramic Wall Tile	1st Floor Toilet South	No Asbestos Detected	NA	NA	NA
JE120525-67 JE120525-68 JE120525-69	Grout	1st Floor Toilet South	No Asbestos Detected	NA	NA	NA
JE120525-70 JE120525-71 JE120525-72	Mortar	1st Floor Toilet South	No Asbestos Detected	NA	NA	NA
JE120525-73 JE120525-74 JE120525-75	1”x1” Mosaic Floor Tile	Front Entrance in Building	No Asbestos Detected	NA	NA	NA
JE120525-76 JE120525-77 JE120525-78	Grout	Front Entrance in Building	No Asbestos Detected	NA	NA	NA
JE120525-79 JE120525-80 JE120525-81	Mortar	Front Entrance in Building	No Asbestos Detected	NA	NA	NA
JE120525-82 JE120525-83 JE120525-84	12”x12” Ceramic Floor Tile	Front Entrance in Building	No Asbestos Detected	NA	NA	NA
JE120525-85 JE120525-86 JE120525-87	Grout	Front Entrance in Building	No Asbestos Detected	NA	NA	NA
JE120525-88 JE120525-89 JE120525-90	Mortar	Front Entrance in Building	No Asbestos Detected	NA	NA	NA
JE120525-91 JE120525-92 JE120525-93	12”x12” Light Brown Vinyl Floor Tile	Basement Toilet South	No Asbestos Detected	NA	NA	NA
JE120525-94 JE120525-95 JE120525-96	Associated Adhesive 12”x12” Light Brown Vinyl Floor Tile	Basement Toilet South	No Asbestos Detected	NA	NA	NA
JE120525-97 JE120525-98 JE120525-99	1”x1” Octagon Ceramic Floor Tile	Basement Toilet South	No Asbestos Detected	NA	NA	NA
JE120525-100 JE120525-101 JE120525-102	Grout	Basement Toilet South	No Asbestos Detected	NA	NA	NA
JE120525-103 JE120525-104 JE120525-105	Mortar	Basement Toilet South	No Asbestos Detected	NA	NA	NA
JE120525-106 JE120525- 107 JE120525-108	12”x12” White/ Blue Stripes Vinyl Floor Tile	Basement Hallway/ Room South	No Asbestos Detected	NA	NA	NA
JE120525-109 JE120525-110 JE120525-111	Associated Adhesive 12”x12” White/ Blue Stripes Vinyl Floor Tile	Basement Hallway/ Room South	No Asbestos Detected	NA	NA	NA
JE120525-112 JE120525-113 JE120525-114	Window Glaze	Exterior North	No Asbestos Detected	NA	NA	NA

Table I: Summary of Asbestos-Containing Materials Survey Results
Polarized Light Microscopy

SAMPLE ID	MATERIAL DESCRIPTION	MATERIAL LOCATION	LABORATORY RESULT (PLM)	ESTIMATED QUANTITY	FRIABLE OR NON-FRIABLE	NESHAP TYPE
JE120525-115 JE120525-116 JE120525-117	Brick Mortar White	Exterior East	No Asbestos Detected	NA	NA	NA
JE120525-118 JE120525-119 JE120525-120	Brick Mortar Red	Exterior West	No Asbestos Detected	NA	NA	NA
JE120525-121 JE120525-122 JE120525-123	Cement Patch	Basement Boiler Exhaust	No Asbestos Detected	NA	NA	NA
Inaccessible	**Roof and Roofing Materials**	**Roof**	**Assumed**	**3,000 SF**	**Non-Friable**	**CAT 1**

Table II: Summary of Asbestos-Containing Materials Survey Results
Transmission Electron Microscopy

SAMPLE ID	MATERIAL DESCRIPTION	MATERIAL LOCATION	LABORATORY RESULT (TEM)	COMMENTS
JE120525-16	12” x 12” Green Vinyl Floor Tile	Bathrooms	No Asbestos Detected	
JE120525-43	12”x12” White Vinyl Floor Tile	2nd Floor Kitchen North	No Asbestos Detected	
JE120525-49	12”x12” Gray Vinyl Floor Tile	1st Floor Toilet North	No Asbestos Detected	
JE120525-91	12”x12” Light Brown Vinyl Floor Tile	Basement Toilet South	No Asbestos Detected	
JE120525-106	12”x12” White/ Blue Stripes Vinyl Floor Tile	Basement Hallway/ Room South	No Asbestos Detected	

3.2 Lead-Based Paint Survey

Lead is a heavy metal that can cause health effects from human exposure. Lead is commonly found in industrial paints and coatings. However, beginning in 1978, lead use in consumer paints was restricted. In particular, the U.S. Consumer Products Safety Commission restricted the amount of lead to no more than 0.06 per cent by weight. This value is equivalent to 600 parts per million (ppm) of lead. *Lead-based paint* is defined by the US Department of Housing and Urban Development (HUD) as paint or other surface coatings that contain lead equal to or greater than 5000 parts per million (ppm), 5000 milligrams per Kilogram (mg/Kg), or 0.5 percent by weight. Surface coatings include paint, shellac, varnish, or any other coating, including wallpaper which covers painted surfaces.

3.2.1 Suspect Lead-Based Paint Sample Collection

The lead-based paint survey consisted of visually inspecting the painted survey areas to determine representative paint histories and to collect random samples utilizing an X-ray fluorescence (XRF) spectrum analyzer.

The lead-based paint testing was limited to major building components and locations with damaged or peeling paint only. Sampling of suspect lead-based paint (LBP) components and/or surfaces was conducted following the U.S. Department of Housing and Urban Development (HUD) guidelines of June 1995 for single family housing, Chapter 7, Lead Based Paint Inspection, 2012 Revision, and the EPA and HUD's Performance Characteristics Sheet for the RMD LPA-1 XRF lead paint analysis system. There may be materials that were not identified, because they were located in inaccessible areas and not available at the time of inspection.

Table III identifies the lead painted components and/or surfaces as defined by HUD. See Appendix C for a complete testing log of all XRF measurements collected for this survey.

3.2.2 Lead-Based Paint Survey Methodology

Sampling of visible and accessible suspect lead-based painted components and/or surfaces was conducted following protocol similar to the U.S. Department of Housing and Urban Development (HUD) guidelines of June 1995 for single family housing, Chapter 7: Lead-Based Paint Inspection 2012 Revision. These guidelines apply to residential properties. The lead-based paint testing was limited to major building components and locations with damaged or peeling paint only. There may be materials that were not identified, because they were located in inaccessible areas and not available at the time of inspection.

The inspector categorized components in poor condition if the paint damage was greater than three square feet (3 ft^2). Components were categorized in fair condition when paint damage was less than three square feet (3 ft^2). Components in an intact condition represent no visible paint damage. Visual assessments noting the condition of suspect materials described in this report are representative of those conditions present at the time of the survey.

Table III identifies the lead painted components and/or surfaces which were included in the survey scope. See **Appendix C** for the laboratory report and chain of custody record for the samples collected for this survey.

Table III: Summary of Confirmed Lead-Based Paint Survey Results

MATERIAL LOCATION	COMPONENT	SUBSTRATE	COLOR	RESULT (mg/cm^2)
3S – Bathroom	Window Frame	Wood	White	4.6
3S – Bathroom	Windowsill	Wood	White	5.3
3S – Bathroom	South Wall	Plaster	White	2.8
2S – Bathroom	Windowsill	Wood	White	4.7
2S – Bathroom	Window Frame	Wood	White	3.3
2S – Bathroom	South Wall	Plaster	Beige	3.0
2S – Bathroom	West Wall	Plaster	Beige	2.0
1S – Bathroom	Windowsill	Wood	White	5.3
1S – Bathroom	Window Frame	Wood	White	4.1

Table III: Summary of Confirmed Lead-Based Paint Survey Results

MATERIAL LOCATION	COMPONENT	SUBSTRATE	COLOR	RESULT (mg/cm^2)
1S – Bathroom	South Wall	Plaster	Tan	1.7
Basement – Small Storage Rm	Door Frame	Wood	Green	10.6
Basement – Small Storage Rm	Door Jamb	Wood	Green	8.1
Basement – Small Storage Rm	Window Frame	Wood	Green	10.3
Basement – Small Storage Rm	Windowsill	Wood	Green	6.8
Basement – Entryway	Door Frame	Wood	Gray	9.1
Basement – Entryway	Door Jamb	Wood	Gray	7.5
Exterior – Back Porch	Pilar	Metal	Black	5.8
Exterior – Back Porch	Cross Beam	Metal	Black	3.5
Exterior – Backyard	Poles	Metal	Gray	2.3

Painted surfaces which indicate a concentration of $\geq$1.0 milligram per centimeter squared (mg/cm^2) of surface area are considered to be lead-based paint as defined by HUD.

3.3 Hazardous Materials Survey

3.3.1 Hazardous Material Survey

The survey consisted of a visual inspection to determine the location and quantity of hazardous and potentially hazardous materials that may require special disposal considerations. The entire subject property was vacant and there were no access restrictions.

3.3.2 Hazardous Material Survey Methodology

Table IV identifies the materials found in this building and approximate quantities of the materials. The hazardous material survey consisted of visually inspecting the subject property to determine the presence and location of polychlorinated-biphenyl (PCB) containing equipment and materials (lighting ballasts), and mercury-containing equipment and materials (Fluorescent Bulbs, Safety Switches, Switch Boards and Exit Signs), and other potentially hazardous chemicals found within the building. Sampling and analysis of PCBs, mercury, etc., was not part of the scope of work of the survey. Materials were classified as hazardous based on historical usage. Hazardous materials identified during the survey are summarized in **Table IV**.

Table III: Summary of Hazardous Material Survey Results

Category	Item	Quantity	Units	Location	Comment
PCBs	Fluorescent Ballasts	7	Each	Various Locations	
Mercury	Fluorescent Bulbs	180	Each	Various Locations	
	Switches	95	Each	Various Locations	
Chemicals	Emergency Light Signs	4	Each	Various Locations	
	Fire Extinguisher	6			
	Gas Cylinders	6			
Large Equipment	Water Heater	1	Each	Various Locations	
Other/Universal Waste	Microwave	3	Each	Various Locations	
	Circuit Panel/Fuse Box	1	Each	Various Locations	
	Smoke Detector	15	Each	Various Locations	

4.0 CONCLUSIONS AND RECOMMENDATIONS

Carnow Conibear was retained by Tetra Tech to perform a survey for asbestos-containing material, lead-based paint, and hazardous materials at the residential property located at 15315 S. Myrtle Avenue in Harvey, Illinois. The survey was limited to visible and accessible interior and exterior locations within the subject site.

Based on the survey results, Carnow Conibear offers the following conclusions and recommendations:

- Results of the asbestos-containing material survey did not confirm that asbestos-containing materials were assumed at the subject site.
- Any newly discovered materials should be assumed to contain asbestos or must be sampled prior to any future demolition work.
- Results of the lead-based paint survey confirm that lead-based paint as defined by HUD was identified at the subject site. OSHA regulation 1926.62 Lead in Construction, must be followed if lead is disturbed during demolition activities producing airborne exposures above the Permissible Exposure Limit (PEL). The PEL is an airborne limit independent of the concentration of lead in the disturbed material.
- Incorporate the data from this report into future demolition documents regarding the presence of asbestos-containing materials, lead-based paint, and hazardous materials, as applicable.
- All future hazardous material removal and/or demolition work shall be conducted by a licensed contractor in accordance with all applicable local, state, and federal regulations.
- Prior to demolition; remove, dispose, and/or recycle all regulated universal, special and/or hazardous waste materials as identified in this report.
- Document all environmental work activities and retain records.

Carnow Conibear has applied prevailing industry standards and reasonable judgment and effort within the scope of work outlined in Carnow Conibear's proposal, while conducting the asbestos-containing material and lead-based paint survey. The standards, judgment, and effort used by Carnow Conibear personnel to investigate, assess, and determine the presence of potential environmental hazards and liabilities associated with the subject building are consistent with requirements outlined in federal and state guidelines. Carnow Conibear makes no warranty, express or implied, that the findings and interpretations in this report are a complete representation of hazards and liabilities, associated with the building. Findings presented in this report are only indicative of conditions present during the time of the investigation and cannot be used to predict potential future or previous health effects on building occupants. The services performed by Carnow Conibear on this project have been conducted in a professional manner consistent with industry standards at the time of testing. There may be materials that were not identified, because they were located in inaccessible areas and not available at the time of inspection. Carnow Conibear made every reasonable effort to locate mechanical systems and other inconspicuous materials.

The information contained in this report was prepared based upon specific test parameters requested by the Client. and regulations in force at the time of the report. The information herein is only for the specific use of the Client and Carnow Conibear. Carnow Conibear accepts no responsibility for the use, reuse, interpretation, or reliance by other parties on the information contained herein, unless written authorization has been obtained from Carnow Conibear. Carnow Conibear bears no responsibility for the implementation of recommendations included in this report unless specifically requested to do so by the Client

APPENDICES

Appendix A Current License and Certifications
Appendix B Asbestos Laboratory Report and Chain of Custody Documentation
Appendix C Lead Based Paint XRF Data Sheet
Appendix D Photographic Documentation

APPENDIX A

Current Licenses and Certifications

IDPH

ILLINOIS DEPARTMENT OF PUBLIC HEALTH

525-535 West Jefferson Street · Springfield, Illinois 6

IDPH ASBESTOS PROFESSIONAL LICENSE

ID NUMBER	ISSUED	EXPIRES
100 - 06435	6/14/2025	05/15/2026

JOSE A ESCOBEDO
5715 BROADWAY ST
RICHMOND, IL 60071
Environmental Health



JOSE A ESCOBEDO
5715 BROADWAY ST
RICHMOND, IL 60071

6/14/2025

ASBESTOS PROFESSIONAL LICENSE ID NUMBER: 06435

Enclosed is your Asbestos Professional License. Please note the expiration date on the card and in the image depicted below.

COPY OF THE ASBESTOS PROFESSIONAL LICENSE

Front of License

IDPH

ASBESTOS PROFESSIONAL LICENSE

ID NUMBER	ISSUED	EXPIRES
100 - 06435	6/14/2025	05/15/2026

JOSE A ESCOBEDO
5715 BROADWAY ST
RICHMOND, IL 60071
Environmental Health



Back of License

ENDORSEMENTS	TC EXPIRES
SUPERVISOR/WORKER	1/11/2026
INSPECTOR	9/13/2025
PROJECT MANAGER	1/11/2026
AIR SAMPLING PROFESSIONAL	

Alteration of this license shall result in legal action
This license issued under authority of the State of Illinois Department of Public Health
This license is valid only when accompanied by a valid training course certificate.

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

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

PROTECTING HEALTH, IMPROVING LIVES
Nationally Accredited by PHAB

IDPH

LEAD RISK ASSESSOR LICENSE

LEAD ID	ISSUED	EXPIRES
1003166	1/2/2025	1/31/2026

Cares A Bailey
8807 South Luella Ave
Chicago, IL 60617



ILLINOIS LEAD PROGRAM
Environmental Health

Alteration of this license shall result in legal action
RISK ASSESSOR CERTIFICATE EXPIRES
4/8/2025
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 found return to 525 W.Jefferson St Springfield, IL 62761

APPENDIX B

Asbestos Laboratory Report and Chain of Custody Documentation

EMSL Analytical, Inc.

4140 Litt Drive Hillside, IL 60162

Tel/Fax: (773) 313-0099 / (773) 313-0139

http://www.EMSL.com / chicagolab@emsl.com

EMSL Order:	262511646
Customer ID:	CARN81
Customer PO:	
Project ID:	

Attention:	Dylan Gerhart	**Phone:**	(312) 439-1268
	Carnow, Conibear, & Assoc. Ltd	**Fax:**	(312) 782-5145
	600 West Van Buren Street	**Received Date:**	12/08/2025 11:34 AM
	Suite 500	**Analysis Date:**	12/10/2025 - 12/11/2025
	Chicago, IL 60607	**Collected Date:**	12/05/2025
Project:	Residence / A163440003		

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
JE120525-01 *262511646-0001*	3RD FLR. TOILET NORTH - 12"X12" BEIGE VFT				**Layer Not Present**
JE120525-02 *262511646-0002*	3RD FLR. TOILET SOUTH - 12"X12" BEIGE VFT				**Layer Not Present**
JE120525-03 *262511646-0003*	3RD FLR. TOILET NORTH - 12"X12" BEIGE VFT				**Layer Not Present**
JE120525-04 *262511646-0004*	3RD FLR. TOILET NORTH - ASSO. ADHESIVE				**Layer Not Present**
JE120525-05 *262511646-0005*	3RD FLR. TOILET SOUTH - ASSO. ADHESIVE				**Layer Not Present**
JE120525-06 *262511646-0006*	3RD FLR. TOILET NORTH - ASSO. ADHESIVE				**Layer Not Present**
JE120525-07 *262511646-0007*	3RD FLR. TOILET NORTH - RED CERAMIC	Red/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-08 *262511646-0008*	3RD FLR. TOILET SOUTH - RED CERAMIC	Red/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-09 *262511646-0009*	3RD FLR. TOILET NORTH - RED CERAMIC	Red/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-10 *262511646-0010*	3RD FLR. TOILET NORTH - GROUT	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-11 *262511646-0011*	3RD FLR. TOILET SOUTH - GROUT	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-12 *262511646-0012*	3RD FLR. TOILET NORTH - GROUT	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-13 *262511646-0013*	3RD FLR. TOILET NORTH - MORTAR	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-14 *262511646-0014*	3RD FLR. TOILET SOUTH - MORTAR	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-15 *262511646-0015*	3RD FLR. TOILET NORTH - MORTAR	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-16 *262511646-0016*	3RD FLR KITCHEN NORTH - VFT BROWN 12"X12"	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

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Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
JE120525-17 *262511646-0017*	3RD FLR KITCHEN NORTH - VFT BROWN 12"X12"	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-18 *262511646-0018*	3RD FLR KITCHEN NORTH - VFT BROWN 12"X12"	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-19 *262511646-0019*	3RD FLR KITCHEN NORTH - ASSO. ADHESIVE	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-20 *262511646-0020*	3RD FLR KITCHEN NORTH - ASSO. ADHESIVE	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-21 *262511646-0021*	3RD FLR KITCHEN NORTH - ASSO. ADHESIVE	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-22 *262511646-0022*	3RD FLR TOILET NORTH - 4"X4" WHITE CERAMIC WALL	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-23 *262511646-0023*	3RD FLR TOILET NORTH - 4"X4" WHITE CERAMIC WALL	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-24 *262511646-0024*	3RD FLR TOILET SOUTH - 4"X4" WHITE CERAMIC WALL	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-25 *262511646-0025*	3RD FLR TOILET NORTH - GROUT	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-26 *262511646-0026*	3RD FLR TOILET NORTH - GROUT	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-27 *262511646-0027*	3RD FLR TOILET SOUTH - GROUT	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-28 *262511646-0028*	3RD FLR TOILET NORTH - MORTAR	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-29 *262511646-0029*	3RD FLR TOILET NORTH - MORTAR	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-30 *262511646-0030*	3RD FLR TOILET SOUTH - MORTAR	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-31-Skim Coat *262511646-0031*	3RD FLR NORTH - PLASTER	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-31-Base Coat *262511646-0031A*	3RD FLR NORTH - PLASTER	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-32-Skim Coat *262511646-0032*	2ND FLR SOUTH - PLASTER	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

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			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
JE120525-32-Base Coat *262511646-0032A*	2ND FLR SOUTH - PLASTER	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-33-Skim Coat *262511646-0033*	1ST FLR NORTH - PLASTER	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-33-Base Coat *262511646-0033A*	1ST FLR NORTH - PLASTER	Gray Non-Fibrous Homogeneous	2% Hair	98% Non-fibrous (Other)	None Detected
JE120525-34 *262511646-0034*	3RD FLR SOUTH - DRYWALL	Brown/White Non-Fibrous Homogeneous	10% Cellulose 2% Glass	88% Non-fibrous (Other)	None Detected
JE120525-35 *262511646-0035*	2ND FLR NORTH - DRYWALL	Brown/White Non-Fibrous Homogeneous	10% Cellulose 2% Glass	88% Non-fibrous (Other)	None Detected
JE120525-36 *262511646-0036*	1ST FLR SOUTH - DRYWALL	Brown/White Non-Fibrous Homogeneous	10% Cellulose 2% Glass	88% Non-fibrous (Other)	None Detected
JE120525-37 *262511646-0037*	3RD FLR STAIR HALL - TEXTURE WALL	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-38 *262511646-0038*	2ND FLR STAIR HALL - TEXTURE WALL	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-39 *262511646-0039*	1ST FLR STAIR HALL - TEXTURE WALL	Brown/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-40 *262511646-0040*	3RD FLR STAIR HALL - ASSO. PLASTER	Gray Non-Fibrous Homogeneous	2% Hair	98% Non-fibrous (Other)	None Detected
JE120525-41 *262511646-0041*	2ND FLR STAIR HALL - ASSO. PLASTER	Gray Non-Fibrous Homogeneous	2% Hair	98% Non-fibrous (Other)	None Detected
JE120525-42 *262511646-0042*	1ST FLR STAIR HALL - ASSO. PLASTER	Gray Non-Fibrous Homogeneous	2% Hair	98% Non-fibrous (Other)	None Detected
JE120525-43 *262511646-0043*	2ND FLR KITCHEN NORTH - 12"X12" VFT WHITE	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-44 *262511646-0044*	2ND FLR KITCHEN NORTH - 12"X12" VFT WHITE	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-45 *262511646-0045*	2ND FLR KITCHEN SOUTH - 12"X12" VFT WHITE	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-46 *262511646-0046*	2ND FLR KITCHEN NORTH - ASSO. ADHESIVE	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-47 *262511646-0047*	2ND FLR KITCHEN NORTH - ASSO. ADHESIVE	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-48 *262511646-0048*	2ND FLR KITCHEN SOUTH - ASSO. ADHESIVE	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

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			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
JE120525-49 *262511646-0049*	1ST FLR TOILET NORTH - 12"X2" VFT GRAY	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-50 *262511646-0050*	1ST FLR TOILET NORTH - 12"X2" VFT GRAY	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-51 *262511646-0051*	1ST FLR TOILET NORTH - 12"X2" VFT GRAY	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-52 *262511646-0052*	1ST FLR TOILET NORTH - ASSO. ADHESIVE	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-53 *262511646-0053*	1ST FLR TOILET NORTH - ASSO. ADHESIVE	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-54 *262511646-0054*	1ST FLR TOILET NORTH - ASSO. ADHESIVE	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-55 *262511646-0055*	1ST FLR TOILET SOUTH - 8"X8" CERAMIC WALL TILE	Brown/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-56 *262511646-0056*	1ST FLR TOILET SOUTH - 8"X8" CERAMIC WALL TILE	Brown/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-57 *262511646-0057*	1ST FLR TOILET SOUTH - 8"X8" CERAMIC WALL TILE	Brown/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-58 *262511646-0058*	1ST FLR TOILET SOUTH - GROUT	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-59 *262511646-0059*	1ST FLR TOILET SOUTH - GROUT	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-60 *262511646-0060*	1ST FLR TOILET SOUTH - GROUT	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-61 *262511646-0061*	1ST FLR TOILET SOUTH - MORTAR	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-62 *262511646-0062*	1ST FLR TOILET SOUTH - MORTAR	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-63 *262511646-0063*	1ST FLR TOILET SOUTH - MORTAR	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-64 *262511646-0064*	1ST FLR TOILET SOUTH - 2"X 6" CERAMIC WALL TILE	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-65 *262511646-0065*	1ST FLR TOILET SOUTH - 2"X 6" CERAMIC WALL TILE	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

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			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
JE120525-66 *262511646-0066*	1ST FLR TOILET SOUTH - 2"X 6" CERAMIC WALL TILE	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-67 *262511646-0067*	1ST FLR TOILET SOUTH - GROUT	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-68 *262511646-0068*	1ST FLR TOILET SOUTH - GROUT	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-69 *262511646-0069*	1ST FLR TOILET SOUTH - GROUT	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-70 *262511646-0070*	1ST FLR TOILET SOUTH - MORTAR	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-71 *262511646-0071*	1ST FLR TOILET SOUTH - MORTAR	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-72 *262511646-0072*	1ST FLR TOILET SOUTH - MORTAR	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-73 *262511646-0073*	FRONT ENTRANCE TO BUILDING - 1"X1" MOSAIC FLR TILE	White/Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-74 *262511646-0074*	FRONT ENTRANCE TO BUILDING - 1"X1" MOSAIC FLR TILE	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-75 *262511646-0075*	FRONT ENTRANCE TO BUILDING - 1"X1" MOSAIC FLR TILE	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-76 *262511646-0076*	FRONT ENTRANCE TO BUILDING - GROUT	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-77 *262511646-0077*	FRONT ENTRANCE TO BUILDING - GROUT	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-78 *262511646-0078*	FRONT ENTRANCE TO BUILDING - GROUT	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-79 *262511646-0079*	FRONT ENTRANCE TO BUILDING - MORTAR	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-80 *262511646-0080*	FRONT ENTRANCE TO BUILDING - MORTAR	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-81 *262511646-0081*	FRONT ENTRANCE TO BUILDING - MORTAR	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-82 *262511646-0082*	FRONT ENTRANCE TO BUILDING - 12"X12" CERAMIC FLR TILE	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-83 *262511646-0083*	FRONT ENTRANCE TO BUILDING - 12"X12" CERAMIC FLR TILE	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

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			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
JE120525-84 *262511646-0084*	FRONT ENTRANCE TO BUILDING - 12"X12" CERAMIC FLR TILE	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-85 *262511646-0085*	FRONT ENTRANCE TO BUILDING - GROUT	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-86 *262511646-0086*	FRONT ENTRANCE TO BUILDING - GROUT	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-87 *262511646-0087*	FRONT ENTRANCE TO BUILDING - GROUT	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-88 *262511646-0088*	FRONT ENTRANCE TO BUILDING - MORTAR	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-89 *262511646-0089*	FRONT ENTRANCE TO BUILDING - MORTAR	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-90 *262511646-0090*	FRONT ENTRANCE TO BUILDING - MORTAR	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-91 *262511646-0091*	BASEMENT TOILET SOUTH - 12"X12" VFT LIGHT BROWN	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-92 *262511646-0092*	BASEMENT TOILET SOUTH - 12"X12" VFT LIGHT BROWN	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-93 *262511646-0093*	BASEMENT TOILET SOUTH - 12"X12" VFT LIGHT BROWN	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-94 *262511646-0094*	BASEMENT TOILET SOUTH - ASSO. ADHESIVE	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-95 *262511646-0095*	BASEMENT TOILET SOUTH - ASSO. ADHESIVE	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-96 *262511646-0096*	BASEMENT TOILET SOUTH - ASSO. ADHESIVE	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-97 *262511646-0097*	BASEMENT TOILET SOUTH - 1"X1" OCTAGON CERAMIC FLR TILE	Tan/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-98 *262511646-0098*	BASEMENT TOILET SOUTH - 1"X1" OCTAGON CERAMIC FLR TILE	Tan/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-99 *262511646-0099*	BASEMENT TOILET SOUTH - 1"X1" OCTAGON CERAMIC FLR TILE	Tan/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-100 *262511646-0100*	BASEMENT TOILET SOUTH - GROUT	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-101 *262511646-0101*	BASEMENT TOILET SOUTH - GROUT	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

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			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
JE120525-102 *262511646-0102*	BASEMENT TOILET SOUTH - GROUT	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-103 *262511646-0103*	BASEMENT TOILET SOUTH - MORTAR	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-104 *262511646-0104*	BASEMENT TOILET SOUTH - MORTAR	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-105 *262511646-0105*	BASEMENT TOILET SOUTH - MORTAR				**Insufficient Material**
JE120525-106 *262511646-0106*	BASEMENT HALLWAY/ROOM SOUTH - 12"X12" VFT WHITE/BLACK SPECS	White/Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-107 *262511646-0107*	BASEMENT HALLWAY/ROOM SOUTH - 12"X12" VFT WHITE/BLACK SPECS	White/Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-108 *262511646-0108*	BASEMENT HALLWAY/ROOM SOUTH - 12"X12" VFT WHITE/BLACK SPECS	White/Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-109 *262511646-0109*	BASEMENT HALLWAY/ROOM SOUTH - ASSO. ADHESIVE	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-110 *262511646-0110*	BASEMENT HALLWAY/ROOM SOUTH - ASSO. ADHESIVE	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-111 *262511646-0111*	BASEMENT HALLWAY/ROOM SOUTH - ASSO. ADHESIVE	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-112 *262511646-0112*	EXTERIOR NORTH - WINDOW GLAZE	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-113 *262511646-0113*	EXTERIOR SOUTH - WINDOW GLAZE	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-114 *262511646-0114*	EXTERIOR WEST - WINDOW GLAZE	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-115 *262511646-0115*	EXTERIOR EAST - MORTAR BRICK WHITE	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-116 *262511646-0116*	EXTERIOR SOUTH - MORTAR BRICK WHITE	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120525-117 *262511646-0117*	EXTERIOR NORTH - MORTAR BRICK WHITE	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 12/11/2025 12:20:37

EMSL Analytical, Inc.
4140 Litt Drive Hillside, IL 60162
Tel/Fax: (773) 313-0099 / (773) 313-0139
http://www.EMSL.com / chicagolab@emsl.com

EMSL Order:	262511646
Customer ID:	CARN81
Customer PO:	
Project ID:	

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
JE120525-118	EXTERIOR WEST - BRICK MORTAR	Red Non-Fibrous		100% Non-fibrous (Other)	None Detected
262511646-0118	RED	Homogeneous			
JE120525-119	EXTERIOR WEST - BRICK MORTAR	Red Non-Fibrous		100% Non-fibrous (Other)	None Detected
262511646-0119	RED	Homogeneous			
JE120525-120	EXTERIOR WEST - BRICK MORTAR	Red Non-Fibrous		100% Non-fibrous (Other)	None Detected
262511646-0120	RED	Homogeneous			
JE120525-121	BASEMENT BOILER EXHAUST - CEMENT	Gray Non-Fibrous		100% Non-fibrous (Other)	None Detected
262511646-0121	PATCH	Homogeneous			
JE120525-122	BASEMENT BOILER EXHAUST - CEMENT	Gray Non-Fibrous		100% Non-fibrous (Other)	None Detected
262511646-0122	PATCH	Homogeneous			
JE120525-123	BASEMENT BOILER EXHAUST - CEMENT	Gray Non-Fibrous		100% Non-fibrous (Other)	None Detected
262511646-0123	PATCH	Homogeneous			

Analyst(s)

Emily Weslow (29)
Lauren Swain (10)
Mazen Elkhatib (59)
Rachelle Cullen-Reavill (12)
Shamya Pugh (9)

James Hahn, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 “Interim Method”) but augmented with procedures outlined in the 1993 (”final”) version of the method. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc. Hillside, IL NVLAP Lab Code 200399-0

Initial report from: 12/11/2025 12:20:37

EMSL Analytical, Inc.
4140 Litt Drive Hillside, IL 60162
Tel/Fax: (773) 313-0099 / (773) 313-0139
http://www.EMSL.com / chicagolab@emsl.com

EMSL Order: 262511646
Customer ID: CARN81
Customer PO:
Project ID:

Attention: Dylan Gerhart
Carnow, Conibear, & Assoc. Ltd
600 West Van Buren Street
Suite 500
Chicago, IL 60607
Project: Residence / A163440003

Phone: (312) 439-1268
Fax: (312) 782-5145
Received Date: 12/08/2025 11:34 AM
Analysis Date: 12/10/2025 - 12/16/2025
Collected Date: 12/05/2025

Test Report: Asbestos Analysis of Non-Friable Organically Bound Materials by TEM via EPA/600/R-93/116 Section 2.5.5.1

Sample ID	Description	Appearance	% Matrix Material	% Non-Asbestos Fibers	Asbestos Types
JE120525-16 *262511646-0016*	3RD FLR KITCHEN NORTH - VFT BROWN 12"X12"	Brown Non-Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected
JE120525-43 *262511646-0043*	2ND FLR KITCHEN NORTH - 12"X12" VFT WHITE	Gray/White Non-Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected
JE120525-49 *262511646-0049*	1ST FLR TOILET NORTH - 12"X2" VFT GRAY	Gray Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected
JE120525-91 *262511646-0091*	BASEMENT TOILET SOUTH - 12"X12" VFT LIGHT BROWN	Brown Non-Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected
JE120525-106 *262511646-0106*	BASEMENT HALLWAY/ROOM SOUTH - 12"X12" VFT WHITE/BLACK SPECS	White/Black Non-Fibrous Homogeneous	100.0 Other	None	No Asbestos Detected

Analyst(s)

James Hahn (5)



James Hahn, Laboratory Manager
or other approved signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. EMSL recommends that samples reported as none detected or <1% undergo additional analysis via PLM to avoid the possibility of false negatives.

Samples analyzed by EMSL Analytical, Inc. Hillside, IL

Initial report from: 12/11/2025 11:20:46

OrderID: 262511646

262511646

Carnow, Conibear & Assoc., Ltd.
Environmental Consulting Services
600 W. Van Buren St., Suite 500, Chicago, IL 60607
t: 312.782.4486 f: 312.782.5145
www.ccaltd.com

CHAIN OF CUSTODY RECORD
PLM ASBESTOS

CARNOW CONIBEAR

Client: Tetra Tech **Project #:** A163440003

Housing Site: 15315 S. Wolfe Dr. **Project Name:** Residence

Building #: Harvey, IL **Date:** 12-05-2025

Turn Around: 2 Day **Inspector:** Jose Escobedo

Sample ID/Number:	Sample Description/Location		
TE120525- 01	12"x12" Beige VFT	3rd FLR Toilet	North
-02			South
-03			North
-04	Assa. Adhesive		North
-05			South
-06			North
-07	Red Ceramic		North
-08			South
-09			North
-10	Grout		North
-11			South
-12			North
-13	Mortar		North
-14			South
-15			North
-16	VFT Brown 12"x12"	3rd FLR Kitchen	North
-17	VFT Brown		
-18			

Comments: Please Email Results TO: d.gerhart@carnowconibear.com / Tescobedo@carnowconibear.com

Relinquished By/Date/Time: Jose Escobedo 12-8-2025

Received By/Date/Time:

Relinquished By/Date/Time:

Received By/Date/Time: 12/8/25 WI 11:34 AM

E - 485 7

OrderID: 262511646

-11646

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CHAIN OF CUSTODY RECORD
PLM ASBESTOS

CARNOW CONIBEAR

Client: Tetra Tech **Project #:** A1634400003

Housing Site: 15315 S. Myrtle Dr. **Project Name:** Residence

Building #: Harvey, IL **Date:** 12-05-2025

Turn Around: 2 Day **Inspector:** Jose Escobedo

Sample ID/Number:	Sample Description/Location		
JE120525 -19	Asso. Adhesive	3rd FLR	Kitchen North
-20			
-21			
-22	4"x4" White Ceramic Wall	3rd FLR	Toilet North
-23			
-24			South
-25	Grout		North
-26			
-27			South
-28	Mortar		North
-29			
-30			South
-31	Plaster	3rd FLR	North
-32		2nd FLR	South
-33		1ST FLR	North
-34	Drywall	3rd FLR	South
-35		2nd FLR	North
-36		1 FLR	South

Comments: Please Email Results TO: dgerhart@carnow-ltd.com / jescobedo@carnow-ltd.com

Relinquished By/Date/Time: Jose Escobedo 12-8-2025

Received By/Date/Time:

Relinquished By/Date/Time:

Received By/Date/Time: 12/8/25 WI 11:34 Am

OrderID: 262511646

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t: 312.782.4488 f: 312.782.5145
www.ccaltd.com

CHAIN OF CUSTODY RECORD
PLM ASBESTOS

CARNOW CONIBEAR

Client: Tetra Tech **Project #:** A163440003

Housing Site: 15315 S. Myrtle Dr. **Project Name:** Residence

Building #: Harvey, IL **Date:** 12-05-2025

Turn Around: 2 Day **Inspector:** Jose Escobedo

Sample ID/Number:	Sample Description/Location			
TE120525 -37	Texture Wall	3rd FLR	Stair	Hall
-38		2nd		
-39		1ST		
-40	Asso. Plaster	3rd FLR		
-41		2nd FLR		
-42		1ST FLR		
-43	12"X12" VFT White	2nd FLR	Kitchen	North
-44				
-45				South
-46	Asso. Adhesive			North
-47				
-48				South
-49	12"X2" VFT Gray	1ST FLR	Toilet	North
-50				
-51				
-52	Asso. Adhesive			
-53				
-54				

Comments: Please Email TO: dgerhart@ccaltd.com/ jescobedo@ccaltd.com.

Relinquished By/Date/Time: Jose Escobedo 12-8-2025

Received By/Date/Time:

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Received By/Date/Time: 12/8/25 WT 11:34AM

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CHAIN OF CUSTODY RECORD
PLM ASBESTOS

CARNOW CONIBEAR

Client: Tetra Tech **Project #:** A163440003

Housing Site: 15315 S. Myrtle Dr. **Project Name:** Residence

Building #: Harvey, IL **Date:** 12-05-2025

Turn Around: 2 Days **Inspector:** Jose Escobedo

Sample ID/Number:	Sample Description/Location
IE120525 -55	8"X8" Ceramic Wall Tile 1ST FLR Toilet South
-56	
-57	
-58	Grout
-59	
-60	
-61	Mortar
-62	
-63	
-64	2"x 6" Ceramic Wall Tile
-65	
-66	
-67	Grout
-68	
-69	
-70	Mortar
-71	
-72	

Comments: Please Email TO: dgerhart@ccaltd.com / jescobedo@ccaltd.com.

Relinquished By/Date/Time: Jose Escobedo 12-8-2025

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CHAIN OF CUSTODY RECORD
PLM ASBESTOS

CARNOW CONIBEAR

Client: Tetra Tech **Project #:** A1634400003

Housing Site: 15315 S. Myrtle Dr. **Project Name:** Residence

Building #: Harvey, IL **Date:** 12-05-2025

Turn Around: 2 Day **Inspector:** Jose Escobedo

Sample ID/Number:	Sample Description/Location
IE120525 -73	1"X1" Mosaic FLR Tile — Front Entrance To Building
-74	
-75	
-76	Grout
-77	
-78	
-79	Mortar
-80	
-81	
-82	12"X12" Ceramic FLR Tile
-83	
-84	
-85	Grout
-86	
-87	
-88	Mortar
-89	
-90	

Comments: Please Email TO: Gerbusta.ccaltd.com / josescobedo.ccaltd.com

Relinquished By/Date/Time: Jose Escobedo 12-8-2025

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Relinquished By/Date/Time:

Received By/Date/Time: Kyu B- 12/8/25 WI 11:39 Am

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CHAIN OF CUSTODY RECORD
PLM ASBESTOS

CARNOW CONIBEAR

Client: Tetra Tech **Project #:** A163440003

Housing Site: 15315 S. Myrtle Drive **Project Name:** Residence

Building #: Harvey, IL **Date:** 12-03-2025

Turn Around: 2 Day **Inspector:** Jose Escobedo

Sample ID/Number:	Sample Description/Location
IE120525 -91	12"X12" VFT light Brown — Basement Toilet south
-92	
-93	
-94	Asso. Adhesive
-95	
-96	
-97	1"x1" octagon Ceramic FLR Tile
-98	
-99	
-100	Grout
-101	
-102	
-103	Mortar
-104	
-105	
-106	12"X12" VFT White/Blue streaks — Basement Hallway/Room south
-107	
-108	

Comments: Please Email TO: Jgerbuta@ccaltd.com/Jescobedo@ccaltd.com.

Relinquished By/Date/Time: Jose Escobedo 12-8-2025

Received By/Date/Time:

Relinquished By/Date/Time:

Received By/Date/Time: [illegible] 12/8/25 WI 12/8/25 11:39 AM

OrderID: 262511646

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CHAIN OF CUSTODY RECORD
PLM ASBESTOS

CARNOW CONIBEAR

Client: Tetra Tech **Project #:** A163440003

Housing Site: 15315 S. Myrtle Drive **Project Name:** Residence

Building #: Harvey, IL **Date:** 12-05-2025

Turn Around: 2 Day **Inspector:** Jose Escobedo

Sample ID/Number:	Sample Description/Location		
JE120525 -109	Asso. Adhesive	Basement Hallway #Room	South
-110			
-111			
-112	Window Glaze	Exterior	North
-113			South
-114			West
-115	Mortar Brick White		East
-116			South
-117			North
-118	Brick Mortar Red		West
-119			
-120			
121	Cement Patch	Basement Boiler Exhaust	
122			
123			

Comments: Please Email TO: dgerhart@ccaltd.com/ jescobedo@ccaltd.com

Relinquished By/Date/Time: Jose Escobedo 12-8-2025

Received By/Date/Time:

Relinquished By/Date/Time:

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APPENDIX C

Lead-Based Paint Laboratory Report and Chain of Custody Documentation

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t: 312 782 4486 f: 312 782 5145
www.ccaltd.com

CARNOW CONIBEAR

XRF CALIBRATION CHECK TEST RESULTS

Client: Tetra Tech Date: 12/5/25

Address: 1 S Wacker Dr # 3700, Chicago, IL 60606

XRF Serial #: 2239

XRF Instrument: Viken Detection Pb200e

Inspector/License #: Cares Bailey 1003166

XRF Unit File #:

Calibration Check Tolerance Used: +/- 0.2 mg/cm² on 1. mg/cm² Standard

Time Corrected Mode – Duration of Test is seconds long

CALIBRATION CHECK (Bare Wood)

Calibration Time	1st Reading	2nd Reading	3rd Reading	Average Reading	Difference From Average & 0.0 mg/cm²	Acceptable Yes/No
9:35 am	1.1	0.9	0.9	0.867		Yes

CALIBRATION CHECK (Painted)

Calibration Time	1st Reading	2nd Reading	3rd Reading	Average Reading	Difference Between Average & 0.0 mg/cm²	Acceptable Yes/No
9:37 am	0.9	0.9	0.9	0.9		Yes

CALIBRATION CHECK (Painted)

Calibration Time	1st Reading	2nd Reading	3rd Reading	Average Reading	Difference Between Average & 0.0 mg/cm²	Acceptable Yes/No
1:30 pm	1.0	1.1	1.0	1.03		Yes

CALIBRATION CHECK ( )

Calibration Time	1st Reading	2nd Reading	3rd Reading	Average Reading	Difference Between Average & 0.0 mg/cm²	Acceptable Yes/No

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CARNOW CONIBEAR

XRF CALIBRATION CHECK TEST RESULTS

Client: Tetra Tech Date: 12/5/25

Address: 15315 Myrtle Ave., Harvey, IL 60426

XRF Serial #: X550

XRF Instrument: Heuresis Pb200i

Inspector/License #: Daeja Purnell L 103873

XRF Unit File #:

Calibration Check Tolerance Used: +/- 0.2 mg/cm² on 1.0 mg/cm² Standard

Time Corrected Mode – Duration of Test is seconds long

CALIBRATION CHECK (Bare Wood)

Calibration Time	1st Reading	2nd Reading	3rd Reading	Average Reading	Difference From Average & 1.0 mg/cm²	Acceptable Yes/No
	0.0	0.0	0.0			

CALIBRATION CHECK (Painted)

Calibration Time	1st Reading	2nd Reading	3rd Reading	Average Reading	Difference Between Average & 1.0 mg/cm²	Acceptable Yes/No
	1.0	1.0	1.0			

CALIBRATION CHECK (Painted)

Calibration Time	1st Reading	2nd Reading	3rd Reading	Average Reading	Difference Between Average & 1.0 mg/cm²	Acceptable Yes/No
	1.0	1.0	1.0			

CALIBRATION CHECK ( )

Calibration Time	1st Reading	2nd Reading	3rd Reading	Average Reading	Difference Between Average & 1.0 mg/cm²	Acceptable Yes/No

Lead Based Paint XRF Data Sheet

Client: Tetra Tech Building Address: 15315 Myrtle Ave. City: Harvey Inspection Date: 12/5/25

Area Description: Apartments State: IL Inspector: Daeja Purnell License #: 1003873

XRF Serial #: x550 XRF Instrument: Heuresis Pb200i XRF Unit /File #: Inspector's Signature: D Purnell

XRF Test Shot #	Test Location	Component	Substrate	Color	Condition Assessment Deterioration Present?	Estimated Damage	XRF Reading mg/cm²	Classification P=Positive ≥1.0 N=Negative <1.0
1	Unit 3 N				Y N			P N
7	Living Room	N Wall	Plaster	Beige	Y (N)	–	0.0	P (N)
8	↓	W ↓	↓	↓	Y (N)	–	0.3	P (N)
9	↓	S ↓	↓	↓	Y (N)	–	0.6	P (N)
10	↓	W Windowsill	wood	White	Y (N)	–	0.0	P (N)
11	↓	↓ Window Casing	↓	↓	Y (N)	–	0.0	P (N)
12	↓	↓ Baseboard	↓	↓	Y (N)	–	0.0	P (N)
13	Dining Room	N Wall	Plaster	Beige	Y (N)	–	0.1	P (N)
14	↓	E ↓	↓	↓	Y (N)	–	0.3	P (N)
15	↓	S ↓	↓	↓	Y (N)	–	0.1	P (N)
16	↓	↓ Windowsill	wood	White	Y (N)	–	0.1	P (N)
17	↓	↓ Window casing	↓	↓	Y (N)	–	0.1	P (N)
18	↓	↓ Baseboard	↓	↓	Y (N)	–	0.1	P (N)
19	↓	W Entryway Frame	↓	↓	Y (N)	–	0.0	P (N)
20	Kitchen	N Wall	Plaster	Beige	Y (N)	–	0.0	P (N)
21	↓	E ↓	↓	↓	Y (N)	–	0.2	P (N)
22	↓	S ↓	↓	↓	Y (N)	–	0.3	P (N)
23	↓	↓ Windowsill	wood	White	Y (N)	–	0.1	P (N)
24	↓	↓ Window casing	↓	↓	Y (N)	–	0.1	P (N)
25	↓	E Door	↓	↓	Y (N)	–	0.0	P (N)
26	↓	↓ Frame	↓	↓	Y (N)	–	0.0	P (N)
27	↓	↓ Chair Rail	↓	↓	Y (N)	–	0.0	P (N)
28	Bedroom #1	N Wall	Plaster	Beige	Y (N)	–	0.2	P (N)
29	↓	E ↓	↓	↓	Y (N)	–	0.3	P (N)
30	↓	S ↓	↓	↓	Y (N)	–	0.0	P (N)

CARNOW CONIBEAR

Lead Based Paint XRF Data Sheet

Client: Tetra Tech Building Address: 15315 Myrtle Ave. City: Harvey Inspection Date: 12/5/25

Area Description: Apartments State: IL Inspector: Daeja Arnell License #: L-1003873

XRF Serial #: XS50 XRF Instrument: Heuresis Pb200i XRF Unit /File #: Inspector's Signature: Daeja Arnell

XRF Test Shot #	Test Location	Component	Substrate	Color	Condition Assessment Deterioration Present?	Estimated Damage	XRF Reading mg/cm²	Classification P=Positive ≥1.0 N=Negative <1.0
31	Bedroom #1	W Wall	Plaster	Beige	(Y) N	20SF	0.1	P (N)
32	↓	E Door	Wood	↓	Y (N)	–	0.0	P (N)
33	↓	↓ Frame	↓	White	Y (N)	–	0.3	P (N)
34	↓	N Windowsill	↓	↓	Y (N)	–	0.2	P (N)
35	↓	↓ Window casing	↓	↓	Y (N)	–	0.5	P (N)
36	↓ Closet	E Door	↓	Beige	Y (N)	–	0.0	P (N)
37	↓ ↓	↓ Frame	↓	White	Y (N)	–	0.0	P (N)
38	↓ ↓	Chair Rail	↓	↓	Y (N)	–	0.4	P (N)
39	↓ ↓	↓ Wall	Plaster	Beige	Y (N)	–	0.4	P (N)
40	↓	N Baseboard	Wood	White	Y (N)	–	0.1	P (N)
41	Hallway Closet	↓ Wall	Plaster	Beige	Y (N)	–	0.3	P (N)
42	↓	↓ Chair Rail	Wood	White	Y (N)	–	0.5	P (N)
43	Bathroom	N Wall	Plaster	Beige	Y (N)	–	5.2	(P) N
44	↓	W ↓	↓	↓	Y (N)	–	3.6	(P) N
45	↓	N Windowsill	Wood	White	Y (N)	–	3.2	(P) N
46	↓	Window casing	↓	↓	Y (N)	–	7.3	(P) N
47	Bedroom #2	N Wall	Plaster	Beige	Y (N)	–	0.1	P (N)
48	↓	E	↓	↓	Y (N)	–	0.1	P (N)
49	↓	S	↓	↓	Y (N)	–	0.1	P (N)
50	↓	W	↓	↓	Y (N)	–	0.0	P (N)
51	↓	E Windowsill	Wood	White	Y (N)	–	0.2	P (N)
52	↓	Window casing	↓	↓	Y (N)	–	0.3	P (N)
53	↓	W Door	↓	Beige	Y (N)	–	0.2	P (N)
54	↓	Frame	↓	White	Y (N)	–	0.0	P (N)
					Y (N)	–		P N

CARNOW CONIBEAR

Lead Based Paint XRF Data Sheet

Client: Tetra Tech Building Address: 15315 Myrtle Ave City: Harvey Inspection Date: 12/5/25

Area Description: Apartments State: IL Inspector: Daeja Purnell License #: L-1003813

XRF Serial #: X550 XRF Instrument: Heuresis Pb200i XRF Unit /File #: Inspector's Signature: D Purnell

XRF Test Shot #	Test Location	Component	Substrate	Color	Condition Assessment Deterioration Present?	Estimated Damage	XRF Reading mg/cm²	Classification P=Positive ≥1.0 N=Negative <1.0
	Unit 2N				Y N			P N
55	Living Room	N wall	Plaster	Gray	Y (N)	–	0.0	P (N)
56	↓	W ↓	↓	↓	Y (N)	–	0.0	P (N)
57	↓	windowsill	Wood	White	Y (N)	–	0.2	P (N)
58	↓	window casing	↓	↓	Y (N)	–	0.2	P (N)
59	↓	Baseboard	↓	↓	Y (N)	–	0.4	P (N)
60	Dining Room	N wall	Plaster	Gray	Y (N)	–	0.1	P (N)
61	↓	E ↓	↓	↓	Y (N)	–	0.1	P (N)
62	↓	S windowsill	Wood	White	Y (N)	–	0.1	P (N)
63	↓	↓ window casing	↓	↓	Y (N)	–	0.0	P (N)
64	Kitchen	N wall	Plaster	Gray	Y (N)	–	0.3	P (N)
65	↓	E ↓	↓	↓	Y (N)	–	0.4	P (N)
66	↓	S windowsill	Wood	White	Y (N)	–	0.2	P (N)
67	↓	↓ window casing	↓	↓	Y (N)	–	0.1	P (N)
68	Bedroom #1	N wall	Plaster	Gray	Y (N)	–	0.0	P (N)
69	↓	E ↓	↓	↓	Y (N)	–	0.0	P (N)
70	↓	↓ Door	Wood	White	Y (N)	–	0.0	P (N)
71	↓	N window sill	↓	↓	Y (N)	–	0.0	P (N)
72	↓	↓ window casing	↓	↓	Y (N)	–	0.0	P (N)
73	Bathroom	N widow sill	↓	↓	Y (N)	–	5.2	(P) N
74	↓	↓ window casing	↓	↓	Y (N)	–	7.3	(P) N
75	↓	↓ wall	Plaster	Gray	Y (N)	–	6.4	(P) N
76	↓	W ↓	↓	↓	Y (N)	–	3.2	(P) N
77	Bedroom #2	N ↓	↓	↓	Y (N)	–	0.1	P (N)
78	↓	E ↓	↓	↓	Y (N)	–	0.1	P (N)

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Lead Based Paint XRF Data Sheet

Client: Tetra Tech Building Address: 15315 Mrytle Ave. City: Harvey Inspection Date: 12/5/23

Area Description: Apartments State: IL Inspector: Daeja Arnell License #: L-1003873

XRF Serial #: X550 XRF Instrument: Heuresis Pb200i XRF Unit /File #: Inspector's Signature: D Arnell

XRF Test Shot #	Test Location	Component	Substrate	Color	Condition Assessment Deterioration Present?	Estimated Damage	XRF Reading mg/cm²	Classification P=Positive ≥1.0 N=Negative <1.0
79	Bedroom #2	E Windowsill	Wood	White	Y (N)	-	0.2	P (N)
80	↓	W Door	↓	↓	Y (N)	-	0.0	P (N)
	Unit IN				Y N			P N
81	Living Room	N wall	Plaster	Beige	Y (N)	-	0.0	P (N)
82	↓	W windowsill	wood	White	Y (N)	-	0.3	P (N)
83	Dining Room	N wall	Plaster	Beige	Y (N)	-	0.1	P (N)
84	Kitchen	E ↓	↓	↓	Y (N)	-	0.1	P (N)
85	Bedroom #1	N ↓	↓	↓	Y (N)	-	0.1	P (N)
86	Bedroom #2	↓ ↓	↓	↓	Y (N)	-	0.1	P (N)
87	Bathroom	↓ ↓	↓	↓	Y (N)	-	5.6	(P) N
88	↓	W ↓	↓	↓	Y (N)	-	7.3	(P) N
89	↓	N windowsill	wood	White	Y (N)	-	6.1	(P) N
90	↓	↓ window casing	↓	↓	Y (N)	-	8.3	(P) N
					Y N			P N
					Y N			P N
					Y N			P N
					Y N			P N
					Y N			P N
					Y N			P N
					Y N			P N
					Y N			P N
					Y N			P N
					Y N			P N
					Y N			P N
					Y N			P N
					Y N			P N

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Lead Based Paint XRF Data Sheet

Client: Tetra Tech | Building Address: 15315 Myrtle Avenue | City: Harvey | Inspection Date: 12/5/2025

Area Description: Apartments | State: IL | Inspector: Cares Bailey | License #: 1003166

XRF Serial #: 2295 | XRF Instrument: Viken Detection Pb200e | XRF Unit /File #: | Inspector's Signature:

XRF Test Shot #	Test Location	Component	Substrate	Color	Condition Assessment Deterioration Present?	Estimated Damage	XRF Reading mg/cm^2	Classification P=Positive ≥1.0 N=Negative <1.0
7	3S – Bedroom #1	South Wall	Plaster	Black	Y N		0.3	P N
8	3S – Bedroom #1	East Wall	Plaster	Black	Y N		0.1	P N
9	3S – Bedroom #1	West Windowsill	Wood	White	Y N		0.3	P N
10	3S – Bedroom #1	West Window Frame	Wood	White	Y N		0.1	P N
11	3S – Bedroom #1	North Wall Baseboard	Wood	White	Y N		0.4	P N
12	3S – Bedroom #1	Closet Door	Wood	Cream	Y N		0.4	P N
13	3S – Bedroom #1	Closet Door Frame	Wood	White	Y N		0.4	P N
14	3S – Bedroom #1	Closet Door Jamb	Wood	White	Y N		0.1	P N
15	3S – Bedroom #1	Closet East Wall	Plaster	Tan	Y N		0.0	P N
16	3S – Bedroom #1	Closet Beam	Wood	White	Y N		0.8	P N
17	3S – Bedroom #1	Door	Wood	Cream	Y N		0.2	P N
18	3S – Bedroom #1	Door Frame	Wood	White	Y N		0.0	P N
19	3S – Bedroom #1	Door Jamb	Wood	White	Y N		0.1	P N
20	3S – Living Room	North Wall	Plaster	Beige	Y N		0.2	P N
21	3S – Living Room	West Windowsill	Wood	White	Y N		0.3	P N
22	3S – Living Room	West Window Frame	Wood	White	Y N		0.1	P N
23	3S – Living Room	South Wall Baseboard	Wood	White	Y N		0.3	P N
24	3S – Living Room	Entryway Frame	Wood	White	Y N		0.1	P N
25	3S – Dining Room	North Wall	Plaster	Beige	Y N		0.2	P N
26	3S – Dining Room	North Windowsill	Wood	White	Y N		0.2	P N
27	3S – Dining Room	North Window Frame	Wood	White	Y N		0.1	P N
28	3S – Dining Room	South Wall Baseboard	Wood	White	Y N		0.1	P N
29	3S – Dining Room	Entryway Frame	Wood	White	Y N		0.1	P N
30	3S – Kitchen	Entryway Frame	Wood	White	Y N		0.5	P N
31	3S – Kitchen	South Wall	Plaster	White	Y N		0.3	P N

CARNOW CONIBEAR

Lead Based Paint XRF Data Sheet

Client: Tetra Tech Building Address: 15315 Myrtle Avenue City: Harvey Inspection Date: 12/5/2025

Area Description: Apartments State: IL Inspector: Cares Bailey License #: 1003166

XRF Serial #: 2295 XRF Instrument: Viken Detection Pb200e XRF Unit /File #: Inspector's Signature:

XRF Test Shot #	Test Location	Component	Substrate	Color	Condition Assessment Deterioration Present?	Estimated Damage	XRF Reading mg/cm²	Classification P=Positive ≥1.0 N=Negative <1.0
32	3S – Kitchen	South Wall	Plaster	Beige	Y N		0.2	P N
33	3S – Kitchen	West Window Frame	Wood	White	Y N		0.7	P N
34	3S – Kitchen	West Windowsill	Wood	White	Y N		0.8	P N
35	3S – Bathroom	Door Frame	Wood	White	Y N		0.0	P N
36	3S – Bathroom	Door Jamb	Wood	White	Y N		0.1	P N
37	3S – Bathroom	Door	Wood	Cream	Y N		0.2	P N
38	**3S – Bathroom**	**Window Frame**	**Wood**	**White**	**Y N**		**4.6**	**P** N
39	**3S – Bathroom**	**Windowsill**	**Wood**	**White**	**Y N**		**5.3**	**P** N
40	**3S – Bathroom**	**South Wall**	**Plaster**	**White**	**Y N**		**2.8**	**P** N
41	3S – Bathroom	West Wall	Drywall	White	Y N		0.7	P N
42	3S – Bedroom #2	Door	Wood	Cream	Y N		0.1	P N
43	3S – Bedroom #2	Door Frame	Wood	White	Y N		0.0	P N
44	3S – Bedroom #2	Door Jamb	Wood	White	Y N		0.1	P N
45	3S – Hallway Closet	East Wall	Plaster	Beige	Y N		0.0	P N
46	3S – Hallway Closet	Beam	Wood	White	Y N		0.2	P N
47	3S – Hallway Closet	Shelf	Wood	White	Y N		0.1	P N
48	3S – Hallway Closet	Door Jamb	Wood	White	Y N		0.1	P N
49	3S – Hallway Closet	Door Frame	Wood	White	Y N		0.1	P N
50	3S – Hallway Closet	Door	Wood	Cream	Y N		0.1	P N
51	Shared Hallway	Chair Rail	Wood	Beige	Y N		0.1	P N
52	Shared Hallway	Windowsill	Wood	Brown	Y N		0.3	P N
53	Shared Hallway	Window Frame	Wood	Brown	Y N		0.0	P N
54	2S – Bedroom #1	South Wall	Plaster	Cream	Y N		0.1	P N
55	2S – Bedroom #1	West Windowsill	Wood	Stained	Y N		0.2	P N
56	2S – Bedroom #1	West Windowsill	Wood	Stained	Y N		0.1	P N

CARNOW CONIBEAR

Lead Based Paint XRF Data Sheet

Client: Tetra Tech | Building Address: 15315 Myrtle Avenue | City: Harvey | Inspection Date: 12/5/2025

Area Description: Apartments | State: IL | Inspector: Cares Bailey | License #: 1003166

XRF Serial #: 2295 | XRF Instrument: Viken Detection Pb200e | XRF Unit /File #: | Inspector's Signature:

XRF Test Shot #	Test Location	Component	Substrate	Color	Condition Assessment Deterioration Present?	Estimated Damage	XRF Reading mg/cm²	Classification P=Positive ≥1.0 N=Negative <1.0
57	2S – Bedroom #1	South Wall Baseboard	Wood	Stained	Y N		0.1	P N
58	2S – Bedroom #1	Closet Door Frame	Wood	Stained	Y N		0.1	P N
59	2S – Bedroom #1	Closet Door Jamb	Wood	Stained	Y N		0.1	P N
60	2S – Bedroom #1	Closet Door	Wood	Stained	Y N		0.1	P N
61	2S – Bedroom #1	Closet Beam	Plaster	White	Y N		0.2	P N
62	2S – Bedroom #1	Closet East Wall	Plaster	White	Y N		0.0	P N
63	2S – Living Room	South Wall	Plaster	White	Y N		0.2	P N
64	**2S – Bathroom**	**Windowsill**	**Wood**	**White**	**Y N**		**4.7**	**P** N
65	**2S – Bathroom**	**Window Frame**	**Wood**	**White**	**Y N**		**3.3**	**P** N
66	**2S – Bathroom**	**South Wall**	**Plaster**	**Beige**	**Y N**		**3.0**	**P** N
67	**2S – Bathroom**	**West Wall**	**Plaster**	**Beige**	**Y N**		**2.0**	**P** N
68	1S – Dining Room	South Wall	Drywall	Gray	Y N		0.0	P N
69	1S – Dining Room	South Wall Baseboard	Wood	White	Y N		0.1	P N
70	**1S – Bathroom**	**Windowsill**	**Wood**	**White**	**Y N**		**5.3**	**P** N
71	**1S – Bathroom**	**Window Frame**	**Wood**	**White**	**Y N**		**4.1**	**P** N
72	**1S – Bathroom**	**South Wall**	**Plaster**	**Tan**	**Y N**		**1.7**	**P** N
73	Basement – Laundry Room	North Wall	Brick	Gray	Y N		0.2	P N
74	**Basement – Small Storage Rm**	**Door Frame**	**Wood**	**Green**	**Y N**		**10.6**	**P** N
75	**Basement – Small Storage Rm**	**Door Jamb**	**Wood**	**Green**	**Y N**		**8.1**	**P** N
76	**Basement – Small Storage Rm**	**Window Frame**	**Wood**	**Green**	**Y N**		**10.3**	**P** N
77	**Basement – Small Storage Rm**	**Windowsill**	**Wood**	**Green**	**Y N**		**6.8**	**P** N
78	Basement – Small Storage Rm	West Wall	Brick	Light Blue	Y N		0.1	P N
79	**Basement – Entryway**	**Door Frame**	**Wood**	**Gray**	**Y N**		**9.1**	**P** N
80	**Basement – Entryway**	**Door Jamb**	**Wood**	**Gray**	**Y N**		**7.5**	**P** N
81	Basement – Main Room	South Wall	Brick	Light Green	Y N		0.2	P N

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Lead Based Paint XRF Data Sheet

Client: Tetra Tech | Building Address: 15315 Myrtle Avenue | City: Harvey | Inspection Date: 12/5/2025

Area Description: Apartments | State: IL | Inspector: Cares Bailey | License #: 1003166

XRF Serial #: 2295 | XRF Instrument: Viken Detection Pb200e | XRF Unit /File #: | Inspector's Signature:

XRF Test Shot #	Test Location	Component	Substrate	Color	Condition Assessment Deterioration Present?	Estimated Damage	XRF Reading mg/cm^2	Classification P=Positive ≥1.0 N=Negative <1.0
82	Front Entrance	Door Jamb	Wood	Cream	Y N		0.1	P N
83	Front Entrance	Door Frame	Wood	Cream	Y N		0.1	P N
84	**Exterior – Back Porch**	**Pilar**	**Metal**	**Black**	**Y N**		**5.8**	**P** N
85	**Exterior – Back Porch**	**Cross Beam**	**Metal**	**Black**	**Y N**		**3.5**	**P** N
86	Exterior – Back Porch	Stair Riser	Metal	Black	Y N		0.1	P N
87	Exterior – Back Porch	Stair Tread	Metal	Black	Y N		0.1	P N
88	Exterior – Window	Window Bars	Metal	Black	Y N		0.1	P N
89	**Exterior – Backyard**	**Poles**	**Metal**	**Gray**	**Y N**		**2.3**	**P** N

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APPENDIX D

Photographic Documentation



Photo 1 – Roof and Roofing Materials (Assumed ACM)

HAZARODUS MATERIALS BUILIDNG SURVEY

RESIDENTIAL HOUSE

15317 Myrtle Ave
Harvey, Illinois 60426

PREPARED FOR

Metropolitan Water Reclamation District of Greater Chicago (MWRD)
111 East Erie Street
Chicago, Illinois 60611

PREPARED BY

A3 Environmental, LLC
3030 Warrenville Road, Suite 418
Lisle, Illinois 60532
T: 888-405-1742

Project Number: 2025.0320
Date: June 20, 2025

1.0 SITE DESCRIPTION 1

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A3 Environmental, LLC
T: (888) 405-1742
F: (630) 507-9003
Info@A3E.com

Job Number 2025.0320

Metropolitan Water Reclamation District of Greater Chicago (MWRD)
Mr. Mark Leibrock
111 East Erie Street Suite 330
Chicago, Illinois 60611

Hazardous Materials Building Survey
Vacant Residential House
15317 Myrtle Avenue
Harvey, Illinois 60426

Dear: Mr. Leibrock:

A3 Environmental, LLC (A3E) is pleased to submit this Hazarodus Materials Building Survey to Include a Lead Based Paint (LBP) Survey, Hazardous Materials Survey (HMS) and Asbestos Containg Materials (ACM) Survey report for the property located at 15317 Myrtle Avenue in Harvey, Illinois (the "Site").

1.0 SITE DESCRIPTION

The Site is a vacant 1,452 square foot one story residential house with basement and detached garage that was built in 1893 (according to real estate listings).

2.0 ACM SURVEY

The ACM Survey was conducted to categorize the different homogeneous materials within the building, to assess the condition of suspect asbestos-containing materials (ACMs), to develop and implement an asbestos sampling plan, and identify or negate the presence of asbestos through laboratory analysis.

2.1 ACM Executive Summary

The 15317 Myrtle Avenue Site is a one with partial second story vacant residential home that has a basement and is slab on grade. The house is constructed of wood with exterior transite siding, interior drywall walls and a pitched roof with asphalt shingles. There are hardwood floors with vinyl and ceramic floor tiles. The detached garage is made of wood and is slab on grade.

The field activities were conducted on April 30th, 2025, by Mr. Patrick W. Hook, a licensed Illinois Department of Public Health (IDPH) asbestos inspector. A3E collected a total of 39 bulk samples of suspect ACMs from 13 homogeneous materials identified at the 15314

A3 Environmental, LLC
T: (888) 405-1742
F: (630) 507-9003
Info@A3E.com

Myrtle Avenue Site. It is important to note that in many instances, additional material layers (i.e. mastics/glues/adhesives/layers) associated with the 39 bulk samples were also analyzed, thus increasing the total number of samples to 59.

Asbestos includes chrysotile, amosite, crocidolite, anthophyllite, tremolite and actinolite (fibrous minerals). The analytical report relates only to the samples tested. Samples were analyzed using Polarized Light Microscopy (PLM) with dispersion staining via EPA Method 600/R-93/116 or equivalent for bulk asbestos materials. The reliable limit of detection of this method is one percent (1%) asbestos content. When no asbestos is detected in the sample submitted, the results are reported as *None Detected.* If a sample contains greater than 1% asbestos, it is considered to be an asbestos-containing material by the United States Environmental Protection Agency- National Emission Standards for Hazardous Air Pollutants (EPA-NESHAPs), the United States Occupational Safety and Health Administration (OSHA), the Cook County Department of Environment and Sustainability (CCDES), the Illinois Environmental Protection Agency (IEPA) and the Illinois Department of Public Health (IDPH). However, if a material contains less than 1% asbestos, certain work practice requirements and prohibitions of the OSHA Asbestos in Construction Standard (29 CFR 1926.1101) must be followed (during activities where materials are disturbed such as re-modeling or demolition).

Suspect materials such as floor tile, mastics, glues, adhesives, ceramics and roofing are classified as Non-friable Organically Bound (NOB) materials. As such the EPA recommends, but is not required, further analysis of these type materials using Transmission Electron Microscopy (TEM) analysis or the EPA 600/R-93/116 400 Point Count Method for PLM samples identified to be less than 10% asbestos or to be inconclusive by PLM. TEM and/or point counting were not included in the base scope of services for this project.

In accordance with the Agreement, this ACM Survey focused on major interior and exterior building systems and components with potential to contain asbestos. It is possible that additional suspect or assumed ACMs may be present within inaccessible areas of the building, such as above fixed ceilings, within wall systems, behind walls, beneath layers of flooring, roof core layers, within pipe chases, in mechanical equipment insulation, in electrical components, and within HVAC equipment; therefore, these materials may not have been observed or sampled during this ACM Survey. It should be noted that any other suspect materials within the site building not sampled as part of this limited ACM Survey should be assumed to be ACM until proven otherwise prior to future renovation or demolition activities.

A3 Environmental, LLC
T: (888) 405-1742
F: (630) 507-9003
Info@A3E.com

2.2 Sampling Protocol

Bulk samples of each material suspected to contain asbestos were collected utilizing a modified Asbestos Hazard Emergency Response Act (AHERA) sampling protocol (AHERA, 40 CFR763.86), OSHA General Industry Standard 29 CFR 1910.1001, OSHA Asbestos Construction Standard 29 CFR 1926.1101, IEPA and IDPH rules and requirements.

Suspect ACMs were identified, and bulk samples were collected by a IDPH Licensed Asbestos Inspector and submitted for laboratory analysis. The EPA, OSHA, CCDES, IEPA and IDPH define ACM as a material that contains greater than one percent (1%) asbestos.

2.3 Laboratory Analysis

Submitted suspect ACM bulk samples were analyzed by TEM Environmental (TEM) located in Glendale Heights, Illinois. TEM is a National Voluntary Laboratory Accreditation Program (NVLAP) accredited laboratory, an American Industrial Hygiene Association (AIHA) accredited institution, and is also certified in Illinois. Bulk samples were analyzed using PLM EPA Method 600/R-93/116. Copies of the laboratory chain of custody and analytical report documentation are provided in the Appendix.

2.4 Limitations & Exceptions of Survey

Site observations are of the conditions observed at the time of the site reconnaissance.

A3E notes the following limitations:

All materials that are positive for asbestos have been quantified by A3E as good faith estimates. These good faith estimates should be verified by any general contractor or abatement company, prior to commencement of work, to determine the actual amount of identified materials that needs to be removed/abated.

It is also possible that additional suspect or assumed ACMs may be present within inaccessible areas of the building, such as above fixed ceilings, in wall systems, behind walls, beneath layers of flooring, roof core layers, within pipe chases, in mechanical equipment insulation, in electrical components, and within HVAC equipment; therefore, these materials may not have been observed or sampled during this limited ACM Survey. It should be noted that any other suspect materials within the site building not sampled as part of this limited ACM Survey should be assumed to be ACM until proven otherwise prior to future renovation or demolition activities.

A3 Environmental, LLC
T: (888) 405-1742
F: (630) 507-9003
Info@A3E.com

2.5 Results

Bulk sampling of homogeneous areas containing suspect ACMs was conducted at the site. A homogeneous area is defined as an area of surfacing material, thermal system insulation material or miscellaneous material that is uniform in appearance, color and texture, and was applied at the same time.

Prior to collection of suspect materials, the sample location was sprayed with amended water to minimize fiber release and to soften the building material being sampled. Bulk materials were sampled from the center of the wetted area. After the sample was taken, the bulk material was placed in a sample bag which was sealed to prevent escape or contamination of outside sources. A unique sample number was assigned to each sample and the sample bag was labeled with that number.

Asbestos includes chrysotile, amosite, crocidolite, anthophyllite, tremolite and actinolite (fibrous minerals). The analytical report relates only to the samples tested. Samples were analyzed using PLM with dispersion staining via EPA Method 600/R-93/116 or equivalent for bulk asbestos materials. The reliable limit of detection of this method is one percent (1%) asbestos content. When no asbestos is detected in the sample submitted, the results are reported as *None Detected.* If a sample contains greater than 1% asbestos, it is considered to be an asbestos-containing material by EPA-NESHAPs, OSHA, CCDES IEPA and IDPH. The following tables describes materials sampled, locations, analytical results, friability, condition, and quantity estimates of materials sampled at the building. Building materials identified at the facility to contain greater than 1% asbestos are bolded.

SAMPLE #	DESCRIPTION	MATERIAL LOCATION	LAB RESULTS	FRIABILITY/ CONDITION	ESTIMATED QUANTITY	NOTES
DI1-A,B	Duct Insulation Remnants	Basement	**60%-65% Chrysotile 60%-65% Chrysotile**	Friable/ Damaged	6 SF	
FB1-A,B,C	Flue Brick Masonry	Basement	ND ND ND	Non-Friable/ Good	150 SF	No Mortar
DWS1-A,B,C,D	Drywall System (Tape, Drywall, Joint Compound	Throughout	ND ND ND ND	Non-Friable/ Good	3,500 SF	

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A3 Environmental, LLC
T: (888) 405-1742
F: (630) 507-9003
Info@A3E.com

FT1-A,B,C	12"x12" Brown & Beige Marble Pattern Floor Tile & Mastic	Front Foyer	ND ND ND	Non-Friable/ Good	28 SF	
TP1-A,B,C	Tar Paper/ Mastic Remnant	Bedroom 1	ND ND ND	Non-Friable/ Good	154 SF	Under Carpet
CFT1-A,B,C	12"x12" White & Tan Mottle Ceramic Floor Tile & Adhesive	Kitchen	ND ND ND	Non-Friable/ Good	156 SF	
FT2-A,B,C	3'x6' Dark Gray Wood Pattern Floor Tile & Adhesive	Bathroom	ND ND ND	Non-Friable/ Good	48 SF	
CWT1-A,B,C	2.5"x2.5" White Ceramic Wall Tile	Bathroom	ND ND ND	Non-Friable/ Good	64 SF	
SH1-A,B,C	Black Roof Shingle	Garage Roof	ND ND ND	Non-Friable/ Good	320 SF	
TS1-A,B,C	Gray Transite Siding	Exterior House Walls	**10%-15% Chrysotile** **10%-15% Chrysotile** **10%-15% Chrysotile**	Non-Friable/ Good	1,000 SF	
FP1-A,B,C	Felt/Tar Paper	Exterior House Walls	ND ND ND	Non-Friable/ Good	1,000 SF	Under TS1
SH2-A,B,C	Black Roof Shingle	House Roof	ND ND ND	Non-Friable/ Good	1,200 SF	

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F: (630) 507-9003
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FP2-A,B,C	Felt/Tar Paper	House Roof	ND ND ND	Non-Friable/ Good	1,200 SF	Under SH2

2.5.1 Survey Method & Results

The field activities were conducted on April 30th, 2025, by Mr. Patrick W. Hook, a licensed Illinois Department of Public Health (IDPH) asbestos inspector. A3E collected a total of 39 bulk samples of suspect ACMs from 13 homogeneous materials identified at the 15314 Myrtle Avenue Site. It is important to note that in many instances, additional material layers (i.e. mastics/glues/adhesives/layers) associated with the 39 bulk samples were also analyzed, thus increasing the total number of samples to 59.

The following building materials were identified at the 15317 Myrtle Avenue residence to contain greater than 1% asbestos; therefore, the building materials are required to be treated as regulated ACMs:

- **1,000 square feet of gray Transite siding located on the exterior of the residence**
- **6 square feet of duct insulation remnants in two locations in basement**

3.0 LEAD SURVEY

A comprehensive LBP Inspection of accessible buildings and rooms was performed on this Property. The purpose of this inspection was to determine the presence or absence of Lead Based Paint (LBP), as defined by the United States Environmental Protection Agency (USEPA) and the Illinois Department of Public Health (IDPH). This inspection was conducted on May 1, 2025 by James W. Sundberg (License Number IL1743).

Even though not applicable on this type of property, the protocol used for this inspection is based on the practices and procedures in the United States Department of Housing and Urban Development's (HUD) Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing, 2012 Revision (HUD Guidelines) and the United States Environmental Protection Agency's (USEPA) 40 CFR Part 745 (Lead; Identification of Dangerous Levels of Lead; Final Rule; January 5, 2001), It should be noted that the Occupational Safety and Health Administration (OSHA) Lead in Construction Standard (29 CFR 1926.62) does not define Lead Based Paint (LBP). A modified, comprehensive inspection by building of building WAS performed. Although all painted, varnished, and shellacked components on a room by room basis were tested, limited numbers of walls (about 2) per room were tested.

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The Inspection was conducted utilizing the Viken Detection (formerly Heuresis Pb200i XRF (Serial Number 2187). The XRF fieldwork was conducted in accordance with the guidelines outlined in the EPA Performance Characteristic Sheet (Attached). In addition, please note the report does not label locations as North, South, East, and West. It utilizes A, B, C, and D. For this report, Wall A corresponds to the West Wall (Street Address Side) in every room. Walls B, C, and D are labeled from Wall A in a clockwise manner. For this project, Wall A is to the West, Wall B is to the North, Wall C is to the East, and Wall D is to the South.

Component by component testing on a room by room basis was performed throughout the property. It was attempted to test all components that were painted, varnished, or shellacked. Some readings were above the United States Environmental Protection Agency (USEPA) and Illinois Department of Public Health (IDPH) Regulatory Level of 1.0 mg/cm². Table I, below, contains a summary of the generic components that tested POSITIVE for LBP on this property. Since all accessible, painted components were tested, components not listed in the table below tested negative for LBP.

15317 MYRTLE AVE - GENERIC COMPONENTS POSITIVE FOR LBP	
ROOM	**COMPONENT**
Exterior House	Transite Walls
	Wood Soffit and Fascia
	Older Wood Window Components
Exterior Back Porch	Wood Support Beams
Interior Basement	Wood Support Beams and Columns
	Wall C Wood Door Panel
Interior 2 Bedroom	Metal Balusters
All Components in some form of deteriorated condition.	

4.0 HAZARDOUS MATERIALS SURVEY

This section summarizes the findings of a hazardous/universal waste materials survey walkthrough and evaluation performed by A3 Environmental, LLC (A3E) on April 2, 2025 at the Vacant Residential House located at 15317 Myrtle Avenue in Chicago, Illinois. The walkthrough consisted of an evaluation and quantification of universal wastes, chemicals, equipment, and other environmentally sensitive materials that will likely be encountered during any future building demolition or renovation activities. These materials should be accounted for and removed prior to, or in conjunction with, these activities if not to remain in use.

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4.1 Polychlorinated Biphenyls (PCBs)

A3E conducted a site reconnaissance to locate, identify and quantify potential PCB-containing items. No fluorescent bulbs or ballasts were observed.

4.2 Universal Wastes

Under the US Environmental Protection Agency's (US EPA) Universal Waste Rule (40 CFR 273), certain common hazardous wastes (called universal wastes) can be managed under less stringent requirements that those of the Resource Conservation and Recovery Act (RCRA) Hazardous Waste rules. The categories of waste identified by the US EPA as Universal Waste are: Recalled or Unused Pesticides, Hazardous Waste Batteries, Mercury-Containing Thermostats, and Hazardous Waste Lamps.

These Federal rules provide states with the authority to add categories of waste that may be managed as universal waste within the state. The State of Illinois has established standards for the management of universal waste. These standards are listed in the Illinois Administrative Code: Title 35, Subtitle G, Chapter 1, Subpart c, Part 733. The State of Illinois has not opted to include any additional wastes beyond those identified by the US EPA in its Universal Waste Standard. However, the State of Illinois has redefined US EPA's category Mercury-Containing Thermostats and as a result developed two categories: Mercury Thermostats and Mercury-Containing Equipment.

The following Universal Wastes were identified at the site:

Mercury Thermostats/Regulators

A3E observed one thermostat in the residence. Numerous light fixtures/ceiling fans with standard light bulbs were observed throughout the residence (please refer to figues for light fixture locations).

4.3 Other Hazardous Containing Materials

A3E did observe a gas meter, eletric box, cable box, electric meter, breaker box, an HVAC unit, aerial antenna, jacuzzi motor, doorbell unit and alarm and smoke/fire alarms (please see figures for locations).

Some of the items discussed in this report can be recycled by using state and local (City of Chicago, Cook County, IEPA) resources. Items need to be collected and transported to these recycling facilities where some fees may apply.

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5.0 FINDINGS & CONCLUSIONS

Metropolitan Water Reclamation District of Greater Chicago (MWRD) retained A3 Environmental (A3E) to conduct an Asbestos-Containing Material Survey (ACM Survey), Lead Based Paint Survey and Hazardous Materials Survey of the control buildings located at 15317 Myrtle Avenue Harvey, Cook, Illinois 60426 (the facility or building).

ACM Survey: The following building materials were identified at the 15317 Myrtle Avenue residence to contain greater than 1% asbestos; therefore, the building materials are required to be treated as regulated ACMs:

- **1,000 square feet of gray Transite siding located on the exterior of the residence**
- **6 square feet of duct insulation remnants in two locations in basement**

Lead Survey: The Folowing building components were identified at the 15300 Myrtle Avenue residence to contain greater than 1.0 mg/cm² of lead.

- **Exterior House - Transite walls, wood soffit and fascia, older wood window components**
- **Exterior Back Porch - wood support beams**
- **Interior Basement - wood support beams and columns, wall C wood door panel**
- **Interior 2 Bedroom - metal balusters**

Hazardous Materials Survey:

- **A3E observed one thermostat and numerous light fixtures/ceiling fans with standard light bulbs were observed throughout the residence. A3E did observe a gas meter, eletric box, cable box, electric meter, breaker box, an HVAC unit, aerial antenna, jacuzzi motor, doorbell unit and alarm and smoke/fire alarms (please see figures for locations). These materials should be removed or recycled properly prior to demolition.**

6.0 SIGNATURE OF ENVIRONMENTAL PROFESSIONALS

These surveys were performed as described in the authorized Agreement between Metropolitan Water Reclamation District of Greater Chicago (MWRD) and A3E dated February 12, 2025 and documents the sampling methodology used by qualified

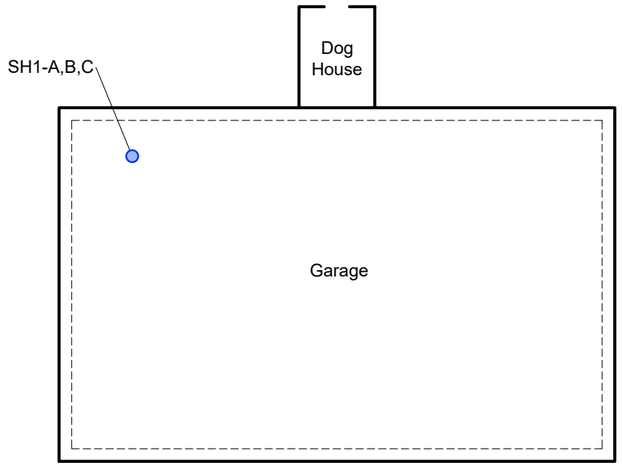
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F: (630) 507-9003
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environmental professionals of A3E to obtain, identify, and summarize information pertaining to ACMs located at the Vacant Residential House located at 15317 Myrtle Avenue Harvey, Cook, Illinois 60426 (the facility or building).

Report Prepared By:

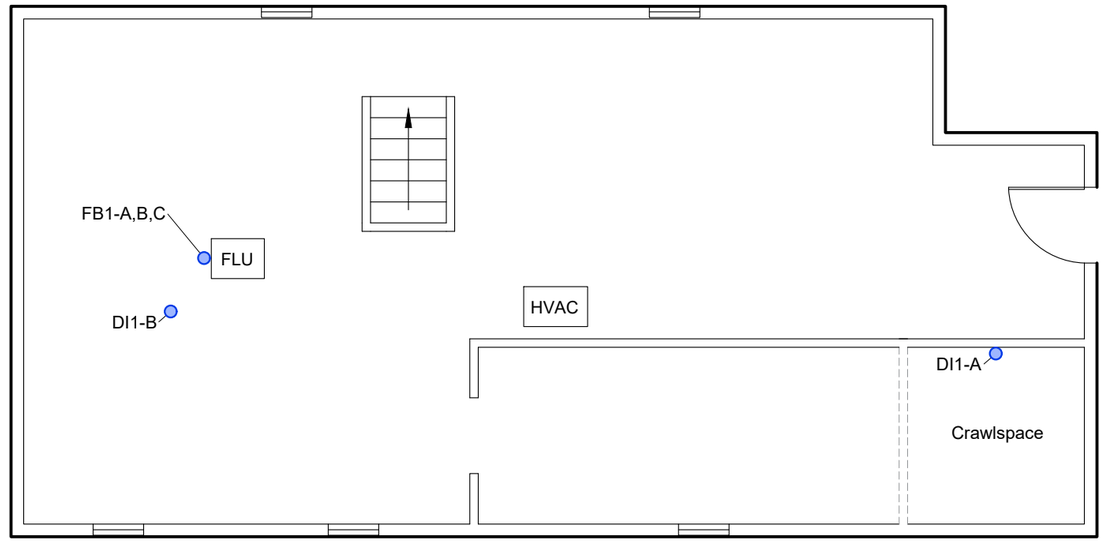


Patrick W. Hook PG
Lead Consultant, EPA AHERA Certified Asbestos Building Inspector, Project Manager, IDPH #100-10967



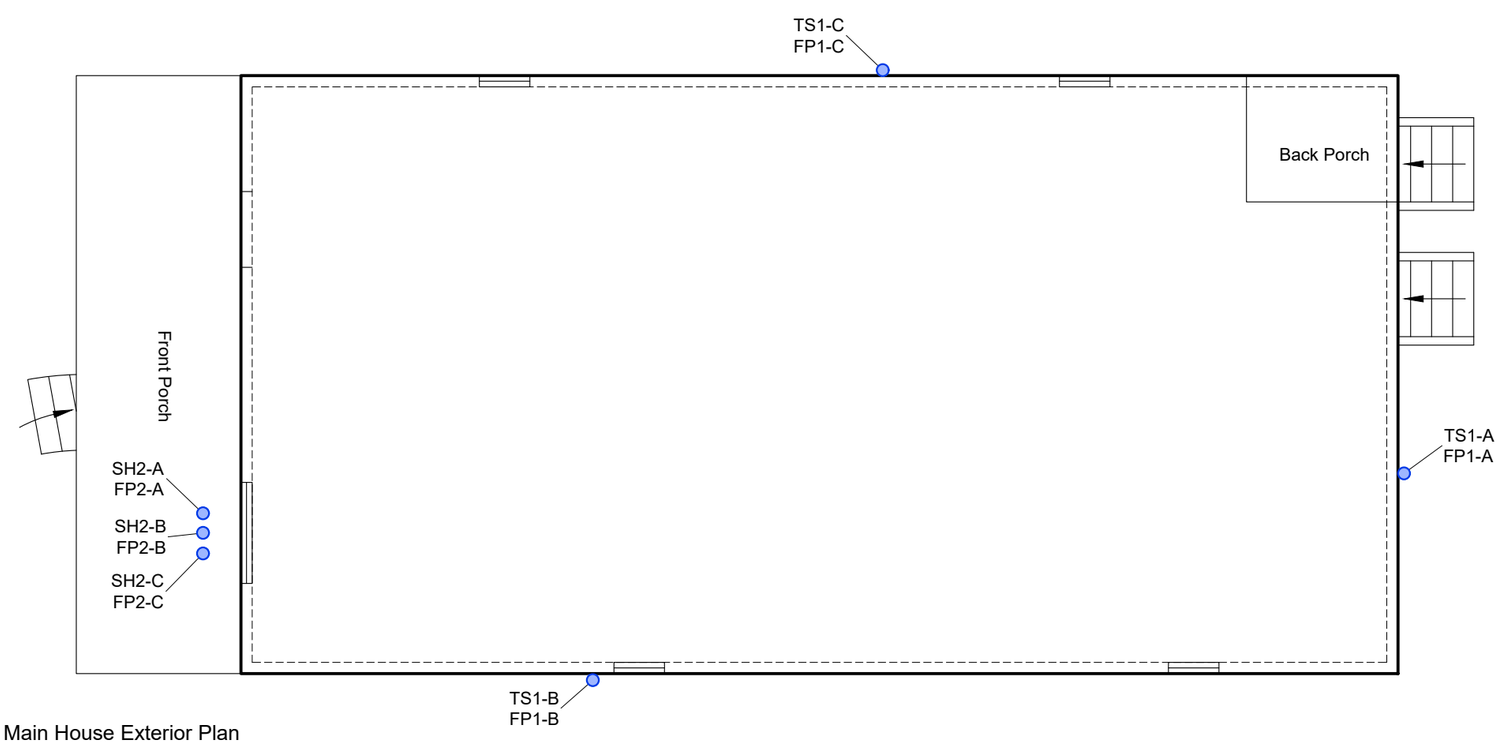
Garage/Dog House Exterior Plan

SCALE: 1"=6'-0"



Basement Floor Plan

SCALE: 1"=6'-0"



Main House Exterior Plan

SCALE: 1"=6'-0"

A3E CONSULTANTS

Legend

Sample Location

REV #	DESCRIPTION	DATE

SITE:
15317 Myrtle Avenue
Harvey, IL 60426

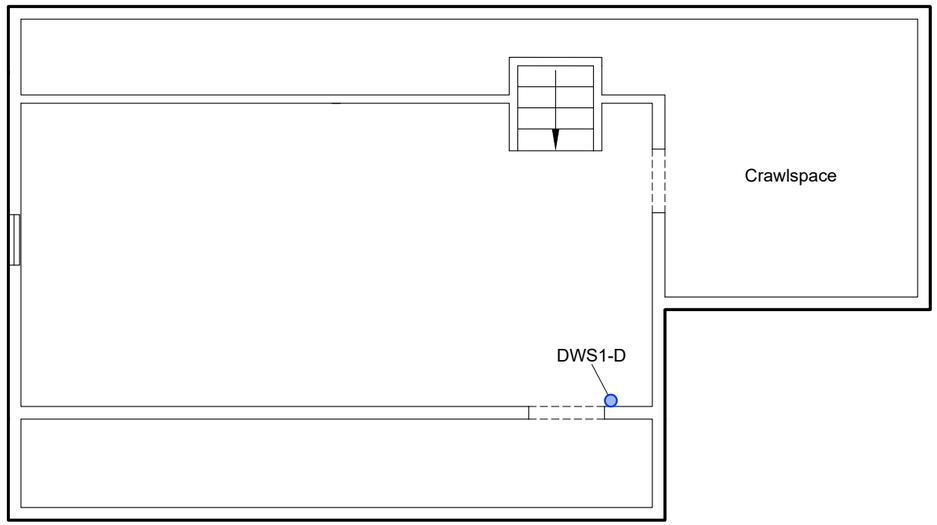
PROJECT NUMBER: 2025.0320

DATE: 06.05.2025

SCALE: 1" = 6'-0"

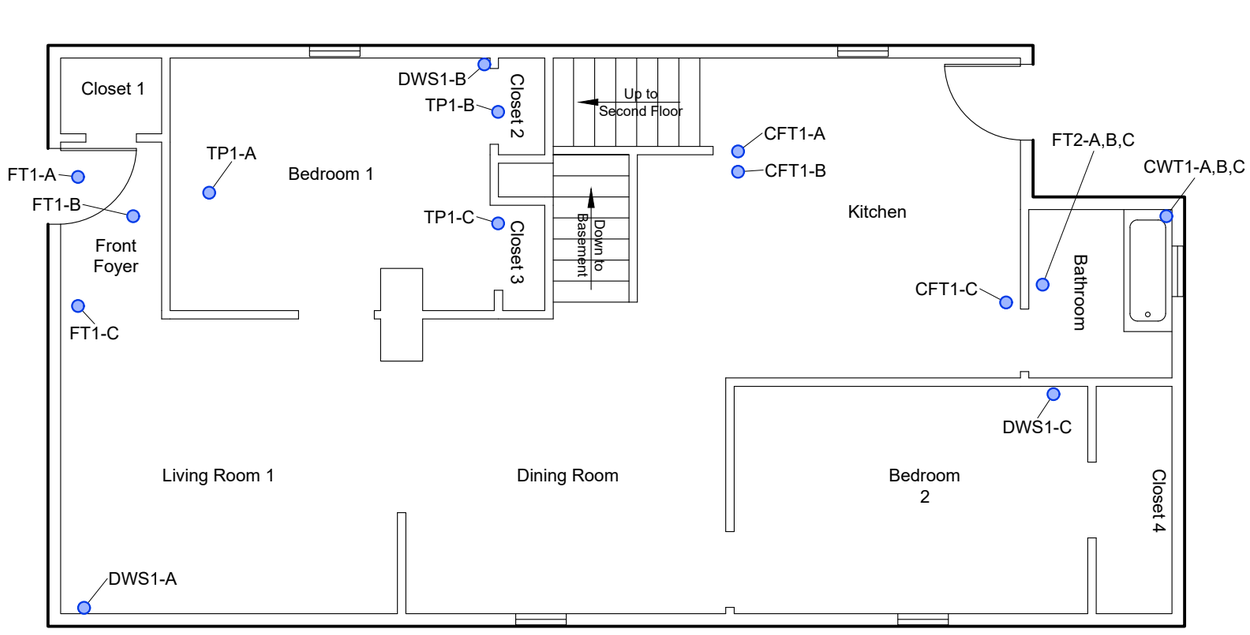
DWG:
ASBESTOS SAMPLE LOCATION MAP

PAGE: 1



Second Floor Plan

SCALE: 1"=6'-0"



First Floor Plan

SCALE: 1"=6'-0"

A3E CONSULTANTS

Legend

Sample Location

REV #	DESCRIPTION	DATE

SITE:
15317 Myrtle Avenue
Harvey, IL 60426

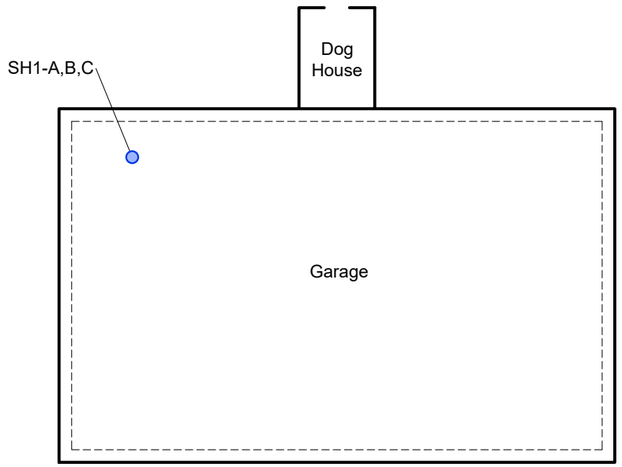
PROJECT NUMBER: 2025.0320

DATE: 06.05.2025

SCALE: 1" = 6'-0"

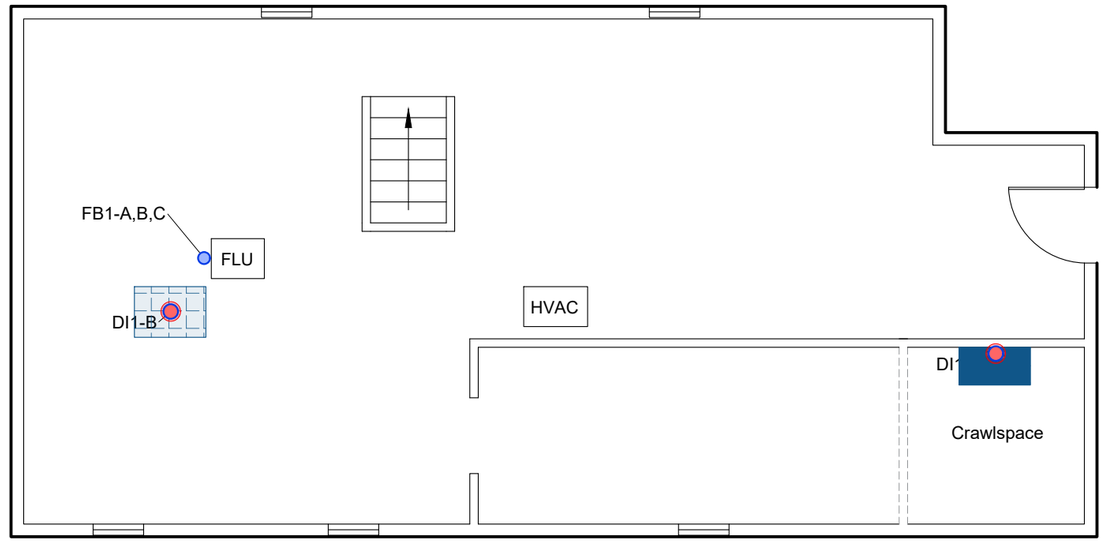
DWG:
ASBESTOS SAMPLE LOCATION MAP

PAGE: 2



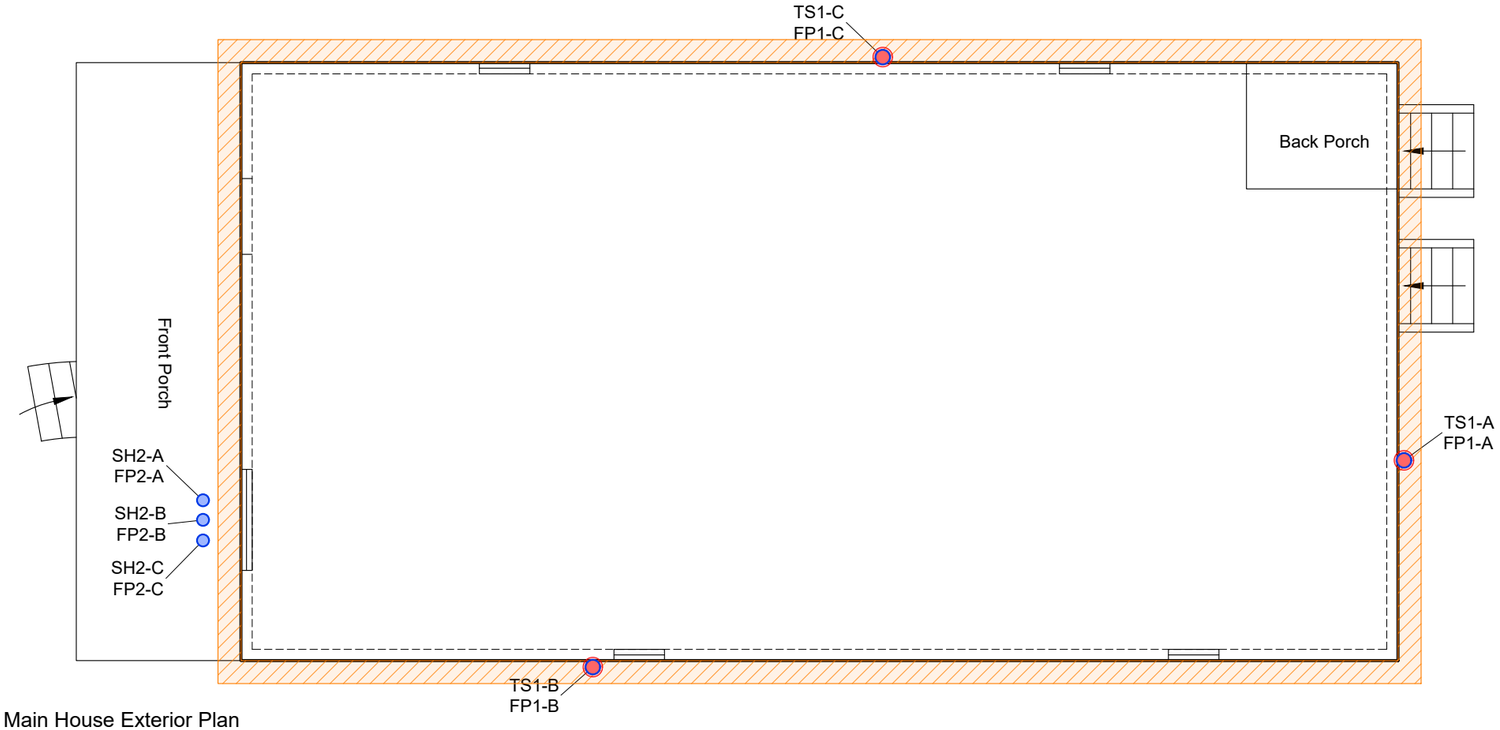
Garage/Dog House Exterior Plan

SCALE: 1"=6'-0"



Basement Floor Plan

SCALE: 1"=6'-0"



Main House Exterior Plan

SCALE: 1"=6'-0"

A3E CONSULTANTS

Legend

- Sample Location
- ACM Location
- TS1-A,TS1-B,TS1-C: Gray Transite Siding *(1,000 SF)*
- DI1-A,DI1-B: Duct Insulation Remnants *(6 SF)*

REV #	DESCRIPTION	DATE

SITE:
15317 Myrtle Avenue
Harvey, IL 60426

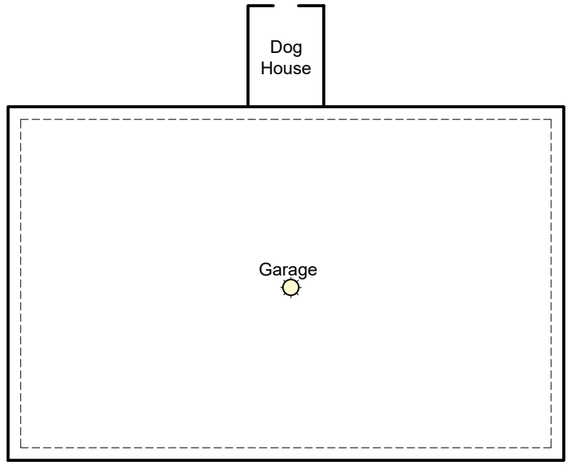
PROJECT NUMBER: 2025.0320

DATE: 06.05.2025

SCALE: 1" = 6'-0"

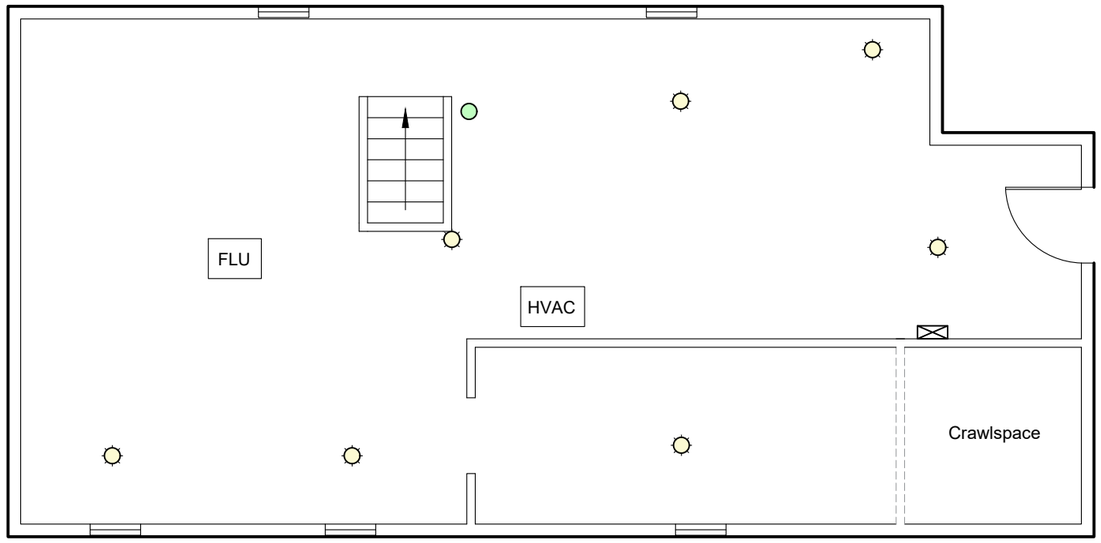
DWG: ASBESTOS CONTAINING MATERIAL LOCATION MAP

PAGE: 3



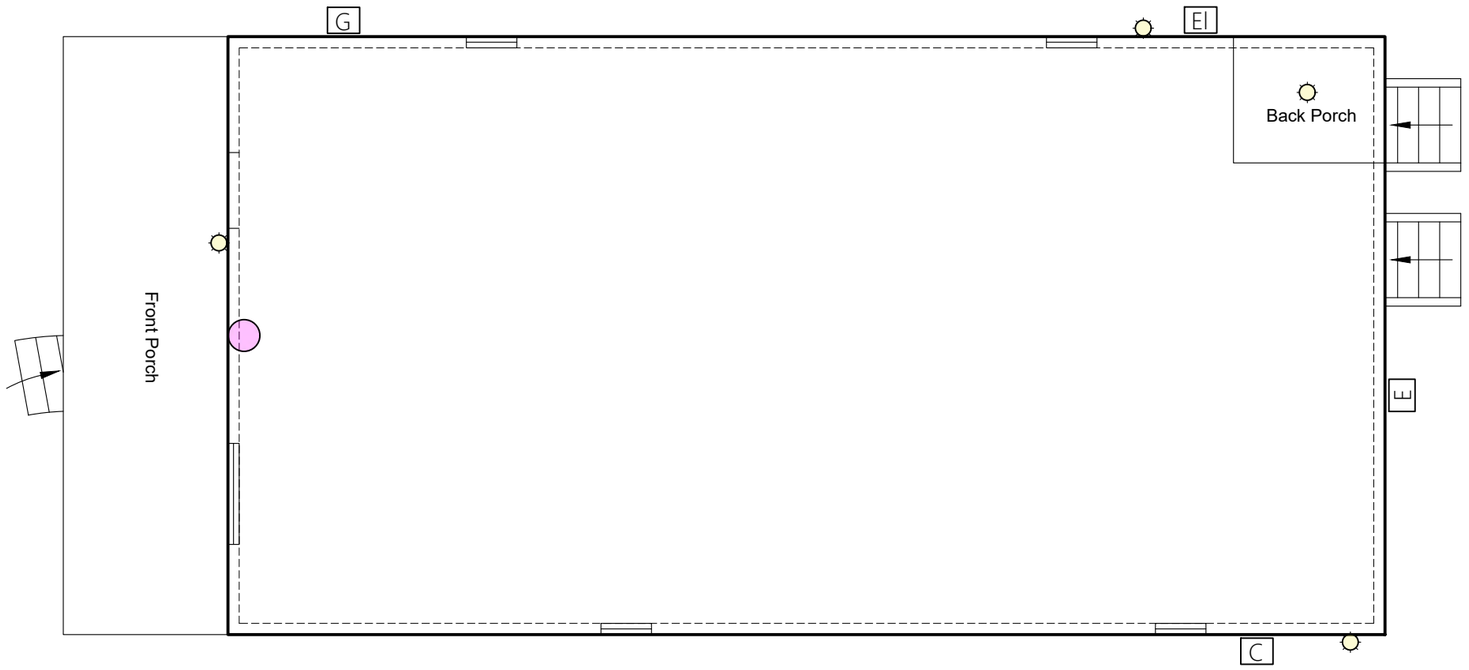
Garage Plan

SCALE: 1"=6'-0"



Basement Floor Plan

SCALE: 1"=6'-0"



Exterior Plan

SCALE: 1"=6'-0"

A3E CONSULTANTS

Legend

- Light
- G Gas Meter
- E Electric Meter
- Smoke/Fire Alarm
- Breaker Box
- EI Electric Box
- C Cable Box
- Aerial Antenna

REV #	DESCRIPTION	DATE

SITE:
15317 Myrtle Avenue
Harvey, IL 60426

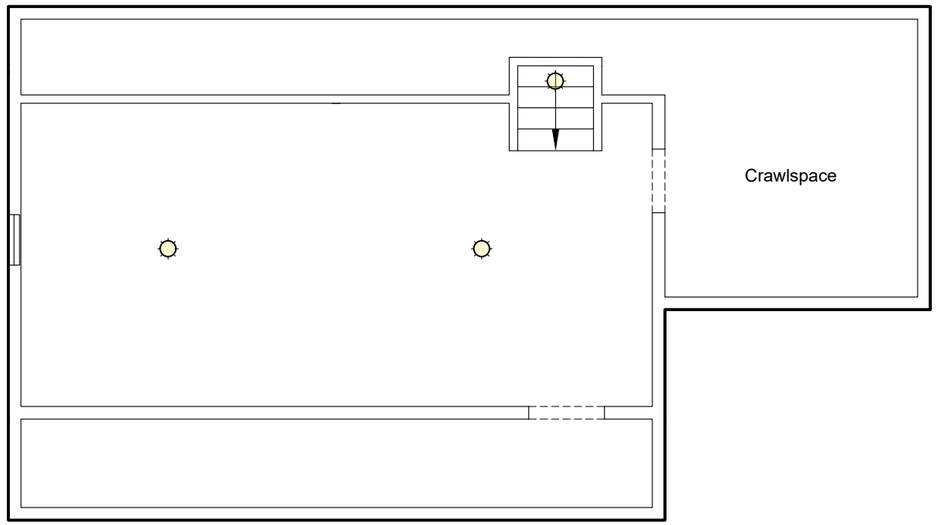
PROJECT NUMBER: 2025.0320

DATE: 06.05.2025

SCALE: 1" = 6'-0"

DWG: HAZARDOUS MATERIAL SURVEY

PAGE: 4



Second Floor Plan

SCALE: 1"=6'-0"

First Floor Plan

SCALE: 1"=6'-0"

A3E CONSULTANTS

Legend

- Light
- Smoke/Fire Alarm
- Thermostat
- Doorbell & Alarm
- Jacuzzi Motor

REV #	DESCRIPTION	DATE

SITE:
15317 Myrtle Avenue
Harvey, IL 60426

PROJECT NUMBER: 2025.0320

DATE: 06.05.2025

SCALE: 1" = 6'-0"

DWG: HAZARDOUS MATERIAL SURVEY

PAGE: 5

IDPH
ILLINOIS DEPARTMENT OF PUBLIC HEALTH

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

IDPH

ASBESTOS PROFESSIONAL LICENSE

ID NUMBER	ISSUED	EXPIRES
100 - 10967	3/10/2025	05/15/2026

PATRICK W HOOK
2025 WOODLANE DR
LINDENHURST, IL 60046
Environmental Health



Back of License

ENDORSEMENTS	TC EXPIRES
INSPECTOR	1/10/2026
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

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LABORATORY REPORT
BULK SAMPLE ASBESTOS EVALUATION BY POLARIZED LIGHT MICROSCOPY METHOD

Client:	A3 Environmental			**Project Location:**	15317 Myrtle Ave.
Contact	Patrick Hook			**Project Reference:**	2025.0320
Address:	3030 Warrenville Rd., Suite 418			**TEM Project:**	76525
	Lisle	IL	60532-	**Analyzed by:**	Lori Boersma
				Date Analyzed:	5/23/2025

Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID Description	Lab ID	Color		Type	Percent	Type	Percent	Filler Binder	Comments
DI1-A Duct Insulation Remnants	571259	Gray	**Yes**	**Chrysotile:**	**60-65**	Cellulose:	20-25	10-20	
DI1-B Duct Insulation Remnants	571260	Gray	**Yes**	**Chrysotile:**	**60-65**	Cellulose:	20-25	10-20	
FB1-A Flue Brick Masonry	571261	Gray	None Detected	-	-	-	-	90-100	
FB1-B Flue Brick Masonry	571262	Gray	None Detected	-	-	-	-	90-100	
FB1-C Flue Brick Masonry	571263	Gray	None Detected	-	-	-	-	90-100	
DSW1-A Drywall System - Drywall	571264	Brown/White	None Detected	-	-	Cellulose: Glass:	5-10 Trace	90-95	
DSW1-B Drywall System - Drywall	571265	Brown/White	None Detected	-	-	Cellulose:	5-10	90-95	
DSW1-C Drywall System - Drywall	571266	Brown/White	None Detected	-	-	Cellulose:	5-10	90-95	

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LABORATORY REPORT
BULK SAMPLE ASBESTOS EVALUATION BY POLARIZED LIGHT MICROSCOPY METHOD

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Address:	3030 Warrenville Rd., Suite 418			**TEM Project:**	76525
	Lisle	IL	60532-	**Analyzed by:**	Lori Boersma
				Date Analyzed:	5/23/2025

Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID Description	Lab ID	Color		Type	Percent	Type	Percent	Filler Binder	Comments
DSW1-D Drywall System - Drywall	571267	Brown/White	None Detected	-	-	Cellulose:	5-10	90-95	
DSW1-A* Drywall System - Tape	571268	Cream	None Detected	-	-	Cellulose:	90-100	0-10	
DSW1-B* Drywall System - Tape	571269	Cream	None Detected	-	-	Cellulose:	90-100	0-10	
DSW1-C* Drywall System - Tape	571270	Cream	None Detected	-	-	Cellulose:	90-100	0-10	
DSW1-D* Drywall System - Tape	571271	Cream	None Detected	-	-	Cellulose:	90-100	0-10	
DSW1-A** Drywall System - Joint Comp.	571272	White	None Detected	-	-	-	-	90-100	
DSW1-B** Drywall System - Joint Comp.	571273	White	None Detected	-	-	-	-	90-100	
DSW1-C** Drywall System - Joint Comp.	571274	White	None Detected	-	-	-	-	90-100	

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Address:	3030 Warrenville Rd., Suite 418	**TEM Project:**	76525
	Lisle IL 60532-	**Analyzed by:**	Lori Boersma
		Date Analyzed:	5/23/2025

Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID / Description	Lab ID	Color		Type	Percent	Type	Percent	Filler / Binder	Comments
DSW1-D** Drywall System - Joint Comp.	571275	White	None Detected	-	-	Cellulose:	1-2	98-99	
FT1-A Brown/Beige Marble Pattern FT	571276	Brown/Beige	None Detected	-	-	-	-	90-100	SLM
FT1-B Brown/Beige Marble Pattern FT	571277	Brown/Beige	None Detected	-	-	-	-	90-100	SLM
FT1-C Brown/Beige Marble Pattern FT	571278	Brown/Beige	None Detected	-	-	-	-	90-100	SLM
FT1-A* Brown & Beige FT Mastic	571279	Yellow/Clear	None Detected	-	-	Cellulose:	2-3	97-98	
FT1-B* Brown & Beige FT Mastic	571280	Yellow/Clear	None Detected	-	-	Cellulose:	Trace	90-100	
FT1-C* Brown & Beige FT Mastic	571281	Yellow/Clear	None Detected	-	-	Cellulose:	Trace	90-100	
TP1-A Tar Paper/Mastic Remnant	571282	Black	None Detected	-	-	Cellulose:	80-90	10-20	

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Contact	Patrick Hook	**Project Reference:**	2025.0320
Address:	3030 Warrenville Rd., Suite 418	**TEM Project:**	76525
	Lisle IL 60532-	**Analyzed by:**	Lori Boersma
		Date Analyzed:	5/23/2025

Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID / Description	Lab ID	Color		Type	Percent	Type	Percent	Filler / Binder	Comments
TP1-B Tar Paper/Mastic Remnant	571283	Black	None Detected	-	-	Cellulose:	80-90	10-20	
TP1-C Tar Paper/Mastic Remnant	571284	Black	None Detected	-	-	Cellulose:	80-90	10-20	
CFT1-A White/Tan Mottle Ceramic FT	571285	White/Tan	None Detected	-	-	-	-	90-100	
CFT1-B White/Tan Mottle Ceramic FT	571286	White/Tan	None Detected	-	-	-	-	90-100	
CFT1-C White/Tan Mottle Ceramic FT	571287	White/Tan	None Detected	-	-	-	-	90-100	
CFT1-A* Ceramic FT Adhesive	571288	Gray	None Detected	-	-	-	-	90-100	
CFT1-B* Ceramic FT Adhesive	571289	Gray	None Detected	-	-	Cellulose:	Trace	90-100	
CFT1-C* Ceramic FT Adhesive	571290	Gray	None Detected	-	-	-	-	90-100	

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BULK SAMPLE ASBESTOS EVALUATION BY POLARIZED LIGHT MICROSCOPY METHOD

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Address:	3030 Warrenville Rd., Suite 418	**TEM Project:**	76525
	Lisle IL 60532-	**Analyzed by:**	Lori Boersma
		Date Analyzed:	5/23/2025

Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID / Description	Lab ID	Color		Type	Percent	Type	Percent	Filler / Binder	Comments
FT2-A Wood Pattern Floor Tile	571291	Brown/Gray	None Detected	-	-	-	-	90-100	SLM
FT2-B Wood Pattern Floor Tile	571292	Brown/Gray	None Detected	-	-	-	-	90-100	SLM
FT2-C Wood Pattern Floor Tile	571293	Brown/Gray	None Detected	-	-	-	-	90-100	SLM
FT2-A* Wood Pattern FT Adhesive	571294	Clear	None Detected	-	-	-	-	90-100	
FT2-B* Wood Pattern FT Adhesive	571295	Clear	None Detected	-	-	Cellulose:	Trace	90-100	
FT2-C* Wood Pattern FT Adhesive	571296	Clear	None Detected	-	-	-	-	90-100	
CWT1-A 2.5"x2.5" White Ceramic FT	571297	White	None Detected	-	-	-	-	90-100	
CWT1-B 2.5"x2.5" White Ceramic FT	571298	White	None Detected	-	-	-	-	90-100	

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ENVIRONMENTAL SCIENTISTS | INDUSTRIAL HYGIENISTS

LABORATORY REPORT
BULK SAMPLE ASBESTOS EVALUATION BY POLARIZED LIGHT MICROSCOPY METHOD

Client:	A3 Environmental			**Project Location:**	15317 Myrtle Ave.
Contact	Patrick Hook			**Project Reference:**	2025.0320
Address:	3030 Warrenville Rd., Suite 418			**TEM Project:**	76525
	Lisle	IL	60532-	**Analyzed by:**	Lori Boersma
				Date Analyzed:	5/23/2025

Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID Description	Lab ID	Color		Type	Percent	Type	Percent	Filler Binder	Comments
CWT1-C 2.5"x2.5" White Ceramic FT	571299	White	None Detected	-	-	-	-	90-100	
CWT1-A* White Ceramic FT Adhesive	571300	White	None Detected	-	-	-	-	90-100	
CWT1-B* White Ceramic FT Adhesive	571301	White	None Detected	-	-	-	-	90-100	
CWT1-C* White Ceramic FT Adhesive	571302	White	None Detected	-	-	-	-	90-100	
SH1-A Black Roof Shingle (Garage)	571303	Black	None Detected	-	-	- Glass:	- 50-60	40-50	
SH1-B Black Roof Shingle (Garage)	571304	Black	None Detected	-	-	- Glass:	- 50-60	40-50	
SH1-C Black Roof Shingle (Garage)	571305	Black	None Detected	-	-	- Glass:	- 50-60	40-50	
TS1-A Gray Transite Siding (House)	571306	Gray	**Yes**	**Chrysotile:**	**10-15**	-	-	85-90	

630-790-0880 INFO@TEM-INC.COM 174 N BRANDON DRIVE GLENDALE HEIGHTS, ILLINOIS 60139

TEM ENVIRONMENTAL, INC.
ENVIRONMENTAL SCIENTISTS | INDUSTRIAL HYGIENISTS

LABORATORY REPORT
BULK SAMPLE ASBESTOS EVALUATION BY POLARIZED LIGHT MICROSCOPY METHOD

Client:	A3 Environmental			**Project Location:**	15317 Myrtle Ave.
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				Date Analyzed:	5/23/2025

Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID Description	Lab ID	Color		Type	Percent	Type	Percent	Filler Binder	Comments
TS1-B Gray Transite Siding (House)	571307	Gray	**Yes**	**Chrysotile:**	**10-15**	-	-	85-90	
TS1-C Gray Transite Siding (House)	571308	Gray	**Yes**	**Chrysotile:**	**10-15**	-	-	85-90	
FP1-A Felt/Tar Paper under TS1	571309	Black	None Detected	-	-	Cellulose:	80-90	10-20	
FP1-B Felt/Tar Paper under TS1	571310	Black	None Detected	-	-	Cellulose:	80-90	10-20	
FP1-C Felt/Tar Paper under TS1	571311	Black	None Detected	-	-	Cellulose:	80-90	10-20	
SH2-A Black Roof Shingle (House)	571312	Black	None Detected	-	-	- Glass:	- 50-60	40-50	
SH2-B Black Roof Shingle (House)	571313	Black	None Detected	-	-	- Glass:	- 50-60	40-50	
SH2-C Black Roof Shingle (House)	571314	Black	None Detected	-	-	- Glass:	- 50-60	40-50	

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LABORATORY REPORT
BULK SAMPLE ASBESTOS EVALUATION BY POLARIZED LIGHT MICROSCOPY METHOD

Client:	A3 Environmental			**Project Location:**	15317 Myrtle Ave.
Contact	Patrick Hook			**Project Reference:**	2025.0320
Address:	3030 Warrenville Rd., Suite 418			**TEM Project:**	76525
	Lisle	IL	60532-	**Analyzed by:**	Lori Boersma
				Date Analyzed:	5/23/2025

Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID / Description	Lab ID	Color		Type	Percent	Type	Percent	Filler / Binder	Comments
FP2-A Felt/Tar Paper under SH2	571315	Black	None Detected	-	-	Cellulose:	80-90	10-20	
FP2-B Felt/Tar Paper under SH2	571316	Black	None Detected	-	-	Cellulose:	80-90	10-20	
FP2-C Felt/Tar Paper under SH2	571317	Black	None Detected	-	-	Cellulose:	80-90	10-20	

Samples are analyzed following the procedures contained in the USEPA Method 600/R-93/116 July 1993. This report applies only to samples analyzed. This report may not be reproduced except in full and with the approval of TEM Environmental, Inc. This report may not be used by the client to claim product endorsement by NVLAP or any agency of the US government. An estimate of the laboratory uncertainty is available upon request.
SLM: Certain samples may warrant additional analysis beyond the standard USEPA Polarized Light Microscopy method. 1) Further testing using the point count method is recommend for friable samples found to contain less than 10% asbestos by PLM to confirm that the samples are in fact regulated asbestos containing materials (RACM) as defined by the USEPA NESHAP Regulation. 2) The optical resolution of a polarized light microscope limits the size of fibers that are visible. In cases where very small fibers may be present, such as in samples of floor tiles, vermiculite or certain construction adhesives, the result of the PLM analysis is not conclusive when the sample is reported as "None Detected" or "Trace". Further testing using transmission electron microscopy is recommended in those cases where samples may contain very small fibers which may be smaller than the resolution limit of a polarized light microscope. All such services are available for an additional fee.

Analytical services provided are subject to the Terms and Conditions listed on our website.

Report Approved by:

630-790-0880 INFO@TEM-INC.COM 174 N BRANDON DRIVE GLENDALE HEIGHTS, ILLINOIS 60139

TEM ENVIRONMENTAL, INC.

ENVIRONMENTAL SCIENTISTS | INDUSTRIAL HYGIENISTS
174 N BRANDON DRIVE | GLENDALE HEIGHTS, ILLINOIS 60139
630-790-0880 | INFO@TEM-INC.COM

CHAIN OF CUSTODY FORM

Client: A3E	Date: 05/09/2025
Contact: Patrick Hook	
Address: 3030 Warrenville Road	
City/State/Zip: Lisle	
Phone: 773-243-7533	Fax:
Email: Patrick@a3e.com	

TAT RUSH/WKD [ ] 24HR [ ] 48HR [ ] 72HR [ ] 4 DAYS [ ] > 5 DAYS [✔]

Project Name/No: 15317 Myrtle Ave / 2025.0320

Results Due by (Date & Time):

TEM Project #: 76525

NVLAP ID 101130 AIHA-PAT ID 101151 AIHA-AAR ID 101151

Comments: Please Analyze Mastics & Adhesives

PO/Quote#:

Client ID No.	Description	Sample Volume	PLM: Bulk	PLM: Point Count	PLM: Gravimetric	TEM: Air-AHERA	TEM: Air-Other	TEM: Bulk	TEM: Chatfield	TEM: Water	TEM: Micro-Vac	TEM: PCM-Air	TEM: Other	Comments
DI1-A,B	Duct Insulation Remnants (Basement)		✔											
FB1-A,B,C	Flue Brick Masonry - No Mortar (Basement)		✔											
DWS1-A,B,C,D	Drywall System (Drywall, Tape, Joint Compound)		✔											
FT1-A,B,C	12"x12" Brown & Beige Marble Pattern Floor Tile & Mastic (Front Foyer)		✔											
TP1-A,B,C	Tar Paper/Mastic Remnant (Bedroom 1)		✔											
CFT1-A,B,C	12"x12" White & Tan Mottle Ceramic Floor Tile & Adhesive (Kitchen)		✔											
FT2-A,B,C	3'x6' Dark Gray Wood Pattern Floor Tile & Adhesive (Bathroom)		✔											
CWT1-A,B,C	2.5"x2.5" White Ceramic Floor Tile and Adhesive (Bathroom)		✔											
SH1-A,B,C	Black Roof Shingle (Garage)		✔											
TS1-A,B,C	Gray Transite Siding (House)		✔											
FP1-A,B,C	Felt/Tar Paper (Under TS1)		✔											
SH2-A,B,C	Black Roof Shingle (House)		✔											
FP2-A,B,C	Felt/Tar Paper (Under SH2)		✔											

RELINQUISHED BY (SIGNATURE): A3E	DATE/TIME 5-9-25 304	RECEIVED BY (SIGNATURE):	DATE/TIME 5/9/25 3:10pm
RELINQUISHED BY (SIGNATURE):	DATE/TIME	RECEIVED BY (SIGNATURE):	DATE/TIME
LOGGED IN BY (SIGNATURE):	DATE/TIME	ANALYZED BY (SIGNATURE):	DATE/TIME



1
15317 Myrtle Avenue



2
West Elevation



3
North Elevation



4
East Elevation



5
Garage



6
12"x12" Brown and Beige Marble Pattern Floor Tile & Mastic (FT1)



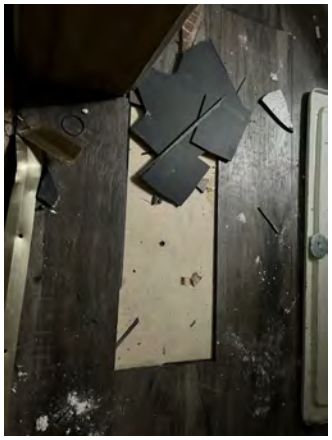
7
White Ceramic Wall Tile and Adhesive in Bathroom (CWT1)



8
Tar Paper/Mastic Remnant Under Carpet in Bedroom 1 (TP1)



9
Drywall System - Tape, Joint Compound, Drywall (DWS1)



10
Dark Gray Wood Pattern Floor Tile & Adhesive in Bathroom (FT2)



11
White and Tan Mottle Ceramic Floor Tile & Adhesive in Kitchen (CFT1)



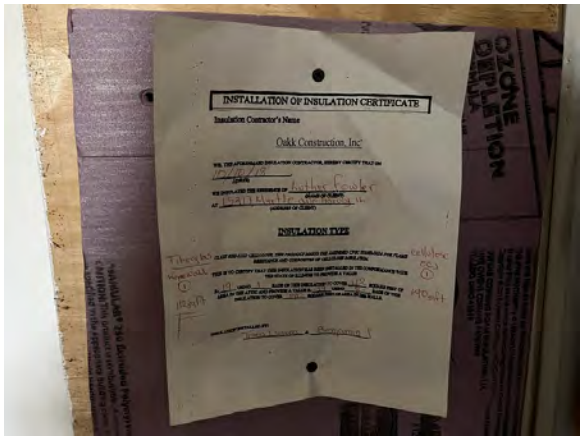
12
Flue Brick Masonry- No Mortar in Basement (FB1)



13
Duct Insulation Remnants in Basement (DI1)



14
Duct Insulation Remnants in Basement (DI1)



15
Cellulose Insulation Installation Notice in Attic



16
Gray Transite Siding on House (TS1) and Felt/Tar Paper Under TS1 (FP1)



17
Black Roof Shingle on Roof and Felt/Tar Paper Underneath (SH2 and FP2)



18
Black Shingle on Garage (SH1)



19
THERMOSTAT



20
DOORBELL IN LIVING ROOM



21
SMOKE DETECTOR



22
GAS METER



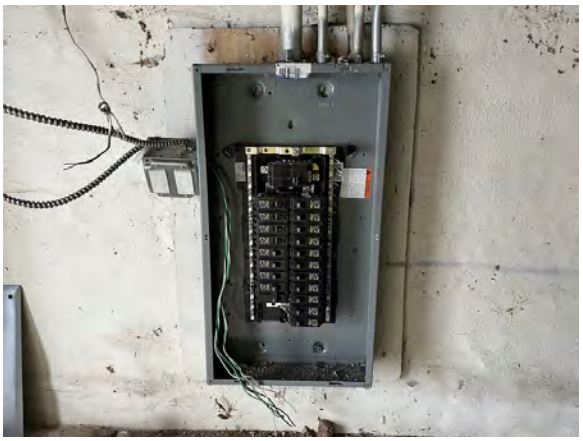
23
JACUZZI BATHTUB



24
JACUZZI BATHTUB MOTOR/PUMP



25
Housing for Condenser Unit With Electric Box Behind



26
Electric Panel in Basement



27
Electric Meter and Cable/Phone Box



28
Cable/Phone Box



29
Aerial Antenna

Lead Based Paint Inspection Report

For the Property Located at:



Upcoming Demolition Areas - House
15317 South Myrtle Avenue
Harvey, IL 60426

Prepared for:

Protecting Our Water Environment

Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

Inspected and Prepared By:

A3E, Inc.
3030 Warrenville Road, Suite 418
Lisle, IL 60532

Date Performed: May 1, 2025
Report Issued: May 14, 2025
Inspector: James W. Sundberg, IL1743

Upcoming Demolition Areas - House
15317 South Myrtle Avenue, Harvey, IL 60426

IDENTIFYING INFORMATION

A lead based paint (LBP) inspection was conducted on the potential demolition of the house at the property listed on the cover sheet. The property consisted of the following structures with general appearance and make.

One (1) Residence constructed in the 1920's. 2 Story transite house with pitched roof and basement. House had little original components.

A comprehensive LBP Inspection of accessible buildings and rooms was performed on this Property. The purpose of this inspection was to determine the presence or absence of Lead Based Paint (LBP), as defined by the United States Environmental Protection Agency (USEPA) and the Illinois Department of Public Health (IDPH). This inspection was conducted on May 1, 2025 by James W. Sundberg (License Number IL1743).

METHODOLOGY

Even though not applicable on this type of property, the protocol used for this inspection is based on the practices and procedures in the United States Department of Housing and Urban Development's (HUD) *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing*, 2012 Revision (HUD Guidelines) and the United States Environmental Protection Agency's (USEPA) 40 CFR Part 745 (*Lead; Identification of Dangerous Levels of Lead; Final Rule; January 5, 2001*), It should be noted that the Occupational Safety and Health Administration (OSHA) Lead in Construction Standard (29 CFR 1926.62) does not define Lead Based Paint (LBP). A modified, comprehensive inspection by building of building **WAS** performed. **Although all painted, varnished, and shellacked components on a room by room basis were tested, limited numbers of walls (about 2) per room were tested.**

The Inspection was conducted utilizing the Viken Detection (formerly Heuresis Pb200i XRF (Serial Number 2187). The XRF fieldwork was conducted in accordance with the guidelines outlined in the EPA Performance Characteristic Sheet (Attached). In addition, please note the report does not label locations as North, South, East, and West. It utilizes A, B, C, and D. For this report, Wall A corresponds to the West Wall (Street Address Side) in every room. Walls B, C, and D are labeled from Wall A in a clockwise manner. For this project, Wall A is to the West, Wall B is to the North, Wall C is to the East, and Wall D is to the South.

RESULTS

Component by component testing on a room by room basis was performed throughout the property. It was attempted to test all components that were painted, varnished, or shellacked. Some readings were above the United States Environmental Protection Agency (USEPA) and Illinois Department of Public Health (IDPH) Regulatory Level of 1.0 mg/cm². Table I, below, contains a summary of the generic components that tested POSITIVE for LBP on this property.

Since all accessible, painted components were tested, components not listed in Table I tested negative for LBP.

Beneath this Cover Letter are two reports that sort the **same** information different ways. The first is a Summary Report and the second is a Detailed Report. A Summary Report displays all readings that were at or above the USEPA and IDPH Regulatory Level of 1.0 mg/cm². The Detailed Report lists all the readings, by room, that were taken during the inspection. Positive readings are displayed in a red color, negative readings are blue in color, and calibration readings are black.

TABLE I
GENERIC COMPONENTS POSITIVE FOR LBP

ROOM	COMPONENT
Exterior House	Transite Walls
	Wood Soffit and Fascia
	Older Wood Window Components
Exterior Back Porch	Wood Support Beams
Interior Basement	Wood Support Beams and Columns
	Wall C Wood Door Panel
Interior 2 Bedroom	Metal Balusters

All Components in some form of deteriorated condition.

APPLICABLE REGULATIONS

WORKER PROTECTION (OSHA)

The United States Occupational Safety and Health Administration (OSHA) considers lead in paint to be any detectable level of lead concentration to be a concern during renovation and demolition activities, as indicated in the OSHA Lead in Construction Standard (29 CFR 1926.62). The purpose of the OSHA Lead in Construction Standard is to protect construction workers from exposure to lead dust and fumes. OSHA is primarily concerned with activities that disturb paints with "detectable" amounts of lead. Several painted surfaces at the property were determined to contain lead above the OSHA level of concern.

The most effective way to determine if lead dust will be a health concern during renovation is to conduct a Negative Initial Determination (NID) to determine if the amount of generated lead dust would exceed the Permissible Exposure Limit (PEL) for lead dust or fumes. In general, an NID is a measurement of a known, airborne contaminant (e.g., lead) over period of eight hours. If the amount of airborne lead in the area is less than the PEL (as calculated by a qualified laboratory) than workers would be allowed to perform the work without Respirators and Personal Protective Equipment (PPE).

1) the NID information is given to the contractor and s/he agrees to it;
2) the contractor does not deviate from the process that was measured during the NID; and
3) The NID has been performed within the previous 12 months.

RECOMMENDATIONS

In summary, multiple building components were identified as coated with LBP at this property. Most of the LBP was in some form of deteriorated condition and some of the LBP was significantly damaged as noted in Table 1.

It is recommended that the findings of this LBP inspection report be provided to the demolition contractor with direction to perform the demolition work in a manner that complies with the OSHA Lead Standard for worker protection. The demolition work should also be performed in accordance with all other applicable lead related regulations.

SUPPORT INFORMATION

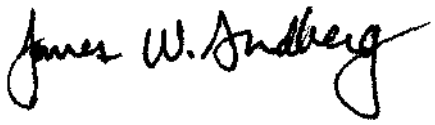
Enclosed in this document, besides inspection reports, are copies of the Lead Paint Risk Assessor's (Inspector) Illinois Department of Public Health (IDPH) License, and the XRF Performance Characteristic Sheets (PCS).

The undersigned has performed the Client-requested tasks listed above in a thorough and professional manner consistent with commonly accepted standard industry practices using state of the art practices and best available known technology as of the day of the assessment. We cannot guarantee and do not warrant that the LBP Testing has identified all adverse environmental factors and/or conditions affecting the subject property on the date of the Assessment. We cannot and will not warrant that that assessment testing that was requested by the client will satisfy the dictates of, or provide a legal defense in connection with, any environmental laws or regulations. It is the responsibility of the client to know and abide by all applicable laws, regulations, and standards.

This inspection is solely for the benefit of the client. The results and opinions in this report, based solely upon the conditions found on the property as of the date of the Assessment, will be valid only as of the date of the Assessment. We assume no obligation to advise the client of any changes in any real or potential Lead hazards at this property that may or may not be later brought to our attention.

Thanks again for the opportunity to serve you with this project. Should questions or comments arise, please do not hesitate in contacting me at (630) 514-4108.

Sincerely,



James W. Sundberg
Lead Risk Assessor/Inspector (IL1743)

Upcoming Demolition Areas - House
15317 South Myrtle Avenue, Harvey, IL 60426

LBP SUMMARY REPORT

Summary Lead Based Paint Inspection

Inspection Date:	5/1/2025 - 5/1/2025	Inspection Site:	Vacant House 15317 Myrtle Avenue Harvey, IL 60426
Action Level:	1.0 (mg/cm²)		
Total Readings:	25		
Unit Started:	05/01/2025 14:27:49		
Unit Ended:	05/01/2025 15:13:55		

Read #	Result	RTA Present	Room	-->RoomChoice	Structure	-->Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
591 (CAL)		Off	Calibration								1.0 mg/cm²	Action Level (1.0)
592 (CAL)		Off	Calibration								0.9 mg/cm²	Action Level (1.0)
593 (CAL)		Off	Calibration								0.9 mg/cm²	Action Level (1.0)
594 (CAL)		Off	Calibration								0.0 mg/cm²	Action Level (1.0)
595 (CAL)		Off	Calibration								0.0 mg/cm²	Action Level (1.0)
596 (CAL)		Off	Calibration								0.0 mg/cm²	Action Level (1.0)
600	Positive	Off	Exterior	Front Porch	Support	Beam	Wood	A	Center	Deteriorated	4.1 mg/cm²	Action Level (1.0)
604	Positive	Off	Exterior	House	Soffit		Wood	B	Center	Deteriorated	2.5 mg/cm²	Action Level (1.0)
605	Positive	Off	Exterior	House	Fascia		Wood	B	Center	Deteriorated	2.5 mg/cm²	Action Level (1.0)
606	Positive	Off	Exterior	House	Wall		Transite	B	LC	Deteriorated	2.5 mg/cm²	Action Level (1.0)
607	Positive	Off	Exterior	House	Wall		Transite	A	LL	Deteriorated	3.7 mg/cm²	Action Level (1.0)
608	Positive	Off	Exterior	House	Window	Sill	Wood	A	Right	Deteriorated	1.5 mg/cm²	Action Level (1.0)

A 3 E

Summary Lead Based Paint Inspection

Inspection Date: 5/1/2025 - 5/1/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 25
Unit Started: 05/01/2025 14:27:49
Unit Ended: 05/01/2025 15:13:55

Inspection Site: Vacant House
15317 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-->RoomChoice	Structure	-->Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
609	Positive	Off	Exterior	House	Window	Casing	Wood	A	Right	Deteriorated	1.4 mg/cm²	Action Level (1.0)
616	Positive	Off	Exterior	Back Porch	Support	Beam	Wood	C		Deteriorated	1.1 mg/cm²	Action Level (1.0)
622	Positive	Off	Interior	Basement	Support	Column	Wood	B	Center	Deteriorated	3.5 mg/cm²	Action Level (1.0)
623	Positive	Off	Interior	Basement	Support	Beam	Wood	B	Center	Deteriorated	1.7 mg/cm²	Action Level (1.0)
624	Positive	Off	Interior	Basement	Door	Casing	Wood	C	Right	Deteriorated	7.8 mg/cm²	Action Level (1.0)
625	Positive	Off	Interior	Basement	Door	Panel	Wood	C	Right	Deteriorated	6.9 mg/cm²	Action Level (1.0)
685	Positive	Off	Interior	2 Bedroom	Baluster		Metal	C	Center	Deteriorated	20.4 mg/cm²	Action Level (1.0)
686 (CAL)		Off	Calibration								1.0 mg/cm²	Action Level (1.0)
687 (CAL)		Off	Calibration								1.0 mg/cm²	Action Level (1.0)
688 (CAL)		Off	Calibration								0.9 mg/cm²	Action Level (1.0)
689 (CAL)		Off	Calibration								0.0 mg/cm²	Action Level (1.0)
690 (CAL)		Off	Calibration								0.0 mg/cm²	Action Level (1.0)

A 3 E

Summary Lead Based Paint Inspection

Inspection Date:	5/1/2025 - 5/1/2025	Inspection Site:	Vacant House 15317 Myrtle Avenue Harvey, IL 60426
Action Level:	1.0 (mg/cm²)		
Total Readings:	25		
Unit Started:	05/01/2025 14:27:49		
Unit Ended:	05/01/2025 15:13:55		

Read #	Result	RTA Present	Room	-- >RoomChoice	Structure	-- >Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
691 (CAL)		Off	Calibration								0.1 mg/cm²	Action Level (1.0)

------ END OF READINGS ------

Upcoming Demolition Areas - House
15317 South Myrtle Avenue, Harvey, IL 60426

LBP DETAILED REPORT

Detailed Lead Based Paint Inspection

Inspection Date: 5/1/2025 - 5/1/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 101
Unit Started: 05/01/2025 14:27:49
Unit Ended: 05/01/2025 15:13:55

Inspection Site: Vacant House
15317 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-->RoomChoice	Structure	-->Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
591 (CAL)		Off	Calibration								1.0 mg/cm²	Action Level (1.0)
592 (CAL)		Off	Calibration								0.9 mg/cm²	Action Level (1.0)
593 (CAL)		Off	Calibration								0.9 mg/cm²	Action Level (1.0)
594 (CAL)		Off	Calibration								0.0 mg/cm²	Action Level (1.0)
595 (CAL)		Off	Calibration								0.0 mg/cm²	Action Level (1.0)
596 (CAL)		Off	Calibration								0.0 mg/cm²	Action Level (1.0)
597	Negative	Off	Exterior	Front Porch	Railing		Metal	A	Center	Deteriorated	0.2 mg/cm²	Action Level (1.0)
598	Negative	Off	Exterior	Front Porch	Stairs		Concrete	A	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
599	Negative	Off	Exterior	Front Porch	Support	Column	Wood	A	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
600	Positive	Off	Exterior	Front Porch	Support	Beam	Wood	A	Center	Deteriorated	4.1 mg/cm²	Action Level (1.0)
601	Negative	Off	Exterior	Front Porch	Ceiling		Wood	C		Deteriorated	0.0 mg/cm²	Action Level (1.0)
602	Negative	Off	Exterior	Front Porch	Railing		Wood	B	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)

Detailed Lead Based Paint Inspection

Inspection Date:	5/1/2025 - 5/1/2025	Inspection Site:	Vacant House 15317 Myrtle Avenue Harvey, IL 60426
Action Level:	1.0 (mg/cm²)		
Total Readings:	101		
Unit Started:	05/01/2025 14:27:49		
Unit Ended:	05/01/2025 15:13:55		

Read #	Result	RTA Present	Room	-->RoomChoice	Structure	-->Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
603	Negative	Off	Exterior	Front Porch	Baluster		Wood	B	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
604	Positive	Off	Exterior	House	Soffit		Wood	B	Center	Deteriorated	2.5 mg/cm²	Action Level (1.0)
605	Positive	Off	Exterior	House	Fascia		Wood	B	Center	Deteriorated	2.5 mg/cm²	Action Level (1.0)
606	Positive	Off	Exterior	House	Wall		Transite	B	LC	Deteriorated	2.5 mg/cm²	Action Level (1.0)
607	Positive	Off	Exterior	House	Wall		Transite	A	LL	Deteriorated	3.7 mg/cm²	Action Level (1.0)
608	Positive	Off	Exterior	House	Window	Sill	Wood	A	Right	Deteriorated	1.5 mg/cm²	Action Level (1.0)
609	Positive	Off	Exterior	House	Window	Casing	Wood	A	Right	Deteriorated	1.4 mg/cm²	Action Level (1.0)
610	Negative	Off	Exterior	House	Cellar	Door	Metal	C	Center	Deteriorated	0.7 mg/cm²	Action Level (1.0)
611	Negative	Off	Exterior	Garage	Wall		Wood	D	LC	Deteriorated	0.0 mg/cm²	Action Level (1.0)
612	Negative	Off	Exterior	Garage	Wall		Wood	A	LL	Deteriorated	0.0 mg/cm²	Action Level (1.0)
613	Negative	Off	Exterior	Garage	Window	Casing	Wood	D	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
614	Negative	Off	Exterior	Garage	Door	Panel	Metal	D	Right	Deteriorated	0.2 mg/cm²	Action Level (1.0)

Detailed Lead Based Paint Inspection

Inspection Date: 5/1/2025 - 5/1/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 101
Unit Started: 05/01/2025 14:27:49
Unit Ended: 05/01/2025 15:13:55

Inspection Site: Vacant House
15317 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-->RoomChoice	Structure	-->Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
615	Negative	Off	Exterior	Back Porch	Ceiling		Wood	A		Deteriorated	0.2 mg/cm²	Action Level (1.0)
616	Positive	Off	Exterior	Back Porch	Support	Beam	Wood	C		Deteriorated	1.1 mg/cm²	Action Level (1.0)
617	Negative	Off	Interior	Basement	Wall		Concrete	D	LC	Deteriorated	0.0 mg/cm²	Action Level (1.0)
618	Negative	Off	Interior	Basement	Wall		Concrete	B	LL	Deteriorated	0.2 mg/cm²	Action Level (1.0)
619	Negative	Off	Interior	Basement	Wall		Brick	B	UL	Deteriorated	0.2 mg/cm²	Action Level (1.0)
620	Negative	Off	Interior	Basement	Wall		Brick	D	UC	Deteriorated	0.0 mg/cm²	Action Level (1.0)
621	Negative	Off	Interior	Basement	Floor		Concrete	B		Deteriorated	0.1 mg/cm²	Action Level (1.0)
622	Positive	Off	Interior	Basement	Support	Column	Wood	B	Center	Deteriorated	3.5 mg/cm²	Action Level (1.0)
623	Positive	Off	Interior	Basement	Support	Beam	Wood	B	Center	Deteriorated	1.7 mg/cm²	Action Level (1.0)
624	Positive	Off	Interior	Basement	Door	Casing	Wood	C	Right	Deteriorated	7.8 mg/cm²	Action Level (1.0)
625	Positive	Off	Interior	Basement	Door	Panel	Wood	C	Right	Deteriorated	6.9 mg/cm²	Action Level (1.0)
626	Negative	Off	Interior	Basement	Joist		Wood	D	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)

Detailed Lead Based Paint Inspection

Inspection Date: 5/1/2025 - 5/1/2025
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Inspection Site: Vacant House
15317 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-->RoomChoice	Structure	-->Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
627	Negative	Off	Interior	Basement	Chimney		Concrete	B	Left	Deteriorated	0.2 mg/cm²	Action Level (1.0)
628	Negative	Off	Interior	Basement	Support	Column	Metal	B	Center	Deteriorated	0.1 mg/cm²	Action Level (1.0)
629	Negative	Off	Interior	Basement	Stair	Stringer	Metal	B	Center	Deteriorated	0.1 mg/cm²	Action Level (1.0)
630	Negative	Off	Interior	Basement	Stair	Tread	Metal	B	Center	Deteriorated	0.1 mg/cm²	Action Level (1.0)
631	Negative	Off	Interior	Living Room	Door	Panel	Metal	A	Right	Deteriorated	0.1 mg/cm²	Action Level (1.0)
632	Negative	Off	Interior	Living Room	Door	Casing	Wood	A	Right	Deteriorated	0.0 mg/cm²	Action Level (1.0)
633	Negative	Off	Interior	Living Room	Baseboard		Wood	A	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
634	Negative	Off	Interior	Living Room	Window	Casing	Wood	A	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
635	Negative	Off	Interior	Living Room	Wall		Drywall	A	LC	Deteriorated	0.0 mg/cm²	Action Level (1.0)
636	Negative	Off	Interior	Living Room	Wall		Drywall	B	LL	Deteriorated	0.0 mg/cm²	Action Level (1.0)
637	Negative	Off	Interior	Bedroom 1	Wall		Drywall	C	UL	Deteriorated	0.0 mg/cm²	Action Level (1.0)
638	Negative	Off	Interior	Bedroom 1	Wall		Drywall	D	UL	Deteriorated	0.1 mg/cm²	Action Level (1.0)

Detailed Lead Based Paint Inspection

Inspection Date: 5/1/2025 - 5/1/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 101
Unit Started: 05/01/2025 14:27:49
Unit Ended: 05/01/2025 15:13:55

Inspection Site: Vacant House
15317 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-->RoomChoice	Structure	-->Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
639	Negative	Off	Interior	Bedroom 1	Ceiling		Drywall	D		Deteriorated	0.0 mg/cm²	Action Level (1.0)
640	Negative	Off	Interior	Bedroom 1	Baseboard		Wood	B	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
641	Negative	Off	Interior	Bedroom 1	Window	Sill	Wood	B	Center	Deteriorated	0.1 mg/cm²	Action Level (1.0)
642	Negative	Off	Interior	Bedroom 1	Window	Casing	Wood	B	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
643	Negative	Off	Interior	Bedroom 1	Door	Jamb	Wood	D	Right	Deteriorated	0.0 mg/cm²	Action Level (1.0)
644	Negative	Off	Interior	Bedroom 1	Door	Panel	Wood	D	Right	Deteriorated	0.0 mg/cm²	Action Level (1.0)
645	Negative	Off	Interior	Dining Room	Door	Panel	Wood	C	Right	Deteriorated	0.0 mg/cm²	Action Level (1.0)
646	Negative	Off	Interior	Dining Room	Door	Jamb	Wood	C	Right	Deteriorated	0.0 mg/cm²	Action Level (1.0)
647	Negative	Off	Interior	Dining Room	Baseboard		Wood	D	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
648	Negative	Off	Interior	Dining Room	Window	Sill	Wood	D	Center	Deteriorated	0.1 mg/cm²	Action Level (1.0)
649	Negative	Off	Interior	Dining Room	Window	Casing	Wood	D	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
650	Negative	Off	Interior	Dining Room	Ceiling		Drywall	D		Deteriorated	0.1 mg/cm²	Action Level (1.0)

Detailed Lead Based Paint Inspection

Inspection Date: 5/1/2025 - 5/1/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 101
Unit Started: 05/01/2025 14:27:49
Unit Ended: 05/01/2025 15:13:55

Inspection Site: Vacant House
15317 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-->RoomChoice	Structure	-->Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
651	Negative	Off	Interior	Dining Room	Wall		Drywall	D	LC	Deteriorated	0.1 mg/cm²	Action Level (1.0)
652	Negative	Off	Interior	Dining Room	Wall		Drywall	B	LC	Deteriorated	0.0 mg/cm²	Action Level (1.0)
653	Negative	Off	Interior	Dining Room	Vent Cover		Metal	D	Right	Deteriorated	0.0 mg/cm²	Action Level (1.0)
654	Negative	Off	Interior	Kitchen	Cabinet		Wood	A	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
655	Negative	Off	Interior	Kitchen	Door	Panel	Wood	C	Right	Deteriorated	0.5 mg/cm²	Action Level (1.0)
656	Negative	Off	Interior	Kitchen	Door	Jamb	Wood	C	Right	Deteriorated	0.0 mg/cm²	Action Level (1.0)
657	Negative	Off	Interior	Kitchen	Baseboard		Wood	B	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
658	Negative	Off	Interior	Kitchen	Window	Casing	Wood	B	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
659	Negative	Off	Interior	Kitchen	Ceiling		Drywall	B		Deteriorated	0.0 mg/cm²	Action Level (1.0)
660	Negative	Off	Interior	Kitchen	Wall		Drywall	B	UC	Deteriorated	0.0 mg/cm²	Action Level (1.0)
661	Negative	Off	Interior	Kitchen	Wall		Drywall	C	UC	Deteriorated	0.0 mg/cm²	Action Level (1.0)
662	Negative	Off	Interior	Kitchen	Door	Panel	Metal	C	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)

Detailed Lead Based Paint Inspection

Inspection Date: 5/1/2025 - 5/1/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 101
Unit Started: 05/01/2025 14:27:49
Unit Ended: 05/01/2025 15:13:55

Inspection Site: Vacant House
15317 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-->RoomChoice	Structure	-->Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
663	Negative	Off	Interior	Bathroom	Door	Panel	Wood	A	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
664	Negative	Off	Interior	Bathroom	Door	Jamb	Wood	A	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
665	Negative	Off	Interior	Bathroom	Wall		Drywall	A	UL	Deteriorated	0.0 mg/cm²	Action Level (1.0)
666	Negative	Off	Interior	Bathroom	Wall		Drywall	D	UC	Deteriorated	0.1 mg/cm²	Action Level (1.0)
667	Negative	Off	Interior	Bathroom	Ceiling		Drywall	D		Deteriorated	0.0 mg/cm²	Action Level (1.0)
668	Negative	Off	Interior	Bedroom 2	Ceiling		Drywall	D		Deteriorated	0.0 mg/cm²	Action Level (1.0)
669	Negative	Off	Interior	Bedroom 2	Wall		Drywall	D	UC	Deteriorated	0.0 mg/cm²	Action Level (1.0)
670	Negative	Off	Interior	Bedroom 2	Wall		Drywall	C	UC	Deteriorated	0.0 mg/cm²	Action Level (1.0)
671	Negative	Off	Interior	Bedroom 2	Window	Sill	Wood	D	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
672	Negative	Off	Interior	Bedroom 2	Window	Casing	Wood	D	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
673	Negative	Off	Interior	Bedroom 2	Baseboard		Wood	A	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
674	Negative	Off	Interior	Bedroom 2	Door	Casing	Wood	A	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)

Detailed Lead Based Paint Inspection

Inspection Date:	5/1/2025 - 5/1/2025	Inspection Site:	Vacant House 15317 Myrtle Avenue Harvey, IL 60426
Action Level:	1.0 (mg/cm²)		
Total Readings:	101		
Unit Started:	05/01/2025 14:27:49		
Unit Ended:	05/01/2025 15:13:55		

Read #	Result	RTA Present	Room	-- >RoomChoice	Structure	-- >Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
675	Negative	Off	Interior	Bedroom 2	Door	Panel	Wood	A	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
676	Negative	Off	Interior	2 Bedroom	Baseboard		Wood	A	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
677	Negative	Off	Interior	2 Bedroom	Window	Sill	Wood	A	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
678	Negative	Off	Interior	2 Bedroom	Window	Sash	Wood	A	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
679	Negative	Off	Interior	2 Bedroom	Window	Casing	Wood	A	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
680	Negative	Off	Interior	2 Bedroom	Wall		Drywall	A	LC	Deteriorated	0.0 mg/cm²	Action Level (1.0)
681	Negative	Off	Interior	2 Bedroom	Wall		Drywall	C	LC	Deteriorated	0.1 mg/cm²	Action Level (1.0)
682	Negative	Off	Interior	2 Bedroom	Ceiling		Drywall	C		Deteriorated	0.1 mg/cm²	Action Level (1.0)
683	Negative	Off	Interior	2 Bedroom	Door	Casing	Wood	C	Center	Deteriorated	0.1 mg/cm²	Action Level (1.0)
684	Negative	Off	Interior	2 Bedroom	Railing		Metal	C	Center	Deteriorated	0.1 mg/cm²	Action Level (1.0)
685	Positive	Off	Interior	2 Bedroom	Baluster		Metal	C	Center	Deteriorated	20.4 mg/cm²	Action Level (1.0)
686 (CAL)		Off	Calibration								1.0 mg/cm²	Action Level (1.0)

Detailed Lead Based Paint Inspection

Inspection Date: 5/1/2025 - 5/1/2025
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Unit Started: 05/01/2025 14:27:49
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Inspection Site: Vacant House
15317 Myrtle Avenue
Harvey, IL 60426

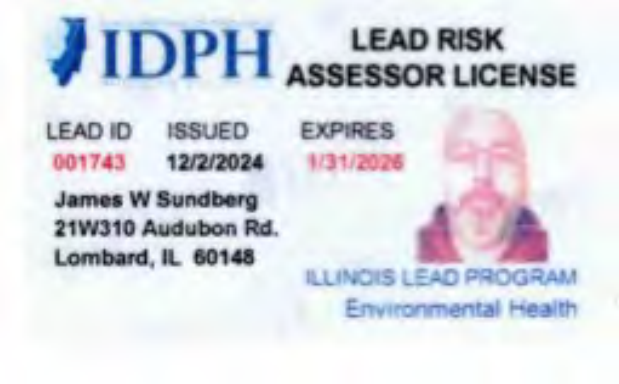
Read #	Result	RTA Present	Room	-- >RoomChoice	Structure	-- >Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
687 (CAL)		Off	Calibration								1.0 mg/cm²	Action Level (1.0)
688 (CAL)		Off	Calibration								0.9 mg/cm²	Action Level (1.0)
689 (CAL)		Off	Calibration								0.0 mg/cm²	Action Level (1.0)
690 (CAL)		Off	Calibration								0.0 mg/cm²	Action Level (1.0)
691 (CAL)		Off	Calibration								0.1 mg/cm²	Action Level (1.0)

------ END OF READINGS ------

A 3 E

IDPH INSPECTOR/RISK ASSESSOR'S LICENSE

Upcoming Demolition Areas - House
15317 South Myrtle Avenue, Harvey, IL 60426



XRF PERFORMANCE CHARACTERISTIC SHEETS

Performance Characteristic Sheet

EFFECTIVE DATE: **December 1, 2015**

MANUFACTURER AND MODEL:

Make: ***Heuresis***
Models: ***Model Pb200i***
Source: ***^{57}Co, 5 mCi (nominal – new source)***

FIELD OPERATION GUIDANCE

OPERATING PARAMETERS:

Action Level mode

XRF CALIBRATION CHECK LIMITS:

0.8 to 1.2 mg/cm^2 (inclusive)

SUBSTRATE CORRECTION:

Not applicable

INCONCLUSIVE RANGE OR THRESHOLD:

ACTION LEVEL MODE READING DESCRIPTION	SUBSTRATE	THRESHOLD (mg/cm^2)
Results not corrected for substrate bias on any substrate	Brick Concrete Drywall Metal Plaster Wood	1.0 1.0 1.0 1.0 1.0 1.0

BACKGROUND INFORMATION

EVALUATION DATA SOURCE AND DATE:

This sheet is supplemental information to be used in conjunction with Chapter 7 of the HUD *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing* ("HUD Guidelines"). Performance parameters shown on this sheet are calculated using test results on building components in the HUD archive. Testing was conducted on 146 test samples in November 2015, with two separate instruments running software version 2.1-2 in Action Level test mode. The actual source strength of each instrument on the day of testing was approximately 2.0 mCi; source ages were approximately one year.

OPERATING PARAMETERS

Performance parameters shown in this sheet are applicable only when properly operating the instrument using the manufacturer's instructions and procedures described in Chapter 7 of the HUD Guidelines.

XRF CALIBRATION CHECK:

The calibration of the XRF instrument should be checked using the paint film nearest 1.0 mg/cm^2 in the NIST Standard Reference Material (SRM) used (e.g., for NIST SRM 2579, use the 1.02 mg/cm^2 film).

If the average (rounded to 1 decimal place) of three readings is outside the acceptable calibration check range, follow the manufacturer's instructions to bring the instrument into control before XRF testing proceeds.

SUBSTRATE CORRECTION VALUE COMPUTATION:

Chapter 7 of the HUD Guidelines provides guidance on correcting XRF results for substrate bias. Supplemental guidance for using the paint film nearest 1.0 mg/cm^2 for substrate correction is provided:

XRF results are corrected for substrate bias by subtracting from each XRF result a correction value determined separately in each house for single-family housing or in each development for multifamily housing, for each substrate. The correction value is an average of XRF readings taken over the NIST SRM paint film nearest to 1.0 mg/cm^2 at test locations that have been scraped bare of their paint covering. Compute the correction values as follows:

> Using the same XRF instrument, take three readings on a bare substrate area covered with the NIST SRM paint film nearest 1 mg/cm^2. Repeat this procedure by taking three more readings on a second bare substrate area of the same substrate covered with the NIST SRM.
>
> Compute the correction value for each substrate type where XRF readings indicate substrate correction is needed by computing the average of all six readings as shown below.
>
> <u>For each substrate type</u> (the 1.02 mg/cm^2 NIST SRM is shown in this example; use the actual lead loading of the NIST SRM used for substrate correction):
>
> Correction value = (1st + 2nd + 3rd + 4th + 5th + 6th *Reading*)/6 - 1.02 mg/cm^2
>
> Repeat this procedure for each substrate requiring substrate correction in the house or housing development.

EVALUATING THE QUALITY OF XRF TESTING:

Randomly select ten testing combinations for retesting from each house or from two randomly selected units in multifamily housing.

Conduct XRF re-testing at the ten testing combinations selected for retesting.

Determine if the XRF testing in the units or house passed or failed the test by applying the steps below. Compute the Retest Tolerance Limit by the following steps:

Determine XRF results for the original and retest XRF readings. Do not correct the original or retest results for substrate bias. In single-family and multi-family housing, a result is defined as a single reading. Therefore, there will be ten original and ten retest XRF results for each house or for the two selected units.

Calculate the average of the original XRF result and the retest XRF result for each testing combination.

Square the average for each testing combination.

Add the ten squared averages together. Call this quantity C.

Multiply the number C by 0.0072. Call this quantity D.

Add the number 0.032 to D. Call this quantity E.

Take the square root of E. Call this quantity F.

Multiply F by 1.645. The result is the Retest Tolerance Limit.

Compute the average of all ten original XRF readings.

Compute the average of all ten re-test XRF readings.

Find the absolute difference of the two averages.

If the difference is less than the Retest Tolerance Limit, the inspection has passed the retest. If the difference of the overall averages equals or exceeds the Retest Tolerance Limit, this procedure should be repeated with ten new testing combinations. If the difference of the overall averages is equal to or greater than the Retest Tolerance Limit a second time, then the inspection should be considered deficient.

Use of this procedure is estimated to produce a spurious result approximately 1% of the time. That is, results of this procedure will call for further examination when no examination is warranted in approximately 1 out of 100 dwelling units tested.

TESTING TIMES:

In the Action Level paint test mode, the instrument takes the longest time to complete readings close to the Federal standard of 1.0 mg/cm^2. The table below shows the mean and standard deviation of actual reading times by reading level for paint samples during the November 2015 archive testing. The tested instruments reported readings to one decimal place. No significant differences in reading times by substrate were observed. These times apply only to instruments with the same source strength as those tested (2.0 mCi). Instruments with stronger sources will have shorter reading times and those with weaker sources, longer reading times, than those in the table.

Mean and Standard Deviation of Reading Times in Action Level Mode by Reading Level		
Reading (mg/cm^2)	**Mean Reading Time (seconds)**	**Standard Deviation (seconds)**
< 0.7	3.48	0.47
0.7	7.29	1.92
0.8	13.95	1.78
0.9 – 1.2	15.25	0.66
1.3 – 1.4	6.08	2.50
≥ 1.5	3.32	0.05

CLASSIFICATION OF RESULTS:

XRF results are classified as **positive** if they are **greater than or equal** to the stated threshold for the instrument (1.0 mg/cm^2), and *negative* if they are *less than* the threshold.

DOCUMENTATION:

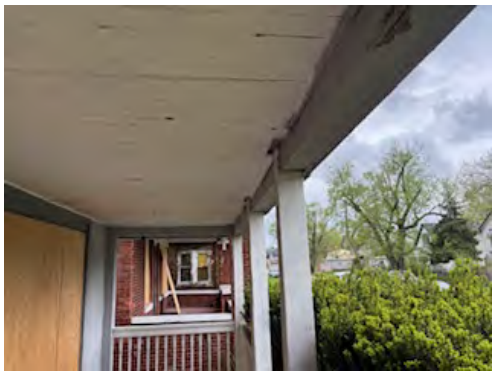
A report titled *Methodology for XRF Performance Characteristic Sheets* (EPA 747-R-95-008) provides an explanation of the statistical methodology used to construct the data in the sheets, and provides empirical results from using the recommended inconclusive ranges or thresholds for specific XRF instruments. The report may be downloaded at http://www2.epa.gov/lead/methodology-xrf-performance-characteristic-sheets-epa-747-r-95-008-september-1997.

This XRF Performance Characteristic Sheet (PCS) was developed by QuanTech, Inc., under a contract with the XRF manufacturer.

Upcoming Demolition Areas - House
15317 South Myrtle Avenue, Harvey, IL 60426

PHOTOGRAPH DOCUMENTATION OF COMPONENTS WITH LEAD BASED PAINT

Upcoming Demolition Areas - House
15317 South Myrtle Avenue, Harvey, IL 60426

	
Exterior Front and Back Porches. Wood Support Beams with Deteriorated Lead Based Paint (LBP).	**Exterior House. Transite Siding and Wood Window Components with Deteriorated LBP.**
	
Interior Basement. Wood Support Columns and Beams with Deteriorated LBP.	**Interior Basement. Wall C Wood Door Panel with Deteriorated LBP.**
	
Exterior House. Transite Siding with Deteriorated LBP.	

HAZARODUS MATERIALS BUILIDNG SURVEY

RESIDENTIAL HOUSE

15321 Myrtle Ave
Harvey, Illinois 60426

PREPARED FOR

Metropolitan Water Reclamation District of Greater Chicago (MWRD)
111 East Erie Street
Chicago, Illinois 60611

PREPARED BY

A3 Environmental, LLC
3030 Warrenville Road, Suite 418
Lisle, Illinois 60532
T: 888-405-1742

Project Number: 2025.0320
Date: June 20, 2025

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A3 Environmental, LLC
T: (888) 405-1742
F: (630) 507-9003
Info@A3E.com

Job Number 2025.0320

Metropolitan Water Reclamation District of Greater Chicago (MWRD)
Mr. Mark Leibrock
111 East Erie Street Suite 330
Chicago, Illinois 60611

Hazardous Materials Building Survey
Vacant Residential House
15321 Myrtle Avenue
Harvey, Illinois 60426

Dear: Mr. Leibrock:

A3 Environmental, LLC (A3E) is pleased to submit this Hazarodus Materials Building Survey to Include a Lead Based Paint (LBP) Survey, Hazardous Materials Survey (HMS) and Asbestos Containg Materials (ACM) Survey report for the property located at 15321 Myrtle Avenue in Harvey, Illinois (the "Site").

1.0 SITE DESCRIPTION

The Site is a vacant 1,000 square foot one story residential house with basement that was built in 1922 (according to real estate listings).

2.0 ACM SURVEY

The ACM Survey was conducted to categorize the different homogeneous materials within the building, to assess the condition of suspect asbestos-containing materials (ACMs), to develop and implement an asbestos sampling plan, and identify or negate the presence of asbestos through laboratory analysis.

2.1 ACM Executive Summary

The 15321 Myrtle Avenue Site is a one story, with walk-in attic, vacant residential home that has a basement and is slab on grade. The house is constructed of brick and wood frame with interior plaster walls and a pitched roof with asphalt shingles. There are hardwood floors with vinyl and ceramic floor tiles.

The field activities were conducted on May 1st, 2025, by Mr. Patrick W. Hook, a licensed Illinois Department of Public Health (IDPH) asbestos inspector. A3E collected a total of 44 bulk samples of suspect ACMs from 14 homogeneous materials identified at the 15321

A3 Environmental, LLC
T: (888) 405-1742
F: (630) 507-9003
Info@A3E.com

Myrtle Avenue Site. It is important to note that in many instances, additional material layers (i.e. mastics/glues/adhesives/layers) associated with the 44 bulk samples were also analyzed, thus increasing the total number of samples to 79.

Asbestos includes chrysotile, amosite, crocidolite, anthophyllite, tremolite and actinolite (fibrous minerals). The analytical report relates only to the samples tested. Samples were analyzed using Polarized Light Microscopy (PLM) with dispersion staining via EPA Method 600/R-93/116 or equivalent for bulk asbestos materials. The reliable limit of detection of this method is one percent (1%) asbestos content. When no asbestos is detected in the sample submitted, the results are reported as *None Detected.* If a sample contains greater than 1% asbestos, it is considered to be an asbestos-containing material by the United States Environmental Protection Agency- National Emission Standards for Hazardous Air Pollutants (EPA-NESHAPs), the United States Occupational Safety and Health Administration (OSHA), the Cook County Department of Environment and Sustainability (CCDES), the Illinois Environmental Protection Agency (IEPA) and the Illinois Department of Public Health (IDPH). However, if a material contains less than 1% asbestos, certain work practice requirements and prohibitions of the OSHA Asbestos in Construction Standard (29 CFR 1926.1101) must be followed (during activities where materials are disturbed such as re-modeling or demolition).

Suspect materials such as floor tile, mastics, glues, adhesives, ceramics and roofing are classified as Non-friable Organically Bound (NOB) materials. As such the EPA recommends, but is not required, further analysis of these type materials using Transmission Electron Microscopy (TEM) analysis or the EPA 600/R-93/116 400 Point Count Method for PLM samples identified to be less than 10% asbestos or to be inconclusive by PLM. TEM and/or point counting were not included in the base scope of services for this project.

In accordance with the Agreement, this ACM Survey focused on major interior and exterior building systems and components with potential to contain asbestos. It is possible that additional suspect or assumed ACMs may be present within inaccessible areas of the building, such as above fixed ceilings, within wall systems, behind walls, beneath layers of flooring, roof core layers, within pipe chases, in mechanical equipment insulation, in electrical components, and within HVAC equipment; therefore, these materials may not have been observed or sampled during this ACM Survey. It should be noted that any other suspect materials within the site building not sampled as part of this limited ACM Survey should be assumed to be ACM until proven otherwise prior to future renovation or demolition activities.

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F: (630) 507-9003
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2.2 Sampling Protocol

Bulk samples of each material suspected to contain asbestos were collected utilizing a modified Asbestos Hazard Emergency Response Act (AHERA) sampling protocol (AHERA, 40 CFR763.86), OSHA General Industry Standard 29 CFR 1910.1001, OSHA Asbestos Construction Standard 29 CFR 1926.1101, IEPA and IDPH rules and requirements.

Suspect ACMs were identified, and bulk samples were collected by a IDPH Licensed Asbestos Inspector and submitted for laboratory analysis. The EPA, OSHA, CCDES, IEPA and IDPH define ACM as a material that contains greater than one percent (1%) asbestos.

2.3 Laboratory Analysis

Submitted suspect ACM bulk samples were analyzed by TEM Environmental (TEM) located in Glendale Heights, Illinois. TEM is a National Voluntary Laboratory Accreditation Program (NVLAP) accredited laboratory, an American Industrial Hygiene Association (AIHA) accredited institution, and is also certified in Illinois. Bulk samples were analyzed using PLM EPA Method 600/R-93/116. Copies of the laboratory chain of custody and analytical report documentation are provided in the Appendix.

2.4 Limitations & Exceptions of Survey

Site observations are of the conditions observed at the time of the site reconnaissance.

A3E notes the following limitations:

All materials that are positive for asbestos have been quantified by A3E as good faith estimates. These good faith estimates should be verified by any general contractor or abatement company, prior to commencement of work, to determine the actual amount of identified materials that needs to be removed/abated.

It is also possible that additional suspect or assumed ACMs may be present within inaccessible areas of the building, such as above fixed ceilings, in wall systems, behind walls, beneath layers of flooring, roof core layers, within pipe chases, in mechanical equipment insulation, in electrical components, and within HVAC equipment; therefore, these materials may not have been observed or sampled during this limited ACM Survey. It should be noted that any other suspect materials within the site building not sampled as part of this limited ACM Survey should be assumed to be ACM until proven otherwise prior to future renovation or demolition activities.

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2.5 Results

Bulk sampling of homogeneous areas containing suspect ACMs was conducted at the site. A homogeneous area is defined as an area of surfacing material, thermal system insulation material or miscellaneous material that is uniform in appearance, color and texture, and was applied at the same time.

Prior to collection of suspect materials, the sample location was sprayed with amended water to minimize fiber release and to soften the building material being sampled. Bulk materials were sampled from the center of the wetted area. After the sample was taken, the bulk material was placed in a sample bag which was sealed to prevent escape or contamination of outside sources. A unique sample number was assigned to each sample and the sample bag was labeled with that number.

Asbestos includes chrysotile, amosite, crocidolite, anthophyllite, tremolite and actinolite (fibrous minerals). The analytical report relates only to the samples tested. Samples were analyzed using PLM with dispersion staining via EPA Method 600/R-93/116 or equivalent for bulk asbestos materials. The reliable limit of detection of this method is one percent (1%) asbestos content. When no asbestos is detected in the sample submitted, the results are reported as *None Detected.* If a sample contains greater than 1% asbestos, it is considered to be an asbestos-containing material by EPA-NESHAPs, OSHA, CCDES IEPA and IDPH. The following tables describes materials sampled, locations, analytical results, friability, condition, and quantity estimates of materials sampled at the building. Building materials identified at the facility to contain greater than 1% asbestos are bolded.

SAMPLE #	DESCRIPTION	MATERIAL LOCATION	LAB RESULTS	FRIABILITY/ CONDITION	ESTIMATED QUANTITY	NOTES
FT1-A,B,C	12"x12" White Mottle Floor Tile & Mastic	Bedroom 1, Bathroom Closet, Bedroom 2 Closet	ND ND ND	Not Friable/ Good	140 SF	
FT2-A,B,C	12"x12" Beige & Tan Floor Tile & Mastic	Kitchen	ND ND ND	Not Friable/ Good	120 SF	1st Layer
FT3-A,B,C	White/Tan Floor Tile & Mastic	Kitchen	ND ND ND	Not Friable/ Good	120 SF	2nd Layer
FT4-A,B,C	Decorative Gray & Tan Floor Tile & Mastic	Kitchen	ND ND ND	Not Friable/ Good	120 SF	3rd Layer

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FT5-A,B,C	White with Blue Specks Floor Tile with Black Backing	Kitchen	ND ND ND	Not Friable/ Good	120 SF	4th Layer
FT6-A,B,C	Beige Diamond-Square Pattern Floor Tile & Mastic	Kitchen	ND ND ND	Not Friable/ Good	120 SF	5th Layer
CWT1-A,B,C	6"x4" Tan & White Ceramic Wall Tile & Adhesive	Bathroom	ND ND ND	Not Friable/ Good	45 SF	
CFT1-A,B,C	12"x12" Beige Ceramic Floor Tile & Adhesive	Bathroom	ND ND ND	Not Friable/ Good	81 SF	
PL1-A,B,C,D,E	Plaster (Base & Skim Coat)	Throughout	ND ND ND ND ND	Not Friable/ Good	5,000 SF	
TP1-A,B,C	White Textured Paint	Living Room Ceiling	ND ND ND	Not Friable/ Good	520 SF	
BM1-A,B,C	Brick & Mortar	Exterior	ND ND ND	Not Friable/ Good	2,000 SF	
SH1-A,B,C	Tan Roof Shingle	Roof	ND ND ND	Not Friable/ Good	1,400 SF	
FP1-A,B,C	Felt/Tar Paper	Roof	ND ND ND	Not Friable/ Good	1,400 SF	Under SH1
FBM1-A,B,C	Flue Brick & Mortar	Basement & Attic	ND ND ND	Not Friable/ Good	150 SF	

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2.5.1 Survey Method & Results

The field activities were conducted on May 1st, 2025, by Mr. Patrick W. Hook, a licensed Illinois Department of Public Health (IDPH) asbestos inspector. A3E collected a total of 44 bulk samples of suspect ACMs from 14 homogeneous materials identified at the 15321 Myrtle Avenue Site. It is important to note that in many instances, additional material layers (i.e. mastics/glues/adhesives/layers) associated with the 44 bulk samples were also analyzed, thus increasing the total number of samples to 79.

No sampled building materials were found to contain asbestos and laboratory results are indicated as - None Detected.

3.0 LEAD SURVEY

A comprehensive LBP Inspection of accessible buildings and rooms was performed on this Property. The purpose of this inspection was to determine the presence or absence of Lead Based Paint (LBP), as defined by the United States Environmental Protection Agency (USEPA) and the Illinois Department of Public Health (IDPH). This inspection was conducted on May 1, 2025 by James W. Sundberg (License Number IL1743).

Even though not applicable on this type of property, the protocol used for this inspection is based on the practices and procedures in the United States Department of Housing and Urban Development's (HUD) Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing, 2012 Revision (HUD Guidelines) and the United States Environmental Protection Agency's (USEPA) 40 CFR Part 745 (Lead; Identification of Dangerous Levels of Lead; Final Rule; January 5, 2001), It should be noted that the Occupational Safety and Health Administration (OSHA) Lead in Construction Standard (29 CFR 1926.62) does not define Lead Based Paint (LBP). A modified, comprehensive inspection by building of building WAS performed. Although all painted, varnished, and shellacked components on a room by room basis were tested, limited numbers of walls (about 2) per room were tested.

The Inspection was conducted utilizing the Viken Detection (formerly Heuresis Pb200i XRF (Serial Number 2187). The XRF fieldwork was conducted in accordance with the guidelines outlined in the EPA Performance Characteristic Sheet (Attached). In addition, please note the report does not label locations as North, South, East, and West. It utilizes A, B, C, and D. For this report, Wall A corresponds to the West Wall (Street Address Side) in every room. Walls B, C, and D are labeled from Wall A in a clockwise manner. For this project, Wall A is to the West, Wall B is to the North, Wall C is to the East, and Wall D is to the South. Component by component testing on a room by room basis was performed throughout the property. It was attempted to test all components that were painted,

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varnished, or shellacked. Some readings were above the United States Environmental Protection Agency (USEPA) and Illinois Department of Public Health (IDPH) Regulatory Level of 1.0 mg/cm².

The table below contains a summary of the generic components that tested POSITIVE for LBP on this property. Since all accessible, painted components were tested, components not listed in the table below tested negative for LBP.

15321 MYRTLE AVE - GENERIC COMPONENTS POSITIVE FOR LBP	
ROOM	**COMPONENT**
Exterior House	Wall C Wood and Stone Door Header
	Wood Soffit and Fascia (under Aluminum)
	Older Wood and Stone Window Components
Exterior Front Porch	Stone Trim and Column Caps
	Wood Support Beams, Crown Molding, and Floor
Interior Kitchen	Plaster Ceiling
Interior Attic	Wood Window Sashes
All Components in some form of deteriorated condition.	

4.0 HAZARDOUS MATERIALS SURVEY

This section summarizes the findings of a hazardous/universal waste materials survey walkthrough and evaluation performed by A3 Environmental, LLC (A3E) on April 2, 2025 at the Vacant Residential House located at 15321 Myrtle Avenue in Chicago, Illinois. The walkthrough consisted of an evaluation and quantification of universal wastes, chemicals, equipment, and other environmentally sensitive materials that will likely be encountered during any future building demolition or renovation activities. These materials should be accounted for and removed prior to, or in conjunction with, these activities if not to remain in use.

4.1 Polychlorinated Biphenyls (PCBs)

A3E conducted a site reconnaissance to locate, identify and quantify potential PCB-containing items. No fluorescent bulbs or ballasts were observed.

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4.2 Universal Wastes

Under the US Environmental Protection Agency's (US EPA) Universal Waste Rule (40 CFR 273), certain common hazardous wastes (called universal wastes) can be managed under less stringent requirements that those of the Resource Conservation and Recovery Act (RCRA) Hazardous Waste rules. The categories of waste identified by the US EPA as Universal Waste are: Recalled or Unused Pesticides, Hazardous Waste Batteries, Mercury-Containing Thermostats, and Hazardous Waste Lamps.

These Federal rules provide states with the authority to add categories of waste that may be managed as universal waste within the state. The State of Illinois has established standards for the management of universal waste. These standards are listed in the Illinois Administrative Code: Title 35, Subtitle G, Chapter 1, Subpart c, Part 733. The State of Illinois has not opted to include any additional wastes beyond those identified by the US EPA in its Universal Waste Standard. However, the State of Illinois has redefined US EPA's category Mercury-Containing Thermostats and as a result developed two categories: Mercury Thermostats and Mercury-Containing Equipment.

The following Universal Wastes were identified at the site:

Mercury Thermostats/Regulators

A3E observed two thermostats in the residence. Numerous light fixtures/ceiling fans with standard light bulbs were observed throughout the residence (please refer to figues for light fixture locations).

4.3 Other Hazardous Containing Materials

A3E did observe a gas meter, cable/satelite box, doorbell unit, electric meter, breaker box, telephone/cable box, satelite dish, an HVAC unit, smoke/fire alarms (please see figures for locations).

Some of the items discussed in this report can be recycled by using state and local (City of Chicago, Cook County, IEPA) resources. Items need to be collected and transported to these recycling facilities where some fees may apply.

5.0 FINDINGS & CONCLUSIONS

Metropolitan Water Reclamation District of Greater Chicago (MWRD) retained A3 Environmental (A3E) to conduct an Asbestos-Containing Material Survey (ACM Survey), Lead Based Paint Survey and Hazardous Materials Survey of the control buildings located at 15321 Myrtle Avenue Harvey, Cook, Illinois 60426 (the facility or building).

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T: (888) 405-1742
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ACM Survey: **No sampled building materials were found to contain asbestos and laboratory results are indicated as - None Detected.**

Lead Survey: **The Folowing building components were identified at the 15321 Myrtle Avenue residence to contain greater than 1.0 mg/cm² of lead.**

- **Exterior House - wall C wood and door header, wood soffit and fascia (under aluminum siding), older wood and stone window components**
- **Exterior Front Porch - stone trim and column caps, wood support beams, crown molding and floor**
- **Interior Kitchen - plaster ceiling**
- **Interior Attic - wood window sashes**

Hazardous Materials Survey:

- **A3E observed two thermostats and numerous light fixtures/ceiling fans with standard light bulbs were observed throughout the residence. A3E did observe a gas meter, cable/satelite box, doorbell unit, electric meter, breaker box, telephone/cable box, satelite dish, an HVAC unit, smoke/fire alarms (please see figures for locations). These materials should be removed or recycled properly prior to demolition.**

6.0 SIGNATURE OF ENVIRONMENTAL PROFESSIONALS

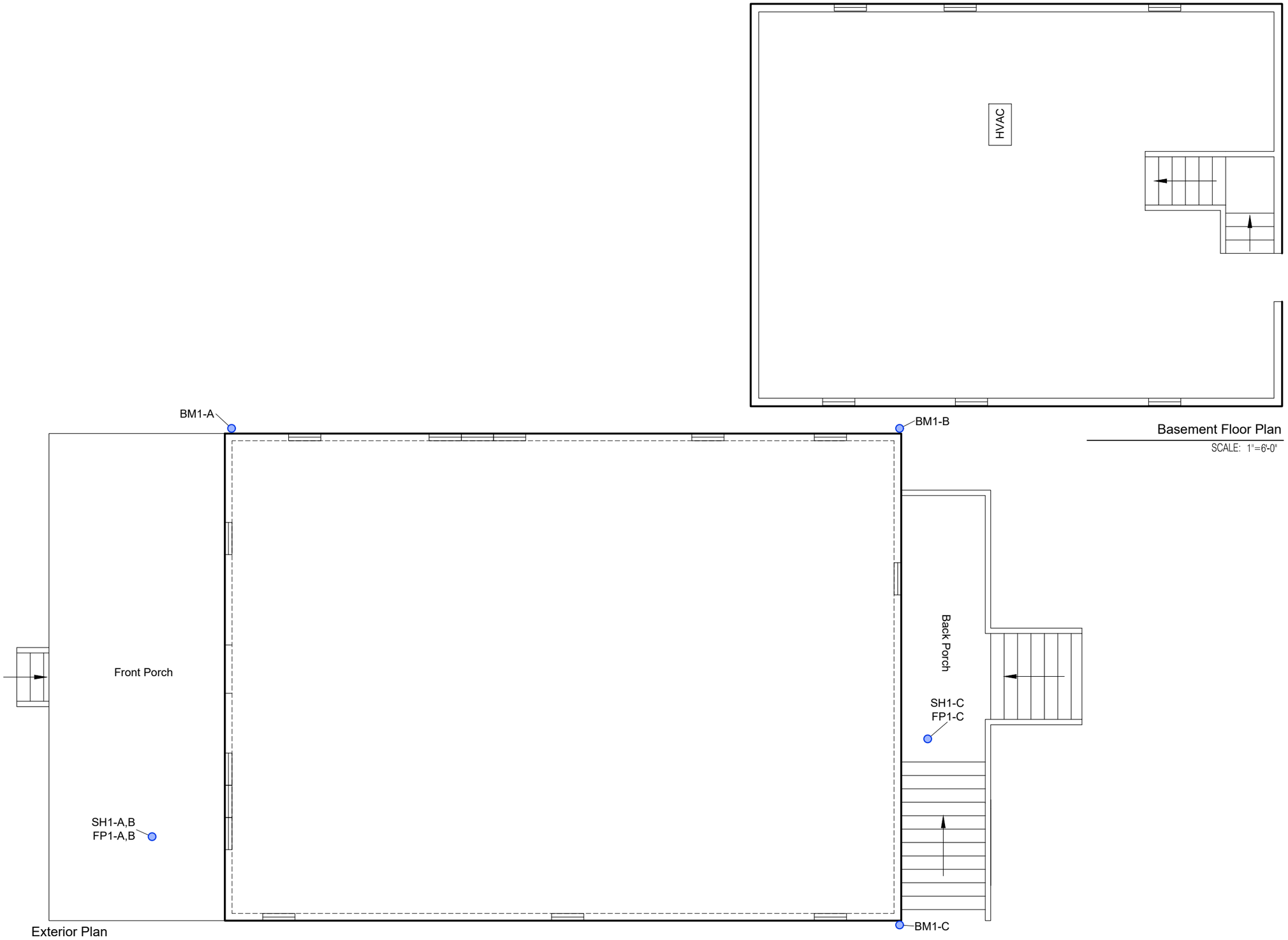
These surveys were performed as described in the authorized Agreement between Metropolitan Water Reclamation District of Greater Chicago (MWRD) and A3E dated February 12, 2025 and documents the sampling methodology used by qualified environmental professionals of A3E to obtain, identify, and summarize information pertaining to ACMs located at the Vacant Residential House located at 15321 Myrtle Avenue Harvey, Cook, Illinois 60426 (the facility or building).

Report Prepared By:



A3 Environmental, LLC
T: (888) 405-1742
F: (630) 507-9003
Info@A3E.com

Patrick W. Hook PG
Lead Consultant, EPA AHERA Certified Asbestos Building Inspector, Project Manager, IDPH #100-10967



Basement Floor Plan

SCALE: 1"=6'-0"

Exterior Plan

SCALE: 1"=6'-0"

A3E CONSULTANTS

Legend

Sample Location

REV #	DESCRIPTION	DATE

SITE:
15321 Myrtle Avenue
Harvey, IL 60426

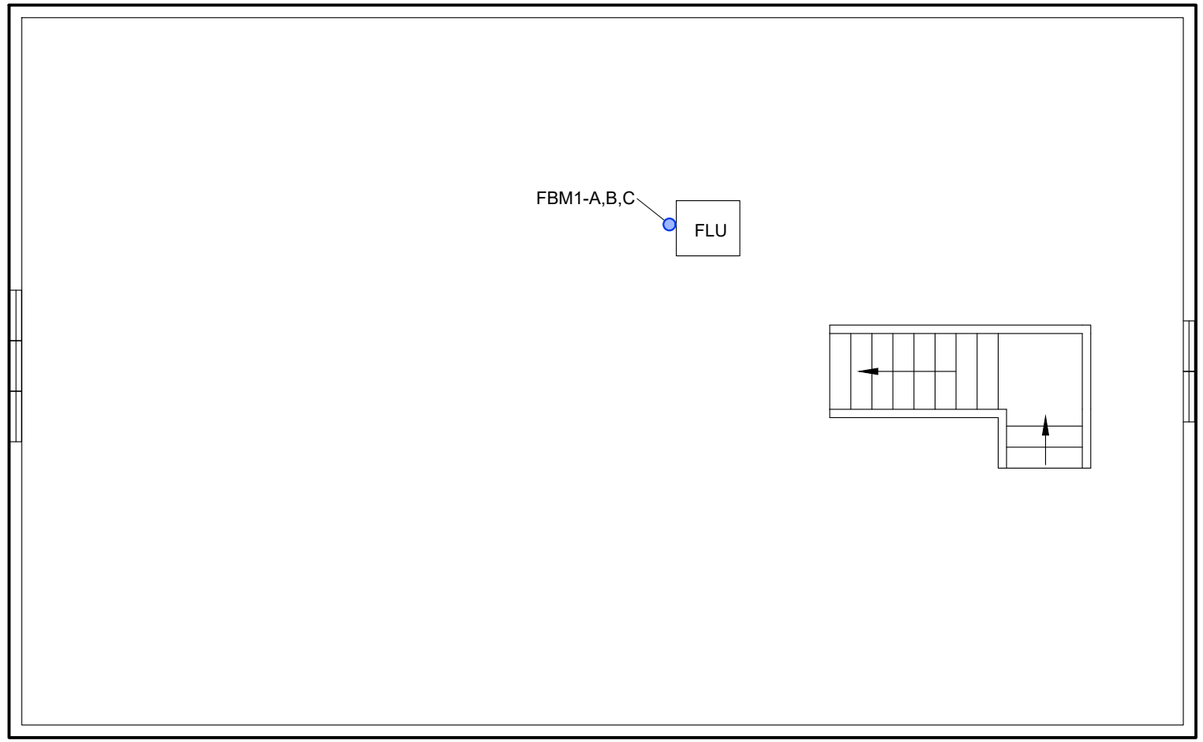
PROJECT NUMBER: 2025.0320

DATE: 06.05.2025

SCALE: 1" = 6'-0"

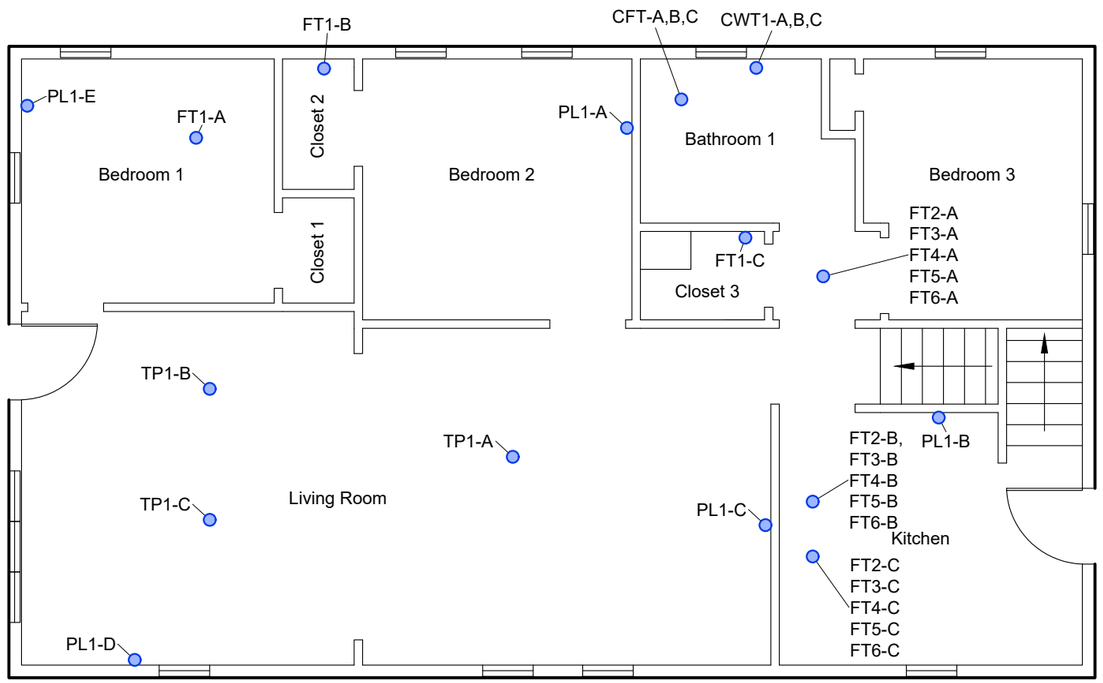
DWG:
ASBESTOS SAMPLE LOCATION MAP

PAGE:
1



Second Floor Plan

SCALE: 1"=6'-0"



First Floor Plan

SCALE: 1"=6'-0"

A3E CONSULTANTS

Legend

Sample Location

REV #	DESCRIPTION	DATE

SITE:
15321 Myrtle Avenue
Harvey, IL 60426

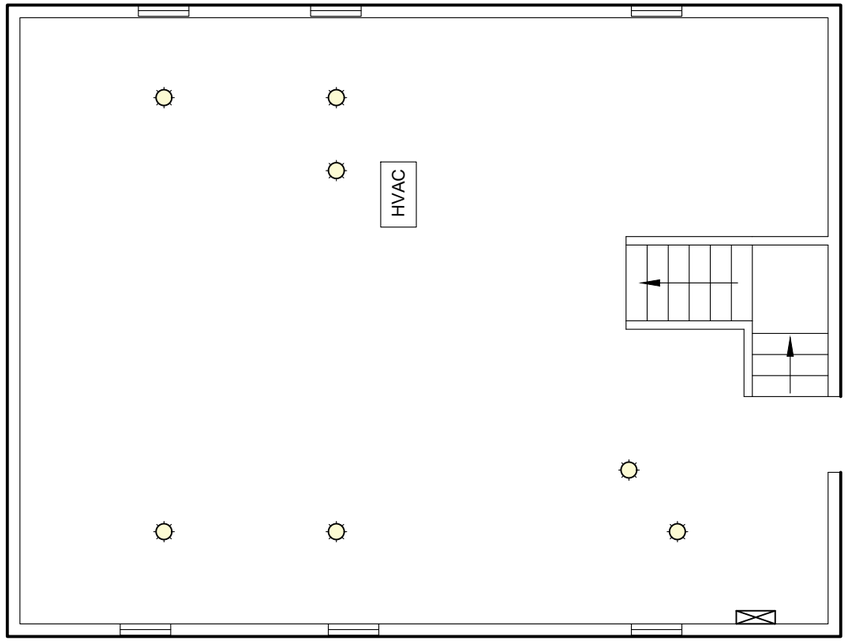
PROJECT NUMBER: 2025.0320

DATE: 06.05.2025

SCALE: 1" = 6'-0"

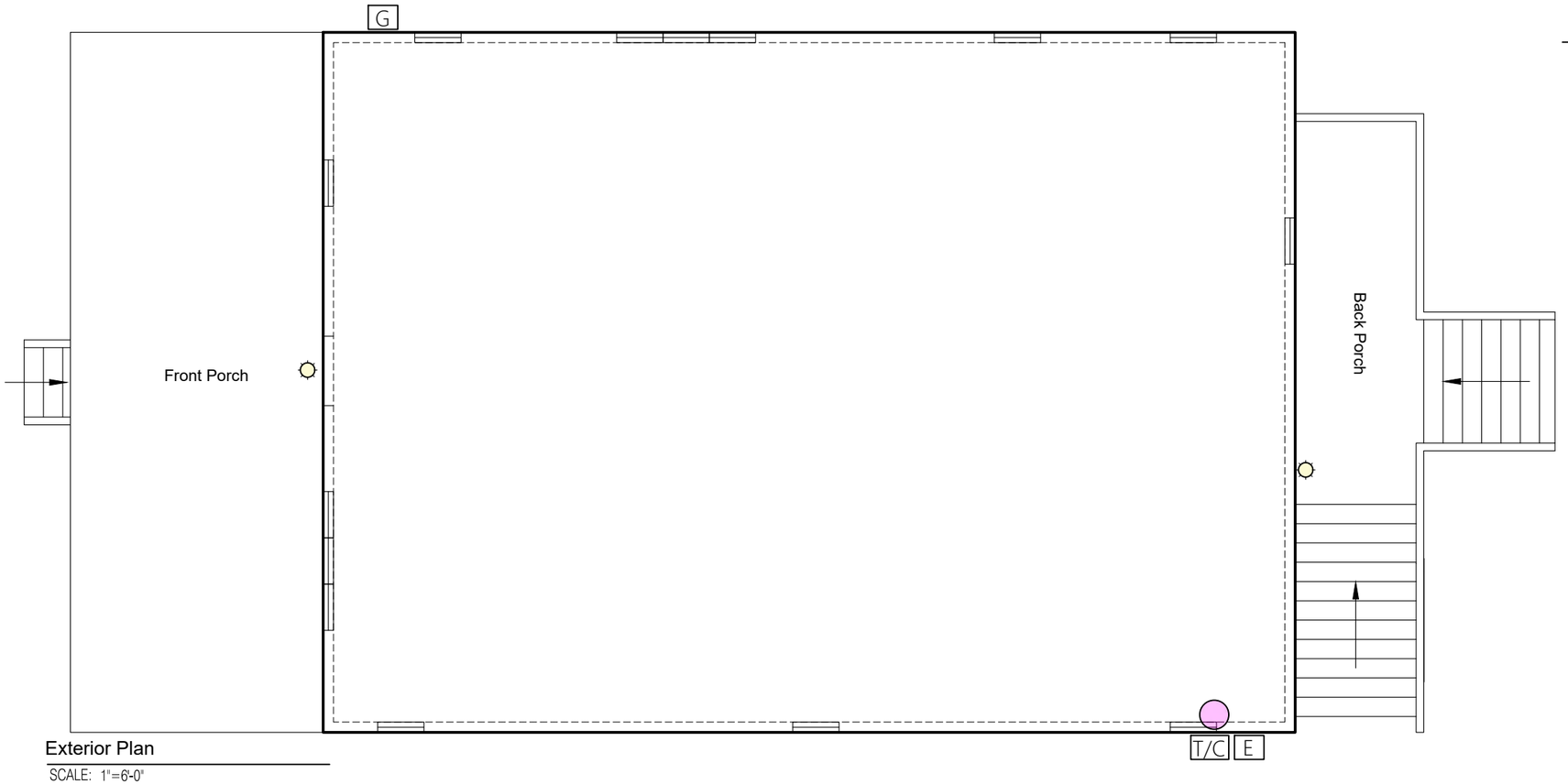
DWG:
ASBESTOS SAMPLE LOCATION MAP

PAGE: 2



Basement Floor Plan

SCALE: 1"=6'-0"



Exterior Plan

SCALE: 1"=6'-0"

A3E CONSULTANTS

Legend

- Light
- G — Gas Meter
- E — Electric Meter
- Breaker Box
- Satellite Dish
- T/C — Telephone/Cable Box

REV #	DESCRIPTION	DATE

SITE:
15321 Myrtle Avenue
Harvey, IL 60426

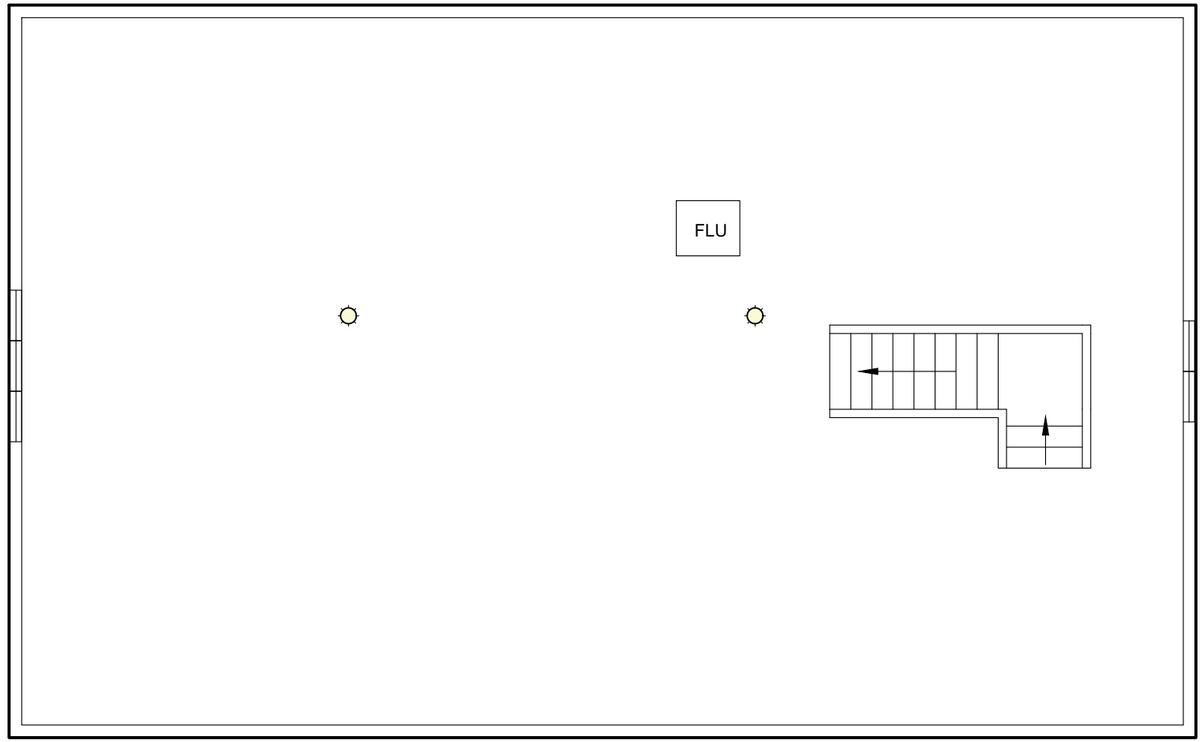
PROJECT NUMBER: 2025.0320

DATE: 06.05.2025

SCALE: 1" = 6'-0"

DWG: HAZARDOUS MATERIAL SURVEY

PAGE: 3



Second Floor Plan

SCALE: 1"=6'-0"



First Floor Plan

SCALE: 1"=6'-0"

A3E CONSULTANTS

Legend

- Light
- Thermostat
- Smoke/Fire Alarm
- Doorbell

REV #	DESCRIPTION	DATE

SITE:
15321 Myrtle Avenue
Harvey, IL 60426

PROJECT NUMBER: 2025.0320

DATE: 06.05.2025

SCALE: 1" = 6'-0"

DWG: HAZARDOUS MATERIAL SURVEY

PAGE: 4

IDPH
ILLINOIS DEPARTMENT OF PUBLIC HEALTH

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

IDPH

ASBESTOS PROFESSIONAL LICENSE

ID NUMBER	ISSUED	EXPIRES
100 - 10967	3/10/2025	05/15/2026

PATRICK W HOOK
2025 WOODLANE DR
LINDENHURST, IL 60046
Environmental Health



Back of License

ENDORSEMENTS	TC EXPIRES
INSPECTOR	1/10/2026
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

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LABORATORY REPORT
BULK SAMPLE ASBESTOS EVALUATION BY POLARIZED LIGHT MICROSCOPY METHOD

Client:	A3 Environmental	**Project Location:**	15321 Myrtle Ave.
Contact	Patrick Hook	**Project Reference:**	2025.0320
Address:	3030 Warrenville Rd., Suite 418	**TEM Project:**	76525
	Lisle IL 60532-	**Analyzed by:**	Lori Boersma
		Date Analyzed:	5/22/2025

Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID / Description	Lab ID	Color		Type	Percent	Type	Percent	Filler / Binder	Comments
FT1-A 12"x12" White Mottle FT	571180	White	None Detected	-	-	-	-	90-100	SLM
FT1-B 12"x12" White Mottle FT	571181	White	None Detected	-	-	-	-	90-100	SLM
FT1-C 12"x12" White Mottle FT	571182	White	None Detected	-	-	-	-	90-100	SLM
FT1-A* White Mottle FT Mastic	571183	Clear	None Detected	-	-	Cellulose:	Trace	90-100	
FT1-B* White Mottle FT Mastic	571184	Clear	None Detected	-	-	-	-	90-100	
FT1-C* White Mottle FT Mastic	571185	Clear	None Detected	-	-	-	-	90-100	
FT2-A 12"x12" Beige/Tan FT	571186	Beige/Tan	None Detected	-	-	-	-	90-100	SLM
FT2-B 12"x12" Beige/Tan FT	571187	Beige/Tan	None Detected	-	-	-	-	90-100	SLM

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LABORATORY REPORT
BULK SAMPLE ASBESTOS EVALUATION BY POLARIZED LIGHT MICROSCOPY METHOD

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Contact	Patrick Hook	**Project Reference:**	2025.0320
Address:	3030 Warrenville Rd., Suite 418	**TEM Project:**	76525
	Lisle IL 60532-	**Analyzed by:**	Lori Boersma
		Date Analyzed:	5/22/2025

Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID Description	Lab ID	Color		Type	Percent	Type	Percent	Filler Binder	Comments
FT2-C 12"x12" Beige/Tan FT	571188	Beige/Tan	None Detected	-	-	-	-	90-100	SLM
FT2-A* Beige & Tan FT Mastic	571189	Yellow/Clear	None Detected	-	-	Cellulose:	Trace	90-100	
FT2-B* Beige & Tan FT Mastic	571190	Yellow/Clear	None Detected	-	-	- Hair	- Trace	90-100	
FT2-C* Beige & Tan FT Mastic	571191	Yellow/Clear	None Detected	-	-	Cellulose: Hair	Trace Trace	90-100	
FT3-A White/Tan Floor Tile	571192	White/Tan	None Detected	-	-	-	-	90-100	SLM
FT3-B White/Tan Floor Tile	571193	White/Tan	None Detected	-	-	-	-	90-100	SLM
FT3-C White/Tan Floor Tile	571194	White/Tan	None Detected	-	-	-	-	90-100	SLM
FT3-A* White/Tan FT Mastic	571195	Brown	None Detected	-	-	Cellulose:	3-5	95-97	

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LABORATORY REPORT
BULK SAMPLE ASBESTOS EVALUATION BY POLARIZED LIGHT MICROSCOPY METHOD

Client:	A3 Environmental	**Project Location:**	15321 Myrtle Ave.
Contact	Patrick Hook	**Project Reference:**	2025.0320
Address:	3030 Warrenville Rd., Suite 418	**TEM Project:**	76525
	Lisle IL 60532-	**Analyzed by:**	Lori Boersma
		Date Analyzed:	5/22/2025

Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID / Description	Lab ID	Color		Type	Percent	Type	Percent	Filler / Binder	Comments
FT3-B* White/Tan FT Mastic	571196	Brown	None Detected	-	-	Cellulose:	3-5	95-97	
FT3-C* White/Tan FT Mastic	571197	Brown	None Detected	-	-	Cellulose:	5-10	90-95	
FT4-A Gray & Tan Floor Tile	571198	Gray/Tan	None Detected	-	-	-	-	90-100	SLM
FT4-B Gray & Tan Floor Tile	571199	Gray/Tan	None Detected	-	-	-	-	90-100	SLM
FT4-C Gray & Tan Floor Tile	571200	Gray/Tan	None Detected	-	-	-	-	90-100	SLM
FT4-A* Gray & Tan FT Mastic	571201	Yellow/Clear	None Detected	-	-	-	-	90-100	
FT4-B* Gray & Tan FT Mastic	571202	Yellow/Clear	None Detected	-	-	-	-	90-100	
FT4-C* Gray & Tan FT Mastic	571203	Yellow/Clear	None Detected	-	-	-	-	90-100	

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BULK SAMPLE ASBESTOS EVALUATION BY POLARIZED LIGHT MICROSCOPY METHOD

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Contact	Patrick Hook	**Project Reference:**	2025.0320
Address:	3030 Warrenville Rd., Suite 418	**TEM Project:**	76525
	Lisle IL 60532-	**Analyzed by:**	Lori Boersma
		Date Analyzed:	5/22/2025

Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID / Description	Lab ID	Color		Type	Percent	Type	Percent	Filler / Binder	Comments
FT5-A White w/Blue Specks FT	571204	White/Blue	None Detected	-	-	-	-	90-100	SLM
FT5-B White w/Blue Specks FT	571205	White/Blue	None Detected	-	-	-	-	90-100	SLM
FT5-C White w/Blue Specks FT	571206	White/Blue	None Detected	-	-	-	-	90-100	SLM
FT5-A* White/Blue FT Black Backing	571207	Black	None Detected	-	-	-	-	90-100	
FT5-B* White/Blue FT Black Backing	571208	Black	None Detected	-	-	Cellulose:	Trace	90-100	
FT5-C* White/Blue FT Black Backing	571209	Black	None Detected	-	-	-	-	90-100	
FT6-A Beige Patterned Floor Tile	571210	Beige	None Detected	-	-	-	-	90-100	SLM
FT6-B Beige Patterned Floor Tile	571211	Beige	None Detected	-	-	-	-	90-100	SLM

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TEM ENVIRONMENTAL, INC.
ENVIRONMENTAL SCIENTISTS | INDUSTRIAL HYGIENISTS

LABORATORY REPORT
BULK SAMPLE ASBESTOS EVALUATION BY POLARIZED LIGHT MICROSCOPY METHOD

Client:	A3 Environmental			**Project Location:**	15321 Myrtle Ave.
Contact	Patrick Hook			**Project Reference:**	2025.0320
Address:	3030 Warrenville Rd., Suite 418			**TEM Project:**	76525
	Lisle	IL	60532-	**Analyzed by:**	Lori Boersma
				Date Analyzed:	5/22/2025

Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID / Description	Lab ID	Color		Type	Percent	Type	Percent	Filler / Binder	Comments
FT6-C Beige Patterned Floor Tile	571212	Beige	None Detected	-	-	-	-	90-100	SLM
FT6-A* Beige Patterned FT Mastic	571213	Clear	None Detected	-	-	Cellulose:	Trace	90-100	
FT6-B* Beige Patterned FT Mastic	571214	Clear	None Detected	-	-	Cellulose:	1-2	98-99	
FT6-C* Beige Patterned FT Mastic	571215	Clear	None Detected	-	-	Cellulose:	1-2	98-99	
CWT1-A Tan & White Ceramic Wall Tile	571216	Tan/White	None Detected	-	-	-	-	90-100	
CWT1-B Tan & White Ceramic Wall Tile	571217	Tan/White	None Detected	-	-	-	-	90-100	
CWT1-C Tan & White Ceramic Wall Tile	571218	Tan/White	None Detected	-	-	-	-	90-100	
CWT1-A* Ceramic WT Adhesive	571219	Gray	None Detected	-	-	- Glass:	- 5-10	90-95	

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	Lisle	IL	60532-	**Analyzed by:**	Lori Boersma
				Date Analyzed:	5/22/2025

Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID Description	Lab ID	Color		Type	Percent	Type	Percent	Filler Binder	Comments
CWT1-B* Ceramic WT Adhesive	571220	Gray	None Detected	-	-	- Glass:	- 5-10	90-95	
CWT1-C* Ceramic WT Adhesive	571221	Gray	None Detected	-	-	- Glass:	- 5-10	90-95	
CFT1-A Beige Ceramic Floor Tile	571222	Beige	None Detected	-	-	-	-	90-100	
CFT1-B Beige Ceramic Floor Tile	571223	Beige	None Detected	-	-	-	-	90-100	
CFT1-C Beige Ceramic Floor Tile	571224	Beige	None Detected	-	-	-	-	90-100	
CFT1-A* Beige Ceramic FT Adhesive	571225	Gray	None Detected	-	-	- Glass:	- 5-10	90-95	
CFT1-B* Beige Ceramic FT Adhesive	571226	Gray	None Detected	-	-	- Glass:	- 5-10	90-95	
CFT1-C* Beige Ceramic FT Adhesive	571227	Gray	None Detected	-	-	- Glass:	- 5-10	90-95	

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Address:	3030 Warrenville Rd., Suite 418			**TEM Project:**	76525
	Lisle	IL	60532-	**Analyzed by:**	Lori Boersma
				Date Analyzed:	5/22/2025

Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID Description	Lab ID	Color		Type	Percent	Type	Percent	Filler Binder	Comments
PL1-A Plaster - Base Coat	571228	Gray	None Detected	-	-	-	-	90-100	
PL1-B Plaster - Base Coat	571229	Gray	None Detected	-	-	- Hair	- Trace	90-100	
PL1-C Plaster - Base Coat	571230	Gray	None Detected	-	-	Cellulose:	1-2	98-99	
PL1-D Plaster - Base Coat	571231	Gray	None Detected	-	-	-	-	90-100	
PL1-E Plaster - Base Coat	571232	Gray	None Detected	-	-	-	-	90-100	
PL1-A* Plaster - Skim Coat	571233	White	None Detected	-	-	-	-	90-100	
PL1-B* Plaster - Skim Coat	571234	White	None Detected	-	-	Cellulose:	Trace	90-100	
PL1-C* Plaster - Skim Coat	571235	White	None Detected	-	-	-	-	90-100	

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Address:	3030 Warrenville Rd., Suite 418	**TEM Project:**	76525
	Lisle IL 60532-	**Analyzed by:**	Lori Boersma
		Date Analyzed:	5/22/2025

Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID Description	Lab ID	Color		Type	Percent	Type	Percent	Filler Binder	Comments
PL1-D* Plaster - Skim Coat	571236	White	None Detected	-	-	-	-	90-100	
PL1-E* Plaster - Skim Coat	571237	White	None Detected	-	-	-	-	90-100	
TP1-A White Textured Paint	571238	White	None Detected	-	-	-	-	90-100	
TP1-B White Textured Paint	571239	White	None Detected	-	-	-	-	90-100	
TP1-C White Textured Paint	571240	White	None Detected	-	-	-	-	90-100	
BM1-A Brick - Exterior	571241	Dark Red	None Detected	-	-	-	-	90-100	
BM1-B Brick - Exterior	571242	Dark Red	None Detected	-	-	-	-	90-100	
BM1-C Brick - Exterior	571243	Dark Red	None Detected	-	-	-	-	90-100	

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	Lisle	IL	60532-	**Analyzed by:**	Lori Boersma
				Date Analyzed:	5/22/2025

Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID Description	Lab ID	Color		Type	Percent	Type	Percent	Filler Binder	Comments
BM1-A* Mortar - Exterior	571244	Light Red	None Detected	-	-	-	-	90-100	
BM1-B* Mortar - Exterior	571245	Light Red	None Detected	-	-	-	-	90-100	
BM1-C* Mortar - Exterior	571246	Light Red	None Detected	-	-	-	-	90-100	
SH1-A Tan Shingle (Roof)	571247	Tan	None Detected	-	-	- Glass:	- 50-60	40-50	
SH1-B Tan Shingle (Roof)	571248	Tan	None Detected	-	-	- Glass:	- 50-60	40-50	
SH1-C Tan Shingle (Roof)	571249	Tan	None Detected	-	-	- Glass:	- 50-60	40-50	
FP1-A Felt/Tar Paper (Roof)	571250	Black	None Detected	-	-	- Glass:	- 30-40	60-70	
FP1-B Felt/Tar Paper (Roof)	571251	Black	None Detected	-	-	- Glass:	- 30-40	60-70	

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Contact	Patrick Hook			**Project Reference:**	2025.0320
Address:	3030 Warrenville Rd., Suite 418			**TEM Project:**	76525
	Lisle	IL	60532-	**Analyzed by:**	Lori Boersma
				Date Analyzed:	5/22/2025

Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID Description	Lab ID	Color		Type	Percent	Type	Percent	Filler Binder	Comments
FP1-C Felt/Tar Paper (Roof)	571252	Black	None Detected	-	-	- Glass:	- 30-40	60-70	
FBM1-A Flue Brick	571253	Red	None Detected	-	-	-	-	90-100	
FBM1-B Flue Brick	571254	Red	None Detected	-	-	-	-	90-100	
FBM1-C Flue Brick	571255	Red	None Detected	-	-	-	-	90-100	
FBM1-A* Mortar	571256	Gray	None Detected	-	-	Cellulose:	Trace	90-100	
FBM1-B* Mortar	571257	Gray	None Detected	-	-	-	-	90-100	
FBM1-C* Mortar	571258	Gray	None Detected	-	-	-	-	90-100	

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				Date Analyzed:	5/22/2025

Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID	Lab ID	Color						Filler	Comments
Description				Type	Percent	Type	Percent	Binder	

Samples are analyzed following the procedures contained in the USEPA Method 600/R-93/116 July 1993. This report applies only to samples analyzed. This report may not be reproduced except in full and with the approval of TEM Environmental, Inc. This report may not be used by the client to claim product endorsement by NVLAP or any agency of the US government. An estimate of the laboratory uncertainty is available upon request.
SLM: Certain samples may warrant additional analysis beyond the standard USEPA Polarized Light Microscopy method. 1) Further testing using the point count method is recommend for friable samples found to contain less than 10% asbestos by PLM to confirm that the samples are in fact regulated asbestos containing materials (RACM) as defined by the USEPA NESHAP Regulation. 2) The optical resolution of a polarized light microscope limits the size of fibers that are visible. In cases where very small fibers may be present, such as in samples of floor tiles, vermiculite or certain construction adhesives, the result of the PLM analysis is not conclusive when the sample is reported as "None Detected" or "Trace". Further testing using transmission electron microscopy is recommended in those cases where samples may contain very small fibers which may be smaller than the resolution limit of a polarized light microscope. All such services are available for an additional fee.

Analytical services provided are subject to the Terms and Conditions listed on our website.

Report Approved by:

630-790-0880 INFO@TEM-INC.COM 174 N BRANDON DRIVE GLENDALE HEIGHTS, ILLINOIS 60139

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CHAIN OF CUSTODY FORM

Client: A3E	Date: 05/09/2025
Contact: Patrick Hook	
Address: 3030 Warrenville Road	
City/State/Zip: Lisle	
Phone: 773-243-7533	Fax:
Email: Patrick@a3e.com	

TAT RUSH/WKD [ ] 24HR [ ] 48HR [ ] 72HR [ ] 4 DAYS [ ] > 5 DAYS [✔]

Project Name/No: 15321 Myrtle Ave / 2025.0320

Results Due by (Date & Time):

TEM Project #: 76525

NVLAP ID 101130 AIHA-PAT ID 101151 AIHA-AAR ID 101151

Comments: Please Analyze Mastics & Adhesives

PO/Quote#:

Client ID No.	Description	Sample Volume	PLM: Bulk	PLM: Point Count	PLM: Gravimetric	TEM: Air-AHERA	TEM: Air-Other	TEM: Bulk	TEM: Chatfield	TEM: Water	TEM: Micro-Vac	TEM: PCM-Air	TEM: Other	Comments
FT1-A,B,C	12"x12" White Mottle Floor Tile & Mastic		✔											
FT2-A,B,C	12"x12" Beige and Tan Floor Tile & Mastic - Kitchen (1st Layer)		✔											
FT3-A,B,C	White/Tan Floor Tile & Mastic - Kitchen (2nd Layer)		✔											
FT4-A,B,C	Decorative Gray and Tan Floor Tile & Mastic - Kitchen (3rd Layer)		✔											
FT5-A,B,C	White with Blue Specks Floor Tile with Black Backing - Kitchen (4th Layer)		✔											
FT6-A,B,C	Beige Diamond-Square Pattern Floor Tile & Mastic - Kitchen (5th Layer)		✔											
CWT1-A,B,C	6"x4" Tan and White Ceramic Wall Tile & Adhesive (Bathroom)		✔											
CFT-A,B,C	12"x12" Beige Ceramic Floor Tile & Adhesive (Bathroom)		✔											
PL1-A,B,C,D,E	Plaster (Base and Skim Coat)		✔											
TP1-A,B,C	White Textured Paint (Living Room Ceiling)		✔											
BM1-A,B,C	Brick & Mortar (Exterior)		✔											
SH1-A,B,C	Tan Shingle (Roof)		✔											
FP1-A,B,C	Felt/Tar Paper (Roof)		✔											
FBM1-A,B,C	Flue Brick & Mortar (Basement and Attic)		✔											

571160 571258

RELINQUISHED BY (SIGNATURE): A3E	DATE/TIME 5-9-25 7:04	RECEIVED BY (SIGNATURE):	DATE/TIME 5/9/25 3:10pm
RELINQUISHED BY (SIGNATURE):	DATE/TIME	RECEIVED BY (SIGNATURE):	DATE/TIME
LOGGED IN BY (SIGNATURE):	DATE/TIME	ANALYZED BY (SIGNATURE):	DATE/TIME



1
15321 Mrytle Avenue



2
West Elevation



3
South Elevation



4
South Elevation



5
Tan Shingle and Felt/Tar Paper on Roof (SH1 & FP1)



6
Textured Paint on Living Room Ceiling (TP1)



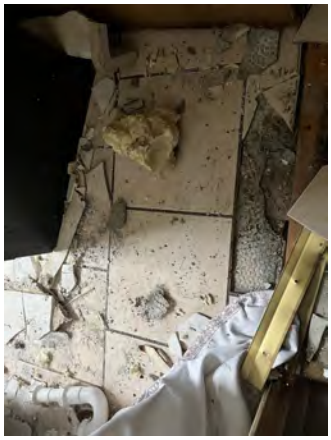
7
Flue Brick and Mortar (FBM1)



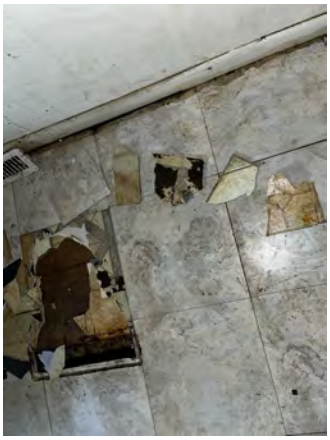
8
Plaster (PL1)



9
Tan and White Ceramic Wall Tile & Adhesive in Bathroom (CWT1)



10
12"x12" Beige Ceramic Floor Tile & Adhesive in Bathroom (CFT1)



11
12"x12" Beige & Tan Floor Tile & Mastic, White/Tan Floor Tile & Mastic, Decorative Gray & Tan Floor Tile & Mastic, White with Blue Specks Floor Tile with Black Backing, Beige Diamond-Square Pattern Floor Tile & Mastic in Kitchen



12
12"x12" White Mottle Floor Tile & Mastic Bedroom 1 (FT1)



13
EXTERIOR BRICK & MORTAR (BM1)



14
THERMOSTAT AND DUAL CARBON MONOXIDE AND SMOKE ALARM



15
THERMOSTAT



16
LIGHT FIXTURE



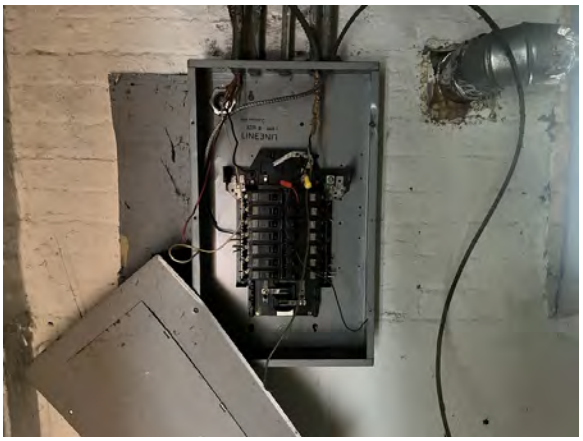
17
HVAC



18
ELECTRIC METER AND TELEPHONE/CABLE BOX



19
DOORBELL



20
ELETRIC PANEL



21
GAS METER



22
CEILING FAN



23
ATTIC

Lead Based Paint Inspection Report

For the Property Located at:



Upcoming Demolition Areas - House
15321 South Myrtle Avenue
Harvey, IL 60426

Prepared for:

Metropolitan Water Reclamation District of Greater Chicago
100 East Erie Street
Chicago, IL 60611

Inspected and Prepared By:

A3E, Inc.
3030 Warrenville Road, Suite 418
Lisle, IL 60532

Date Performed: May 1, 2025
Report Issued: May 14, 2025
Inspector: James W. Sundberg, IL1743

Upcoming Demolition Areas - House
15321 South Myrtle Avenue, Harvey, IL 60426

IDENTIFYING INFORMATION

A lead based paint (LBP) inspection was conducted on the potential demolition of the house at the property listed on the cover sheet. The property consisted of the following structures with general appearance and make.

One (1) Residence constructed in the 1920's. 2 Story brick house with pitched roof and basement. House had mostly original components.

A comprehensive LBP Inspection of accessible buildings and rooms was performed on this Property. The purpose of this inspection was to determine the presence or absence of Lead Based Paint (LBP), as defined by the United States Environmental Protection Agency (USEPA) and the Illinois Department of Public Health (IDPH). This inspection was conducted on May 1, 2025 by James W. Sundberg (License Number IL1743).

METHODOLOGY

Even though not applicable on this type of property, the protocol used for this inspection is based on the practices and procedures in the United States Department of Housing and Urban Development's (HUD) *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing*, 2012 Revision (HUD Guidelines) and the United States Environmental Protection Agency's (USEPA) 40 CFR Part 745 (*Lead; Identification of Dangerous Levels of Lead; Final Rule; January 5, 2001*), It should be noted that the Occupational Safety and Health Administration (OSHA) Lead in Construction Standard (29 CFR 1926.62) does not define Lead Based Paint (LBP). A modified, comprehensive inspection by building of building **WAS** performed. **Although all painted, varnished, and shellacked components on a room by room basis were tested, limited numbers of walls (about 2) per room were tested.**

The Inspection was conducted utilizing the Viken Detection (formerly Heuresis Pb200i XRF (Serial Number 2187). The XRF fieldwork was conducted in accordance with the guidelines outlined in the EPA Performance Characteristic Sheet (Attached). In addition, please note the report does not label locations as North, South, East, and West. It utilizes A, B, C, and D. For this report, Wall A corresponds to the West Wall (Street Address Side) in every room. Walls B, C, and D are labeled from Wall A in a clockwise manner. For this project, Wall A is to the West, Wall B is to the North, Wall C is to the East, and Wall D is to the South.

RESULTS

Component by component testing on a room by room basis was performed throughout the property. It was attempted to test all components that were painted, varnished, or shellacked. Some readings were above the United States Environmental Protection Agency (USEPA) and Illinois Department of Public Health (IDPH) Regulatory Level of 1.0 mg/cm². Table I, below, contains a summary of the generic components that tested POSITIVE for LBP on this property.

Since all accessible, painted components were tested, components not listed in Table I tested negative for LBP.

Beneath this Cover Letter are two reports that sort the **same** information different ways. The first is a Summary Report and the second is a Detailed Report. A Summary Report displays all readings that were at or above the USEPA and IDPH Regulatory Level of 1.0 mg/cm². The Detailed Report lists all the readings, by room, that were taken during the inspection. Positive readings are displayed in a red color, negative readings are blue in color, and calibration readings are black.

TABLE I
GENERIC COMPONENTS POSITIVE FOR LBP

ROOM	COMPONENT
Exterior House	Wall C Wood and Stone Door Header
	Wood Soffit and Fascia (under Aluminum)
	Older Wood and Stone Window Components
Exterior Front Porch	Stone Trim and Column Caps
	Wood Support Beams, Crown Molding, and Floor
Interior Kitchen	Plaster Ceiling
Interior Attic	Wood Window Sashes

All Components in some form of deteriorated condition.

APPLICABLE REGULATIONS

WORKER PROTECTION (OSHA)

The United States Occupational Safety and Health Administration (OSHA) considers lead in paint to be any detectable level of lead concentration to be a concern during renovation and demolition activities, as indicated in the OSHA Lead in Construction Standard (29 CFR 1926.62). The purpose of the OSHA Lead in Construction Standard is to protect construction workers from exposure to lead dust and fumes. OSHA is primarily concerned with activities that disturb paints with "detectable" amounts of lead. Several painted surfaces at the property were determined to contain lead above the OSHA level of concern.

The most effective way to determine if lead dust will be a health concern during renovation is to conduct a Negative Initial Determination (NID) to determine if the amount of generated lead dust would exceed the Permissible Exposure Limit (PEL) for lead dust or fumes. In general, an NID is a measurement of a known, airborne contaminant (e.g., lead) over period of eight hours. If the amount of airborne lead in the area is less than the PEL (as calculated by a qualified laboratory) than workers would be allowed to perform the work without Respirators and Personal Protective Equipment (PPE).

1) the NID information is given to the contractor and s/he agrees to it;
2) the contractor does not deviate from the process that was measured during the NID; and
3) The NID has been performed within the previous 12 months.

RECOMMENDATIONS

In summary, multiple building components were identified as coated with LBP at this property. Most of the LBP was in some form of deteriorated condition and some of the LBP was significantly damaged as noted in Table 1.

It is recommended that the findings of this LBP inspection report be provided to the demolition contractor with direction to perform the demolition work in a manner that complies with the OSHA Lead Standard for worker protection. The demolition work should also be performed in accordance with all other applicable lead related regulations.

SUPPORT INFORMATION

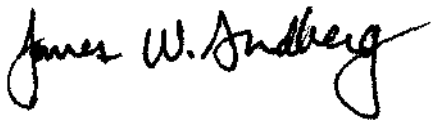
Enclosed in this document, besides inspection reports, are copies of the Lead Paint Risk Assessor's (Inspector) Illinois Department of Public Health (IDPH) License, and the XRF Performance Characteristic Sheets (PCS).

The undersigned has performed the Client-requested tasks listed above in a thorough and professional manner consistent with commonly accepted standard industry practices using state of the art practices and best available known technology as of the day of the assessment. We cannot guarantee and do not warrant that the LBP Testing has identified all adverse environmental factors and/or conditions affecting the subject property on the date of the Assessment. We cannot and will not warrant that that assessment testing that was requested by the client will satisfy the dictates of, or provide a legal defense in connection with, any environmental laws or regulations. It is the responsibility of the client to know and abide by all applicable laws, regulations, and standards.

This inspection is solely for the benefit of the client. The results and opinions in this report, based solely upon the conditions found on the property as of the date of the Assessment, will be valid only as of the date of the Assessment. We assume no obligation to advise the client of any changes in any real or potential Lead hazards at this property that may or may not be later brought to our attention.

Thanks again for the opportunity to serve you with this project. Should questions or comments arise, please do not hesitate in contacting me at (630) 514-4108.

Sincerely,



James W. Sundberg
Lead Risk Assessor/Inspector (IL1743)

Upcoming Demolition Areas - House
15321 South Myrtle Avenue, Harvey, IL 60426

LBP SUMMARY REPORT

Summary Lead Based Paint Inspection

Inspection Date:	5/1/2025 - 5/1/2025	Inspection Site:	Vacant House 15321 Myrtle Avenue Harvey, IL 60426
Action Level:	1.0 (mg/cm²)		
Total Readings:	25		
Unit Started:	05/01/2025 13:31:22		
Unit Ended:	05/01/2025 14:27:25		

Read #	Result	RTA Present	Room	-->RoomChoice	Structure	-->Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
464 (CAL)		Off	Calibration								1.0 mg/cm²	Action Level (1.0)
465 (CAL)		Off	Calibration								1.0 mg/cm²	Action Level (1.0)
466 (CAL)		Off	Calibration								1.0 mg/cm²	Action Level (1.0)
467 (CAL)		Off	Calibration								0.0 mg/cm²	Action Level (1.0)
468 (CAL)		Off	Calibration								0.0 mg/cm²	Action Level (1.0)
469 (CAL)		Off	Calibration								0.0 mg/cm²	Action Level (1.0)
474	Positive	Off	Exterior	Front Porch	Trim		Stone	A	Left	Deteriorated	2.4 mg/cm²	Action Level (1.0)
475	Positive	Off	Exterior	Front Porch	Column	Cap	Stone	A	Left	Deteriorated	2.2 mg/cm²	Action Level (1.0)
476	Positive	Off	Exterior	Front Porch	Support	Beam	Wood	A	Left	Deteriorated	2.2 mg/cm²	Action Level (1.0)
477	Positive	Off	Exterior	Front Porch	Crown Mold		Wood	C	Center	Deteriorated	2.5 mg/cm²	Action Level (1.0)
478	Positive	Off	Exterior	Front Porch	Floor		Wood	C		Deteriorated	1.7 mg/cm²	Action Level (1.0)
480	Positive	Off	Exterior	House	Window	Sill	Stone	A	Left	Deteriorated	20.2 mg/cm²	Action Level (1.0)

A 3 E

Summary Lead Based Paint Inspection

Inspection Date: 5/1/2025 - 5/1/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 25
Unit Started: 05/01/2025 13:31:22
Unit Ended: 05/01/2025 14:27:25

Inspection Site: Vacant House
15321 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-- >RoomChoice	Structure	-- >Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
481	Positive	Off	Exterior	House	Window	Header	Stone	A	Left	Deteriorated	20.1 mg/cm²	Action Level (1.0)
482	Positive	Off	Exterior	House	Window	Sash	Wood	A	Left	Deteriorated	19.8 mg/cm²	Action Level (1.0)
483	Positive	Off	Exterior	House	Window	Casing	Wood	A	Left	Deteriorated	19.9 mg/cm²	Action Level (1.0)
496	Positive	Off	Exterior	House	Door	Header	Wood	C	Left	Deteriorated	33 mg/cm²	Action Level (1.0)
497	Positive	Off	Exterior	House	Door	Header	Stone	C	Left	Deteriorated	12.8 mg/cm²	Action Level (1.0)
559	Positive	Off	Interior	Kitchen	Ceiling		Plaster	C		Deteriorated	1.0 mg/cm²	Action Level (1.0)
583	Positive	Off	Interior	Attic	Window	Sash	Wood	A	Left	Deteriorated	4.0 mg/cm²	Action Level (1.0)
585 (CAL)		Off	Calibration								1.0 mg/cm²	Action Level (1.0)
586 (CAL)		Off	Calibration								1.0 mg/cm²	Action Level (1.0)
587 (CAL)		Off	Calibration								1.0 mg/cm²	Action Level (1.0)
588 (CAL)		Off	Calibration								0.0 mg/cm²	Action Level (1.0)
589 (CAL)		Off	Calibration								0.0 mg/cm²	Action Level (1.0)

A 3 E

Summary Lead Based Paint Inspection

Inspection Date:	5/1/2025 - 5/1/2025	Inspection Site:	Vacant House 15321 Myrtle Avenue Harvey, IL 60426
Action Level:	1.0 (mg/cm²)		
Total Readings:	25		
Unit Started:	05/01/2025 13:31:22		
Unit Ended:	05/01/2025 14:27:25		

Read #	Result	RTA Present	Room	-- >RoomChoice	Structure	-- >Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
590 (CAL)		Off	Calibration								0.0 mg/cm²	Action Level (1.0)

------ END OF READINGS ------

Upcoming Demolition Areas - House
15321 South Myrtle Avenue, Harvey, IL 60426

LBP DETAILED REPORT

Detailed Lead Based Paint Inspection

Inspection Date: 5/1/2025 - 5/1/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 127
Unit Started: 05/01/2025 13:31:22
Unit Ended: 05/01/2025 14:27:25

Inspection Site: Vacant House
15321 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-->RoomChoice	Structure	-->Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
464 (CAL)		Off	Calibration								1.0 mg/cm²	Action Level (1.0)
465 (CAL)		Off	Calibration								1.0 mg/cm²	Action Level (1.0)
466 (CAL)		Off	Calibration								1.0 mg/cm²	Action Level (1.0)
467 (CAL)		Off	Calibration								0.0 mg/cm²	Action Level (1.0)
468 (CAL)		Off	Calibration								0.0 mg/cm²	Action Level (1.0)
469 (CAL)		Off	Calibration								0.0 mg/cm²	Action Level (1.0)
470	Negative	Off	Exterior	Front Porch	Fence		Metal	A	Center	Deteriorated	0.2 mg/cm²	Action Level (1.0)
471	Negative	Off	Exterior	Front Porch	Railing		Metal	A	Center	Deteriorated	0.1 mg/cm²	Action Level (1.0)
472	Negative	Off	Exterior	Front Porch	Column	Cap	Stone	A	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
473	Negative	Off	Exterior	Front Porch	Railing		Stone	A	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
474	Positive	Off	Exterior	Front Porch	Trim		Stone	A	Left	Deteriorated	2.4 mg/cm²	Action Level (1.0)
475	Positive	Off	Exterior	Front Porch	Column	Cap	Stone	A	Left	Deteriorated	2.2 mg/cm²	Action Level (1.0)

Detailed Lead Based Paint Inspection

Inspection Date: 5/1/2025 - 5/1/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 127
Unit Started: 05/01/2025 13:31:22
Unit Ended: 05/01/2025 14:27:25

Inspection Site: Vacant House
15321 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-->RoomChoice	Structure	-->Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
476	Positive	Off	Exterior	Front Porch	Support	Beam	Wood	A	Left	Deteriorated	2.2 mg/cm²	Action Level (1.0)
477	Positive	Off	Exterior	Front Porch	Crown Mold		Wood	C	Center	Deteriorated	2.5 mg/cm²	Action Level (1.0)
478	Positive	Off	Exterior	Front Porch	Floor		Wood	C		Deteriorated	1.7 mg/cm²	Action Level (1.0)
479	Negative	Off	Exterior	Front Porch	Ceiling		Wood	C		Deteriorated	0.0 mg/cm²	Action Level (1.0)
480	Positive	Off	Exterior	House	Window	Sill	Stone	A	Left	Deteriorated	20.2 mg/cm²	Action Level (1.0)
481	Positive	Off	Exterior	House	Window	Header	Stone	A	Left	Deteriorated	20.1 mg/cm²	Action Level (1.0)
482	Positive	Off	Exterior	House	Window	Sash	Wood	A	Left	Deteriorated	19.8 mg/cm²	Action Level (1.0)
483	Positive	Off	Exterior	House	Window	Casing	Wood	A	Left	Deteriorated	19.9 mg/cm²	Action Level (1.0)
484	Negative	Off	Exterior	House	Door	Jamb	Wood	A	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
485	Negative	Off	Exterior	House	Door	Panel	Metal	A	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
486	Negative	Off	Exterior	House	Screen Door		Metal	A	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
487	Negative	Off	Exterior	House	Foundation		Concrete	C	LL	Deteriorated	0.3 mg/cm²	Action Level (1.0)

Detailed Lead Based Paint Inspection

Inspection Date:	5/1/2025 - 5/1/2025	Inspection Site:	Vacant House 15321 Myrtle Avenue Harvey, IL 60426
Action Level:	1.0 (mg/cm²)		
Total Readings:	127		
Unit Started:	05/01/2025 13:31:22		
Unit Ended:	05/01/2025 14:27:25		

Read #	Result	RTA Present	Room	-- >RoomChoice	Structure	-- >Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
488	Negative	Off	Exterior	House	Foudation		Concrete	D	LR	Deteriorated	0.2 mg/cm²	Action Level (1.0)
489	Negative	Off	Exterior	House	Basement	Door Panel	Wood	C	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
490	Negative	Off	Exterior	House	Basement	Door Jamb	Wood	C	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
491	Negative	Off	Exterior	House	Decking		Wood	C	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
492	Negative	Off	Exterior	House	Railing		Wood	C	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
493	Negative	Off	Exterior	House	Stair	Tread	Wood	C	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
494	Negative	Off	Exterior	House	Stair	Stringer	Wood	C	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
495	Negative	Off	Exterior	House	Support	Column	Wood	C	Center	Deteriorated	0.1 mg/cm²	Action Level (1.0)
496	Positive	Off	Exterior	House	Door	Header	Wood	C	Left	Deteriorated	33 mg/cm²	Action Level (1.0)
497	Positive	Off	Exterior	House	Door	Header	Stone	C	Left	Deteriorated	12.8 mg/cm²	Action Level (1.0)
498	Negative	Off	Exterior	House	Window	Sill	Stone	C	Right	Deteriorated	0.0 mg/cm²	Action Level (1.0)
499	Negative	Off	Interior	Basement	Stair	Stringer	Wood	C	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)

Detailed Lead Based Paint Inspection

Inspection Date: 5/1/2025 - 5/1/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 127
Unit Started: 05/01/2025 13:31:22
Unit Ended: 05/01/2025 14:27:25

Inspection Site: Vacant House
15321 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-->RoomChoice	Structure	-->Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
500	Negative	Off	Interior	Basement	Stair	Tread	Wood	C	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
501	Negative	Off	Interior	Basement	Door	Casing	Wood	C	Right	Deteriorated	0.1 mg/cm²	Action Level (1.0)
502	Negative	Off	Interior	Basement	Door	Panel	Wood	C	Right	Deteriorated	0.1 mg/cm²	Action Level (1.0)
503	Negative	Off	Interior	Basement	Support	Column	Wood	A	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
504	Negative	Off	Interior	Basement	Window	Casing	Wood	B	Right	Deteriorated	0.0 mg/cm²	Action Level (1.0)
505	Negative	Off	Interior	Basement	Floor		Concrete	B		Deteriorated	0.0 mg/cm²	Action Level (1.0)
506	Negative	Off	Interior	Basement	Wall		Concrete	B	LC	Deteriorated	0.0 mg/cm²	Action Level (1.0)
507	Negative	Off	Interior	Basement	Wall		Concrete	D	LC	Deteriorated	0.2 mg/cm²	Action Level (1.0)
508	Negative	Off	Interior	Basement	Wall		Brick	D	UL	Deteriorated	0.1 mg/cm²	Action Level (1.0)
509	Negative	Off	Interior	Basement	Wall		Brick	B	UL	Deteriorated	0.3 mg/cm²	Action Level (1.0)
510	Negative	Off	Interior	Basement	Ceiling		Wood	B		Deteriorated	0.0 mg/cm²	Action Level (1.0)
511	Negative	Off	Interior	Basement	Joist		Wood	B	Right	Deteriorated	0.0 mg/cm²	Action Level (1.0)

Detailed Lead Based Paint Inspection

Inspection Date: 5/1/2025 - 5/1/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 127
Unit Started: 05/01/2025 13:31:22
Unit Ended: 05/01/2025 14:27:25

Inspection Site: Vacant House
15321 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-->RoomChoice	Structure	-->Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
512	Negative	Off	Interior	Basement	Chimney		Brick	B	Center	Deteriorated	0.1 mg/cm²	Action Level (1.0)
513	Negative	Off	Interior	Basement	Duct		Metal	B	Center	Deteriorated	0.1 mg/cm²	Action Level (1.0)
514	Negative	Off	Interior	Basement	Wall		Plaster	B	UC	Deteriorated	0.1 mg/cm²	Action Level (1.0)
515	Negative	Off	Interior	Basement	Wall		Plaster	D	UC	Deteriorated	0.3 mg/cm²	Action Level (1.0)
516	Negative	Off	Interior	Basement	Ceiling		Plaster	D		Deteriorated	0.2 mg/cm²	Action Level (1.0)
517	Negative	Off	Interior	Living Room	Door	Panel	Metal	A	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
518	Negative	Off	Interior	Living Room	Door	Casing	Wood	A	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
519	Negative	Off	Interior	Living Room	Baseboard		Wood	A	Left	Deteriorated	0.1 mg/cm²	Action Level (1.0)
520	Negative	Off	Interior	Living Room	Window	Sill	Wood	A	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
521	Negative	Off	Interior	Living Room	Window	Sash	Wood	A	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
522	Negative	Off	Interior	Living Room	Window	Casing	Wood	A	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
523	Negative	Off	Interior	Living Room	Crown Mold		Wood	A	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)

Detailed Lead Based Paint Inspection

Inspection Date: 5/1/2025 - 5/1/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 127
Unit Started: 05/01/2025 13:31:22
Unit Ended: 05/01/2025 14:27:25

Inspection Site: Vacant House
15321 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-->RoomChoice	Structure	-->Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
524	Negative	Off	Interior	Living Room	Ceiling		Plaster	A		Deteriorated	0.5 mg/cm²	Action Level (1.0)
525	Negative	Off	Interior	Living Room	Wall		Plaster	A	UC	Deteriorated	0.3 mg/cm²	Action Level (1.0)
526	Negative	Off	Interior	Living Room	Wall		Plaster	C	UL	Deteriorated	0.4 mg/cm²	Action Level (1.0)
527	Negative	Off	Interior	Bedroom 1	Wall		Plaster	D	UC	Deteriorated	0.4 mg/cm²	Action Level (1.0)
528	Negative	Off	Interior	Bedroom 1	Wall		Plaster	B	UC	Deteriorated	0.2 mg/cm²	Action Level (1.0)
529	Negative	Off	Interior	Bedroom 1	Ceiling		Plaster	B		Deteriorated	0.8 mg/cm²	Action Level (1.0)
530	Negative	Off	Interior	Bedroom 1	Floor		Wood	B		Deteriorated	0.6 mg/cm²	Action Level (1.0)
531	Negative	Off	Interior	Bedroom 1	Window	Sill	Wood	B	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
532	Negative	Off	Interior	Bedroom 1	Window	Sash	Wood	B	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
533	Negative	Off	Interior	Bedroom 1	Window	Casing	Wood	B	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
534	Negative	Off	Interior	Bedroom 1	Baseboard		Wood	D	Right	Deteriorated	0.0 mg/cm²	Action Level (1.0)
535	Negative	Off	Interior	Bedroom 1	Door	Jamb	Wood	D	Right	Deteriorated	0.0 mg/cm²	Action Level (1.0)

Detailed Lead Based Paint Inspection

Inspection Date: 5/1/2025 - 5/1/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 127
Unit Started: 05/01/2025 13:31:22
Unit Ended: 05/01/2025 14:27:25

Inspection Site: Vacant House
15321 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-->RoomChoice	Structure	-->Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
536	Negative	Off	Interior	Bedroom 1	Door	Panel	Wood	D	Right	Deteriorated	0.0 mg/cm²	Action Level (1.0)
537	Negative	Off	Interior	Bedroom 2	Door	Panel	Wood	D	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
538	Negative	Off	Interior	Bedroom 2	Door	Jamb	Wood	D	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
539	Negative	Off	Interior	Bedroom 2	Baseboard		Wood	B	Left	Deteriorated	0.1 mg/cm²	Action Level (1.0)
540	Negative	Off	Interior	Bedroom 2	Window	Sill	Wood	B	Left	Deteriorated	0.1 mg/cm²	Action Level (1.0)
541	Negative	Off	Interior	Bedroom 2	Window	Casing	Wood	B	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
542	Negative	Off	Interior	Bedroom 2	Ceiling		Plaster	C		Deteriorated	0.4 mg/cm²	Action Level (1.0)
543	Negative	Off	Interior	1 Bathroom	Ceiling		Plaster	C		Deteriorated	0.3 mg/cm²	Action Level (1.0)
544	Negative	Off	Interior	1 Bathroom	Wall		Plaster	C	UL	Deteriorated	0.4 mg/cm²	Action Level (1.0)
545	Negative	Off	Interior	1 Bathroom	Wall		Plaster	B	UR	Deteriorated	0.3 mg/cm²	Action Level (1.0)
546	Negative	Off	Interior	1 Bathroom	Cabinet		Wood	C	Center	Deteriorated	0.1 mg/cm²	Action Level (1.0)
547	Negative	Off	Interior	1 Bathroom	Door	Panel	Wood	D	Left	Deteriorated	0.1 mg/cm²	Action Level (1.0)

Detailed Lead Based Paint Inspection

Inspection Date: 5/1/2025 - 5/1/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 127
Unit Started: 05/01/2025 13:31:22
Unit Ended: 05/01/2025 14:27:25

Inspection Site: Vacant House
15321 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-->RoomChoice	Structure	-->Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
548	Negative	Off	Interior	1 Bathroom	Door	Jamb	Wood	D	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
549	Negative	Off	Interior	Bedroom 3	Door	Jamb	Wood	A	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
550	Negative	Off	Interior	Bedroom 3	Door	Panel	Wood	A	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
551	Negative	Off	Interior	Bedroom 3	Baseboard		Wood	B	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
552	Negative	Off	Interior	Bedroom 3	Window	Sill	Wood	B	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
553	Negative	Off	Interior	Bedroom 3	Window	Casing	Wood	B	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
554	Negative	Off	Interior	Bedroom 3	Wall		Drywall	B	UC	Deteriorated	0.0 mg/cm²	Action Level (1.0)
555	Negative	Off	Interior	Bedroom 3	Wall		Drywall	D	UC	Deteriorated	0.0 mg/cm²	Action Level (1.0)
556	Negative	Off	Interior	Bedroom 3	Ceiling		Drywall	D		Deteriorated	0.1 mg/cm²	Action Level (1.0)
557	Negative	Off	Interior	Kitchen	Wall		Plaster	B	UC	Deteriorated	0.0 mg/cm²	Action Level (1.0)
558	Negative	Off	Interior	Kitchen	Wall		Plaster	D	UC	Deteriorated	0.1 mg/cm²	Action Level (1.0)
559	Positive	Off	Interior	Kitchen	Ceiling		Plaster	C		Deteriorated	1.0 mg/cm²	Action Level (1.0)

A 3 E

Detailed Lead Based Paint Inspection

Inspection Date:	5/1/2025 - 5/1/2025	Inspection Site:	Vacant House 15321 Myrtle Avenue Harvey, IL 60426
Action Level:	1.0 (mg/cm²)		
Total Readings:	127		
Unit Started:	05/01/2025 13:31:22		
Unit Ended:	05/01/2025 14:27:25		

Read #	Result	RTA Present	Room	-->RoomChoice	Structure	-->Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
560	Negative	Off	Interior	Kitchen	Window	Sill	Wood	D	Center	Deteriorated	0.5 mg/cm²	Action Level (1.0)
561	Negative	Off	Interior	Kitchen	Window	Casing	Wood	D	Center	Deteriorated	0.6 mg/cm²	Action Level (1.0)
562	Negative	Off	Interior	Kitchen	Cabinet		Wood	D	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
563	Negative	Off	Interior	Kitchen	Baseboard		Wood	C	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
564	Negative	Off	Interior	Kitchen	Door	Jamb	Wood	C	Left	Deteriorated	0.1 mg/cm²	Action Level (1.0)
565	Negative	Off	Interior	Kitchen	Door	Panel	Wood	C	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
566	Negative	Off	Interior	Dining Room	Door	Panel	Wood	B	Right	Deteriorated	0.0 mg/cm²	Action Level (1.0)
567	Negative	Off	Interior	Dining Room	Door	Jamb	Wood	B	Right	Deteriorated	0.0 mg/cm²	Action Level (1.0)
568	Negative	Off	Interior	Dining Room	Baseboard		Wood	D	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
569	Negative	Off	Interior	Dining Room	Window	Sill	Wood	D	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
570	Negative	Off	Interior	Dining Room	Window	Casing	Wood	D	Left	Deteriorated	0.1 mg/cm²	Action Level (1.0)
571	Negative	Off	Interior	Dining Room	Ceiling		Drywall	D		Deteriorated	0.0 mg/cm²	Action Level (1.0)

Detailed Lead Based Paint Inspection

Inspection Date: 5/1/2025 - 5/1/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 127
Unit Started: 05/01/2025 13:31:22
Unit Ended: 05/01/2025 14:27:25

Inspection Site: Vacant House
15321 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-- >RoomChoice	Structure	-- >Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
572	Negative	Off	Interior	Dining Room	Wall		Drywall	D	UC	Deteriorated	0.1 mg/cm²	Action Level (1.0)
573	Negative	Off	Interior	Dining Room	Wall		Drywall	B	UC	Deteriorated	0.1 mg/cm²	Action Level (1.0)
574	Negative	Off	Interior	Attic	Door	Panel	Wood	D	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
575	Negative	Off	Interior	Attic	Door	Jamb	Wood	D	Left	Deteriorated	0.3 mg/cm²	Action Level (1.0)
576	Negative	Off	Interior	Attic	Stair	Tread	Wood	D	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
577	Negative	Off	Interior	Attic	Stair	Riser	Wood	D	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
578	Negative	Off	Interior	Attic	Stair	Railing	Wood	D	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
579	Negative	Off	Interior	Attic	Stair	Baseboard	Wood	D	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
580	Negative	Off	Interior	Attic	Wall		Plaster	D	UC	Deteriorated	0.0 mg/cm²	Action Level (1.0)
581	Negative	Off	Interior	Attic	Wall		Wood	C	UC	Deteriorated	0.3 mg/cm²	Action Level (1.0)
582	Negative	Off	Interior	Attic	Wall		Wood	B	UC	Deteriorated	0.5 mg/cm²	Action Level (1.0)
583	Positive	Off	Interior	Attic	Window	Sash	Wood	A	Left	Deteriorated	4.0 mg/cm²	Action Level (1.0)

Detailed Lead Based Paint Inspection

Inspection Date: 5/1/2025 - 5/1/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 127
Unit Started: 05/01/2025 13:31:22
Unit Ended: 05/01/2025 14:27:25

Inspection Site: Vacant House
15321 Myrtle Avenue
Harvey, IL 60426

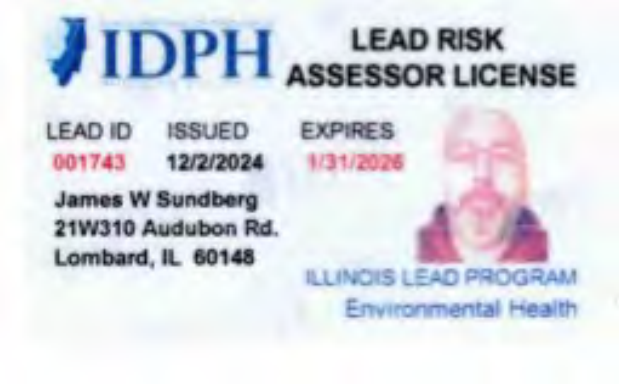
Read #	Result	RTA Present	Room	-->RoomChoice	Structure	-->Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
584	Negative	Off	Interior	Attic	Chimney		Concrete	B	Right	Deteriorated	0.0 mg/cm²	Action Level (1.0)
585 (CAL)		Off	Calibration								1.0 mg/cm²	Action Level (1.0)
586 (CAL)		Off	Calibration								1.0 mg/cm²	Action Level (1.0)
587 (CAL)		Off	Calibration								1.0 mg/cm²	Action Level (1.0)
588 (CAL)		Off	Calibration								0.0 mg/cm²	Action Level (1.0)
589 (CAL)		Off	Calibration								0.0 mg/cm²	Action Level (1.0)
590 (CAL)		Off	Calibration								0.0 mg/cm²	Action Level (1.0)

------ END OF READINGS ------

A 3 E

IDPH INSPECTOR/RISK ASSESSOR'S LICENSE

Upcoming Demolition Areas - House
15321 South Myrtle Avenue, Harvey, IL 60426



XRF PERFORMANCE CHARACTERISTIC SHEETS

Performance Characteristic Sheet

EFFECTIVE DATE: **December 1, 2015**

MANUFACTURER AND MODEL:

Make: ***Heuresis***
Models: ***Model Pb200i***
Source: ***^{57}Co, 5 mCi (nominal – new source)***

FIELD OPERATION GUIDANCE

OPERATING PARAMETERS:

Action Level mode

XRF CALIBRATION CHECK LIMITS:

0.8 to 1.2 mg/cm^2 (inclusive)

SUBSTRATE CORRECTION:

Not applicable

INCONCLUSIVE RANGE OR THRESHOLD:

ACTION LEVEL MODE READING DESCRIPTION	SUBSTRATE	THRESHOLD (mg/cm^2)
Results not corrected for substrate bias on any substrate	Brick Concrete Drywall Metal Plaster Wood	1.0 1.0 1.0 1.0 1.0 1.0

BACKGROUND INFORMATION

EVALUATION DATA SOURCE AND DATE:

This sheet is supplemental information to be used in conjunction with Chapter 7 of the HUD *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing* ("HUD Guidelines"). Performance parameters shown on this sheet are calculated using test results on building components in the HUD archive. Testing was conducted on 146 test samples in November 2015, with two separate instruments running software version 2.1-2 in Action Level test mode. The actual source strength of each instrument on the day of testing was approximately 2.0 mCi; source ages were approximately one year.

OPERATING PARAMETERS

Performance parameters shown in this sheet are applicable only when properly operating the instrument using the manufacturer's instructions and procedures described in Chapter 7 of the HUD Guidelines.

XRF CALIBRATION CHECK:

The calibration of the XRF instrument should be checked using the paint film nearest 1.0 mg/cm^2 in the NIST Standard Reference Material (SRM) used (e.g., for NIST SRM 2579, use the 1.02 mg/cm^2 film).

If the average (rounded to 1 decimal place) of three readings is outside the acceptable calibration check range, follow the manufacturer's instructions to bring the instrument into control before XRF testing proceeds.

SUBSTRATE CORRECTION VALUE COMPUTATION:

Chapter 7 of the HUD Guidelines provides guidance on correcting XRF results for substrate bias. Supplemental guidance for using the paint film nearest 1.0 mg/cm^2 for substrate correction is provided:

XRF results are corrected for substrate bias by subtracting from each XRF result a correction value determined separately in each house for single-family housing or in each development for multifamily housing, for each substrate. The correction value is an average of XRF readings taken over the NIST SRM paint film nearest to 1.0 mg/cm^2 at test locations that have been scraped bare of their paint covering. Compute the correction values as follows:

> Using the same XRF instrument, take three readings on a bare substrate area covered with the NIST SRM paint film nearest 1 mg/cm^2. Repeat this procedure by taking three more readings on a second bare substrate area of the same substrate covered with the NIST SRM.
>
> Compute the correction value for each substrate type where XRF readings indicate substrate correction is needed by computing the average of all six readings as shown below.
>
> <u>For each substrate type</u> (the 1.02 mg/cm^2 NIST SRM is shown in this example; use the actual lead loading of the NIST SRM used for substrate correction):
>
> Correction value = (1st + 2nd + 3rd + 4th + 5th + 6th *Reading*)/6 - 1.02 mg/cm^2
>
> Repeat this procedure for each substrate requiring substrate correction in the house or housing development.

EVALUATING THE QUALITY OF XRF TESTING:

Randomly select ten testing combinations for retesting from each house or from two randomly selected units in multifamily housing.

Conduct XRF re-testing at the ten testing combinations selected for retesting.

Determine if the XRF testing in the units or house passed or failed the test by applying the steps below. Compute the Retest Tolerance Limit by the following steps:

Determine XRF results for the original and retest XRF readings. Do not correct the original or retest results for substrate bias. In single-family and multi-family housing, a result is defined as a single reading. Therefore, there will be ten original and ten retest XRF results for each house or for the two selected units.

Calculate the average of the original XRF result and the retest XRF result for each testing combination.

Square the average for each testing combination.

Add the ten squared averages together. Call this quantity C.

Multiply the number C by 0.0072. Call this quantity D.

Add the number 0.032 to D. Call this quantity E.

Take the square root of E. Call this quantity F.

Multiply F by 1.645. The result is the Retest Tolerance Limit.

Compute the average of all ten original XRF readings.

Compute the average of all ten re-test XRF readings.

Find the absolute difference of the two averages.

If the difference is less than the Retest Tolerance Limit, the inspection has passed the retest. If the difference of the overall averages equals or exceeds the Retest Tolerance Limit, this procedure should be repeated with ten new testing combinations. If the difference of the overall averages is equal to or greater than the Retest Tolerance Limit a second time, then the inspection should be considered deficient.

Use of this procedure is estimated to produce a spurious result approximately 1% of the time. That is, results of this procedure will call for further examination when no examination is warranted in approximately 1 out of 100 dwelling units tested.

TESTING TIMES:

In the Action Level paint test mode, the instrument takes the longest time to complete readings close to the Federal standard of 1.0 mg/cm^2. The table below shows the mean and standard deviation of actual reading times by reading level for paint samples during the November 2015 archive testing. The tested instruments reported readings to one decimal place. No significant differences in reading times by substrate were observed. These times apply only to instruments with the same source strength as those tested (2.0 mCi). Instruments with stronger sources will have shorter reading times and those with weaker sources, longer reading times, than those in the table.

Mean and Standard Deviation of Reading Times in Action Level Mode by Reading Level		
Reading (mg/cm^2)	**Mean Reading Time (seconds)**	**Standard Deviation (seconds)**
< 0.7	3.48	0.47
0.7	7.29	1.92
0.8	13.95	1.78
0.9 – 1.2	15.25	0.66
1.3 – 1.4	6.08	2.50
$\geq$ 1.5	3.32	0.05

CLASSIFICATION OF RESULTS:

XRF results are classified as **positive** if they are **greater than or equal** to the stated threshold for the instrument (1.0 mg/cm^2), and *negative* if they are *less than* the threshold.

DOCUMENTATION:

A report titled *Methodology for XRF Performance Characteristic Sheets* (EPA 747-R-95-008) provides an explanation of the statistical methodology used to construct the data in the sheets, and provides empirical results from using the recommended inconclusive ranges or thresholds for specific XRF instruments. The report may be downloaded at http://www2.epa.gov/lead/methodology-xrf-performance-characteristic-sheets-epa-747-r-95-008-september-1997.

This XRF Performance Characteristic Sheet (PCS) was developed by QuanTech, Inc., under a contract with the XRF manufacturer.

Upcoming Demolition Areas - House
15321 South Myrtle Avenue, Harvey, IL 60426

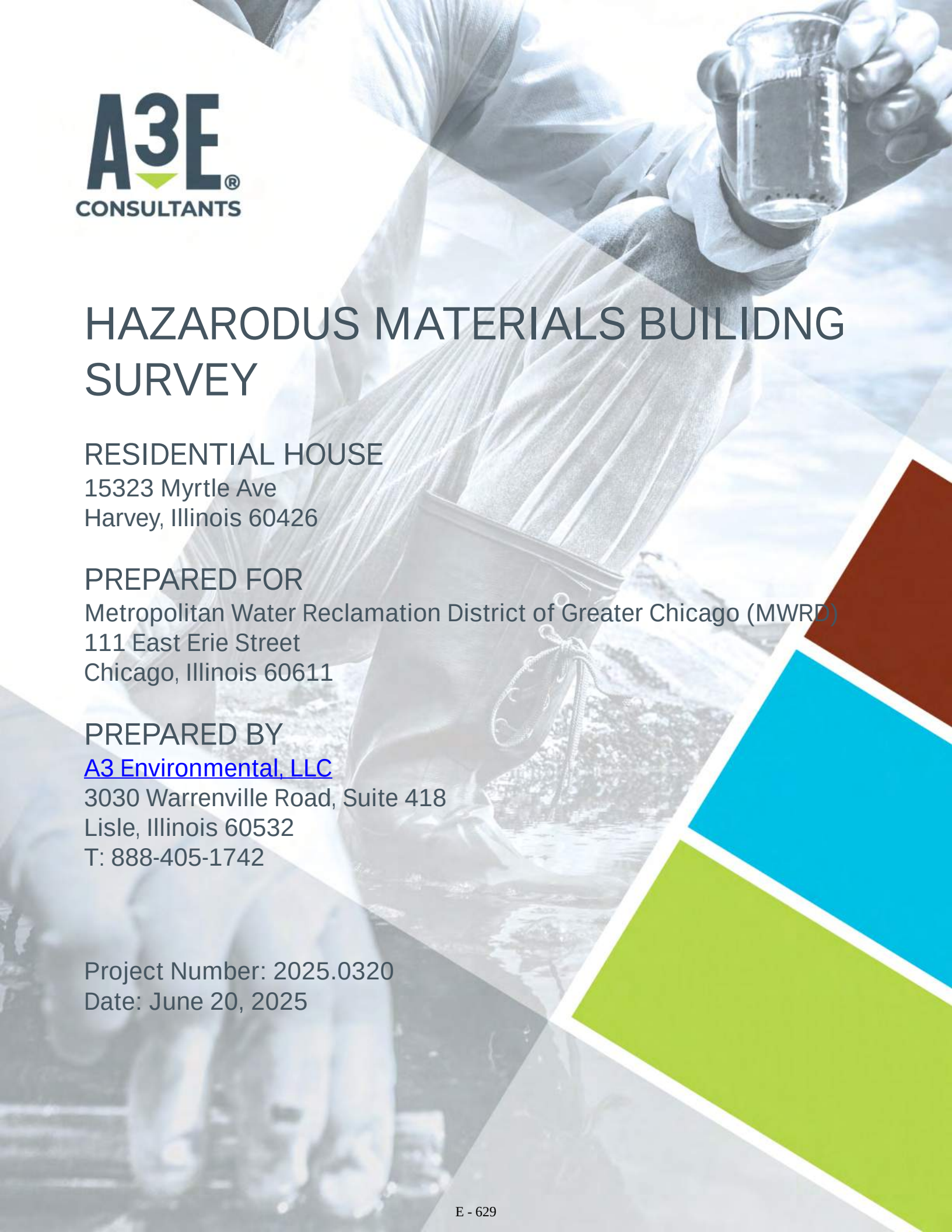
PHOTOGRAPH DOCUMENTATION OF COMPONENTS WITH LEAD BASED PAINT

Upcoming Demolition Areas - House
15321 South Myrtle Avenue, Harvey, IL 60426

	
Exterior Front Porch. Stone Trim and Column Caps and Wood Support Beams and Crown Mold with Deteriorated Lead Based Paint (LBP).	**Exterior Front Porch. Floor with Deteriorated LBP.**
	
Exterior House. Stone and Wood Door Headers with Deteriorated LBP.	**Exterior House. Wood Window Components with Deteriorated LBP.**
	
Exterior House. Back Yard with no Garage.	**Exterior House. Wood Door Headers with Deteriorated LBP.**

Upcoming Demolition Areas - House
15321 South Myrtle Avenue, Harvey, IL 60426

	
Interior Attic. Wood Window Sahes with Deteriorated LBP.	



HAZARODUS MATERIALS BUILIDNG SURVEY

RESIDENTIAL HOUSE

15323 Myrtle Ave
Harvey, Illinois 60426

PREPARED FOR

Metropolitan Water Reclamation District of Greater Chicago (MWRD)
111 East Erie Street
Chicago, Illinois 60611

PREPARED BY

A3 Environmental, LLC
3030 Warrenville Road, Suite 418
Lisle, Illinois 60532
T: 888-405-1742

Project Number: 2025.0320
Date: June 20, 2025

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A3 Environmental, LLC
T: (888) 405-1742
F: (630) 507-9003
Info@A3E.com

Job Number 2025.0320

Metropolitan Water Reclamation District of Greater Chicago (MWRD)
Mr. Mark Leibrock
111 East Erie Street Suite 330
Chicago, Illinois 60611

Hazardous Materials Building Survey
Vacant Residential House
15323 Myrtle Avenue
Harvey, Illinois 60426

Dear: Mr. Leibrock:

A3 Environmental, LLC (A3E) is pleased to submit this Hazarodus Materials Building Survey to Include a Lead Based Paint (LBP) Survey, Hazardous Materials Survey (HMS) and Asbestos Containg Materials (ACM) Survey report for the property located at 15323 Myrtle Avenue in Harvey, Illinois (the "Site").

1.0 SITE DESCRIPTION

The Site is a vacant 1,747 square foot two story residential house with basement that was built in 1922 (according to real estate listings).

2.0 ACM SURVEY

The ACM Survey was conducted to categorize the different homogeneous materials within the building, to assess the condition of suspect asbestos-containing materials (ACMs), to develop and implement an asbestos sampling plan, and identify or negate the presence of asbestos through laboratory analysis.

2.1 ACM Executive Summary

The 15323 Myrtle Avenue Site is a one story, with walk-in attic, vacant residential home that has a basement and is slab on grade. The house is constructed of brick and wood frame with interior plaster walls and a pitched roof with asphalt shingles. There are ceiling tiles, some gypsum board, hardwood floors with vinyl and ceramic floor tiles.

The field activities were conducted on May 5th, 2025, by Mr. Patrick W. Hook, a licensed Illinois Department of Public Health (IDPH) asbestos inspector. A3E collected a total of 60 bulk samples of suspect ACMs from 19 homogeneous materials identified at the 15323

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T: (888) 405-1742
F: (630) 507-9003
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Myrtle Avenue Site. It is important to note that in many instances, additional material layers (i.e. mastics/glues/adhesives/layers) associated with the 60 bulk samples were also analyzed, thus increasing the total number of samples to 90.

Asbestos includes chrysotile, amosite, crocidolite, anthophyllite, tremolite and actinolite (fibrous minerals). The analytical report relates only to the samples tested. Samples were analyzed using Polarized Light Microscopy (PLM) with dispersion staining via EPA Method 600/R-93/116 or equivalent for bulk asbestos materials. The reliable limit of detection of this method is one percent (1%) asbestos content. When no asbestos is detected in the sample submitted, the results are reported as *None Detected.* If a sample contains greater than 1% asbestos, it is considered to be an asbestos-containing material by the United States Environmental Protection Agency- National Emission Standards for Hazardous Air Pollutants (EPA-NESHAPs), the United States Occupational Safety and Health Administration (OSHA), the Cook County Department of Environment and Sustainability (CCDES), the Illinois Environmental Protection Agency (IEPA) and the Illinois Department of Public Health (IDPH). However, if a material contains less than 1% asbestos, certain work practice requirements and prohibitions of the OSHA Asbestos in Construction Standard (29 CFR 1926.1101) must be followed (during activities where materials are disturbed such as re-modeling or demolition).

Suspect materials such as floor tile, mastics, glues, adhesives, ceramics and roofing are classified as Non-friable Organically Bound (NOB) materials. As such the EPA recommends, but is not required, further analysis of these type materials using Transmission Electron Microscopy (TEM) analysis or the EPA 600/R-93/116 400 Point Count Method for PLM samples identified to be less than 10% asbestos or to be inconclusive by PLM. TEM and/or point counting were not included in the base scope of services for this project.

In accordance with the Agreement, this ACM Survey focused on major interior and exterior building systems and components with potential to contain asbestos. It is possible that additional suspect or assumed ACMs may be present within inaccessible areas of the building, such as above fixed ceilings, within wall systems, behind walls, beneath layers of flooring, roof core layers, within pipe chases, in mechanical equipment insulation, in electrical components, and within HVAC equipment; therefore, these materials may not have been observed or sampled during this ACM Survey. It should be noted that any other suspect materials within the site building not sampled as part of this limited ACM Survey should be assumed to be ACM until proven otherwise prior to future renovation or demolition activities.

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F: (630) 507-9003
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2.2 Sampling Protocol

Bulk samples of each material suspected to contain asbestos were collected utilizing a modified Asbestos Hazard Emergency Response Act (AHERA) sampling protocol (AHERA, 40 CFR763.86), OSHA General Industry Standard 29 CFR 1910.1001, OSHA Asbestos Construction Standard 29 CFR 1926.1101, IEPA and IDPH rules and requirements.

Suspect ACMs were identified, and bulk samples were collected by a IDPH Licensed Asbestos Inspector and submitted for laboratory analysis. The EPA, OSHA, CCDES, IEPA and IDPH define ACM as a material that contains greater than one percent (1%) asbestos.

2.3 Laboratory Analysis

Submitted suspect ACM bulk samples were analyzed by TEM Environmental (TEM) located in Glendale Heights, Illinois. TEM is a National Voluntary Laboratory Accreditation Program (NVLAP) accredited laboratory, an American Industrial Hygiene Association (AIHA) accredited institution, and is also certified in Illinois. Bulk samples were analyzed using PLM EPA Method 600/R-93/116. Copies of the laboratory chain of custody and analytical report documentation are provided in the Appendix.

2.4 Limitations & Exceptions of Survey

Site observations are of the conditions observed at the time of the site reconnaissance.

A3E notes the following limitations:

All materials that are positive for asbestos have been quantified by A3E as good faith estimates. These good faith estimates should be verified by any general contractor or abatement company, prior to commencement of work, to determine the actual amount of identified materials that needs to be removed/abated.

It is also possible that additional suspect or assumed ACMs may be present within inaccessible areas of the building, such as above fixed ceilings, in wall systems, behind walls, beneath layers of flooring, roof core layers, within pipe chases, in mechanical equipment insulation, in electrical components, and within HVAC equipment; therefore, these materials may not have been observed or sampled during this limited ACM Survey. It should be noted that any other suspect materials within the site building not sampled as part of this limited ACM Survey should be assumed to be ACM until proven otherwise prior to future renovation or demolition activities.

A3 Environmental, LLC
T: (888) 405-1742
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2.5 Results

Bulk sampling of homogeneous areas containing suspect ACMs was conducted at the site. A homogeneous area is defined as an area of surfacing material, thermal system insulation material or miscellaneous material that is uniform in appearance, color and texture, and was applied at the same time.

Prior to collection of suspect materials, the sample location was sprayed with amended water to minimize fiber release and to soften the building material being sampled. Bulk materials were sampled from the center of the wetted area. After the sample was taken, the bulk material was placed in a sample bag which was sealed to prevent escape or contamination of outside sources. A unique sample number was assigned to each sample and the sample bag was labeled with that number.

Asbestos includes chrysotile, amosite, crocidolite, anthophyllite, tremolite and actinolite (fibrous minerals). The analytical report relates only to the samples tested. Samples were analyzed using PLM with dispersion staining via EPA Method 600/R-93/116 or equivalent for bulk asbestos materials. The reliable limit of detection of this method is one percent (1%) asbestos content. When no asbestos is detected in the sample submitted, the results are reported as *None Detected.* If a sample contains greater than 1% asbestos, it is considered to be an asbestos-containing material by EPA-NESHAPs, OSHA, CCDES IEPA and IDPH. The following tables describes materials sampled, locations, analytical results, friability, condition, and quantity estimates of materials sampled at the building. Building materials identified at the facility to contain greater than 1% asbestos are bolded.

SAMPLE #	DESCRIPTION	MATERIAL LOCATION	LAB RESULTS	FRIABILITY/ CONDITION	ESTIMATED QUANTITY	NOTES
PL1-A,B,C,D,E,F	Plaster (Base & Skim Coat)	Throughout	ND ND ND ND ND ND	Not Friable/ Damaged	5,000 SF	
CFT1-A,B,C	12"x12" Tan Ceramic Floor Tile & Adhesive	Kitchen, Hallway 1, Bathrooms	ND ND ND	Not Friable/ Good	375 SF	
TP1-A,B,C	White Textured Paint	South Dining Room Wall	ND ND ND	Not Friable/ Good	100 SF	

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TP2-A,B,C	White Textured Paint	Bedroom 1 Ceiling	ND ND ND	Not Friable/ Good	140 SF	
CWT1-A,B,C	3"x3" White with Yellow Ceramic Wall Tile & Adhesive	Kitchen	ND ND ND	Not Friable/ Good	300 SF	
CWT2-A,B,C	4"x4" Beige with Yellow Ceramic Wall Tile & Adhesive	Bathroom 1	ND ND ND	Not Friable/ Good	45 SF	
CWT3-A,B,C	12"x6" White Ceramic Wall Tile & Adhesive	Bathroom 1 Bathtub	ND ND ND	Not Friable/ Good	100 SF	
LN1-A,B,C	Beige Linoleum & Mastic	Kitchen	ND ND ND	Not Friable/ Good	221 SF	Under CFT1
LN2-A,B,C	Yellow Linoleum & Mastic	Hallway 1, Bathroom 1	**2%-3% Chrysotile** **2%-3% Chrysotile** **2%-3% Chrysotile**	Not Friable/ Good	100 SF	
FL1-A,B,C	Grey Floor Leveler Panel	Kitchen, Hallway 1, Bathrooms	ND ND ND	Not Friable/ Good	150 SF	
CT1-A,B,C	12"x12" White Ceiling Tile	Bedroom 2	ND ND ND	Friable/ Good	120 SF	
CT2-A,B,C	2'x2' White Pinhole & Squiggle Ceiling Tile	Hallway 2, Bedrooms 3&4	ND ND ND	Friable/ Good	375 SF	
GB1-A,B,C	Gypsum Board	2nd Floor Interior Walls	ND ND ND	Not Friable/ Damaged	1,500 SF	

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PI1-A,B,C	Air-Cell Pipe Insulation	Pipes in Overhead in Basement	**90%-95% Chrysotile 90%-95% Chrysotile 90%-95% Chrysotile**	Friable/ Damaged	200 LF	
PF1-A,B,C	Pipe Fitting Hardpack Insulation	Pipes in Overhead in Basement	**20%-30% Chrysotile 20%-30% Chrysotile 20%-30% Chrysotile**	Friable/ Damaged	25 Fittings	
FBM1-A,B,C	Flue Brick & Mortar	Basement	ND ND ND	Not Friable/ Good	100 SF	
BM1-A,B,C	Brick & Mortar	Exterior	ND ND ND	Not Friable/ Good	3,000 SF	
SH1-A,B,C	Tan Shingles	Roof	ND ND ND	Not Friable/ Good	1,500 SF	
FP1-A,B,C	Felt/Tar Paper	Roof	ND ND ND	Not Friable/ Good	1,500 SF	Under SH1

2.5.1 Survey Method & Results

The field activities were conducted on May 5th, 2025, by Mr. Patrick W. Hook, a licensed Illinois Department of Public Health (IDPH) asbestos inspector. A3E collected a total of 60 bulk samples of suspect ACMs from 19 homogeneous materials identified at the 15323 Myrtle Avenue Site. It is important to note that in many instances, additional material layers (i.e. mastics/glues/adhesives/layers) associated with the 60 bulk samples were also analyzed, thus increasing the total number of samples to 90.

The following building materials were identified at the 15323 Myrtle Avenue residence to contain greater than 1% asbestos; therefore, the building materials are required to be treated as regulated ACMs:

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F: (630) 507-9003
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- **100 square feet of yellow linleum and mastic in hallway 1 and bathroom 1**
- **200 linear feet of Aircell pipe insulation in basement overhead**
- **25 hardpack fittings associated with the Aircell insuated pipes in the overhead of the basement**

The folowing building materials are assumed to contain asbestos as these materials were located below damaged Aircell piping and fittings in the basement:

- **1,000 square feet of carpet remnant in basement**

3.0 LEAD SURVEY

A comprehensive LBP Inspection of accessible buildings and rooms was performed on this Property. The purpose of this inspection was to determine the presence or absence of Lead Based Paint (LBP), as defined by the United States Environmental Protection Agency (USEPA) and the Illinois Department of Public Health (IDPH). This inspection was conducted on May 2, 2025 by James W. Sundberg (License Number IL1743).

Even though not applicable on this type of property, the protocol used for this inspection is based on the practices and procedures in the United States Department of Housing and Urban Development's (HUD) Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing, 2012 Revision (HUD Guidelines) and the United States Environmental Protection Agency's (USEPA) 40 CFR Part 745 (Lead; Identification of Dangerous Levels of Lead; Final Rule; January 5, 2001), It should be noted that the Occupational Safety and Health Administration (OSHA) Lead in Construction Standard (29 CFR 1926.62) does not define Lead Based Paint (LBP). A modified, comprehensive inspection by building of building WAS performed. Although all painted, varnished, and shellacked components on a room by room basis were tested, limited numbers of walls (about 2) per room were tested. The Inspection was conducted utilizing the Viken Detection (formerly Heuresis Pb200i XRF (Serial Number 2187). The XRF fieldwork was conducted in accordance with the guidelines outlined in the EPA Performance Characteristic Sheet (Attached). In addition, please note the report does not label locations as North, South, East, and West. It utilizes A, B, C, and D. For this report, Wall A corresponds to the West Wall (Street Address Side) in every room. Walls B, C, and D are labeled from Wall A in a clockwise manner. For this project, Wall A is to the West, Wall B is to the North, Wall C is to the East, and Wall D is to the South.

Component by component testing on a room by room basis was performed throughout the property. It was attempted to test all components that were painted, varnished, or shellacked. Some readings were above the United States Environmental Protection

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T: (888) 405-1742
F: (630) 507-9003
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Agency (USEPA) and Illinois Department of Public Health (IDPH) Regulatory Level of 1.0 mg/cm². The Table below contains a summary of the generic components that tested POSITIVE for LBP on this property. Since all accessible, painted components were tested, components not listed in Table I tested negative for LBP.

15323 MYRTLE AVE - GENERIC COMPONENTS POSITIVE FOR LBP	
ROOM	**COMPONENT**
Exterior Front Porch and Back Porch	Wood Ceiling, Floor, and Support Beams and Columns
Exterior House	Walls A and D Wood Jambs, Casings, and Threshold
	Wood Window Components (including under Aluminum)
	Wood Soffits and Fascia (Assumed to be under Aluminum)
Interior Front Porch, 1 Bedroom 2, and Stairs to Basement	Plaster Walls and Ceiling
Interior Basement	Brick Chimney
	Wood Support Columns and Beams
	Wood Stair Components
	Wood Window Components
	Wood Laundry Chute Walls
All Components in some form of deteriorated condition.	

4.0 HAZARDOUS MATERIALS SURVEY

This section summarizes the findings of a hazardous/universal waste materials survey walkthrough and evaluation performed by A3 Environmental, LLC (A3E) on April 2, 2025 at the Vacant Residential House located at 15323 Myrtle Avenue in Chicago, Illinois. The walkthrough consisted of an evaluation and quantification of universal wastes, chemicals, equipment, and other environmentally sensitive materials that will likely be encountered during any future building demolition or renovation activities. These materials should be accounted for and removed prior to, or in conjunction with, these activities if not to remain in use.

A3 Environmental, LLC
T: (888) 405-1742
F: (630) 507-9003
Info@A3E.com

4.1 Polychlorinated Biphenyls (PCBs)

A3E conducted a site reconnaissance to locate, identify and quantify potential PCB-containing items. Two fluorescent bulbs and associated ballasts were observed were observed in Hallway 2.

4.2 Universal Wastes

Under the US Environmental Protection Agency's (US EPA) Universal Waste Rule (40 CFR 273), certain common hazardous wastes (called universal wastes) can be managed under less stringent requirements that those of the Resource Conservation and Recovery Act (RCRA) Hazardous Waste rules. The categories of waste identified by the US EPA as Universal Waste are: Recalled or Unused Pesticides, Hazardous Waste Batteries, Mercury-Containing Thermostats, and Hazardous Waste Lamps.

These Federal rules provide states with the authority to add categories of waste that may be managed as universal waste within the state. The State of Illinois has established standards for the management of universal waste. These standards are listed in the Illinois Administrative Code: Title 35, Subtitle G, Chapter 1, Subpart c, Part 733. The State of Illinois has not opted to include any additional wastes beyond those identified by the US EPA in its Universal Waste Standard. However, the State of Illinois has redefined US EPA's category Mercury-Containing Thermostats and as a result developed two categories: Mercury Thermostats and Mercury-Containing Equipment.

The following Universal Wastes were identified at the site:

Mercury Thermostats/Regulators

A3E observed one thermostat in the residence. Numerous light fixtures/ceiling fans with standard light bulbs were observed throughout the residence (please refer to figues for light fixture locations).

4.3 Other Hazardous Containing Materials

A3E did observe a gas meter, doorbell unit, electric meter, baseboard heaters, breaker box, telephone box, satelite dish, small boiler unit, alarm unit and smoke/fire alarm (please see figures for locations).

Some of the items discussed in this report can be recycled by using state and local (City of Chicago, Cook County, IEPA) resources. Items need to be collected and transported to these recycling facilities where some fees may apply.

A3 Environmental, LLC
T: (888) 405-1742
F: (630) 507-9003
Info@A3E.com

5.0 FINDINGS & CONCLUSIONS

Metropolitan Water Reclamation District of Greater Chicago (MWRD) retained A3 Environmental (A3E) to conduct an Asbestos-Containing Material Survey (ACM Survey), Lead Based Paint Survey and Hazardous Materials Survey of the control buildings located at 15323 Myrtle Avenue Harvey, Cook, Illinois 60426 (the facility or building).

ACM Survey: The following building materials were identified at the 15323 Myrtle Avenue residence to contain greater than 1% asbestos; therefore, the building materials are required to be treated as regulated ACMs:

- **100 square feet of yellow linleum and mastic in hallway 1 and bathroom 1**
- **200 linear feet of Aircell pipe insulation in basement overhead**
- **25 hardpack fittings associated with the Aircell insuated pipes in the overhead of the basement**

The folowing building materials are assumed to contain asbestos as these materials are located below damaged aircell piping in the basement:

- **1,000 square feet of carpet remnant in basement**

Lead Survey: The Folowing building components were identified at the 15323 Myrtle Avenue residence to contain greater than 1.0 mg/cm² of lead.

- **Exterior Front Porch and Back Porch - wood ceiling, floor, and support beams and columns**
- **Exterior House - walls A and D wood jambs, casings, and threshold, wood window components (including under aluminum siding), wood soffits and fascia (assumed to be under aluminum siding)**
- **Interior Front Porch, Bedrooms 1 & 2, Stairs to Basement - plaster walls**
- **Interior Basement - brick chimney, wood support column and beams, wood stair components, wood window components, wood laudry chute walls**

Hazardous Materials Survey:

- **A3E observed two fluorescent bulbs and associated ballasts in hallway 2 and one thermostat in the residence. Numerous light fixtures/ceiling fans with standard light bulbs were observed throughout the residence. A3E did observe**

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T: (888) 405-1742
F: (630) 507-9003
Info@A3E.com

a gas meter, doorbell unit, electric meter, baseboard heaters, breaker box, telephone box, satelite dish, small boiler unit, alarm unit and smoke/fire alarm (please see figures for locations). These materials should be removed or recycled properly prior to demolition.

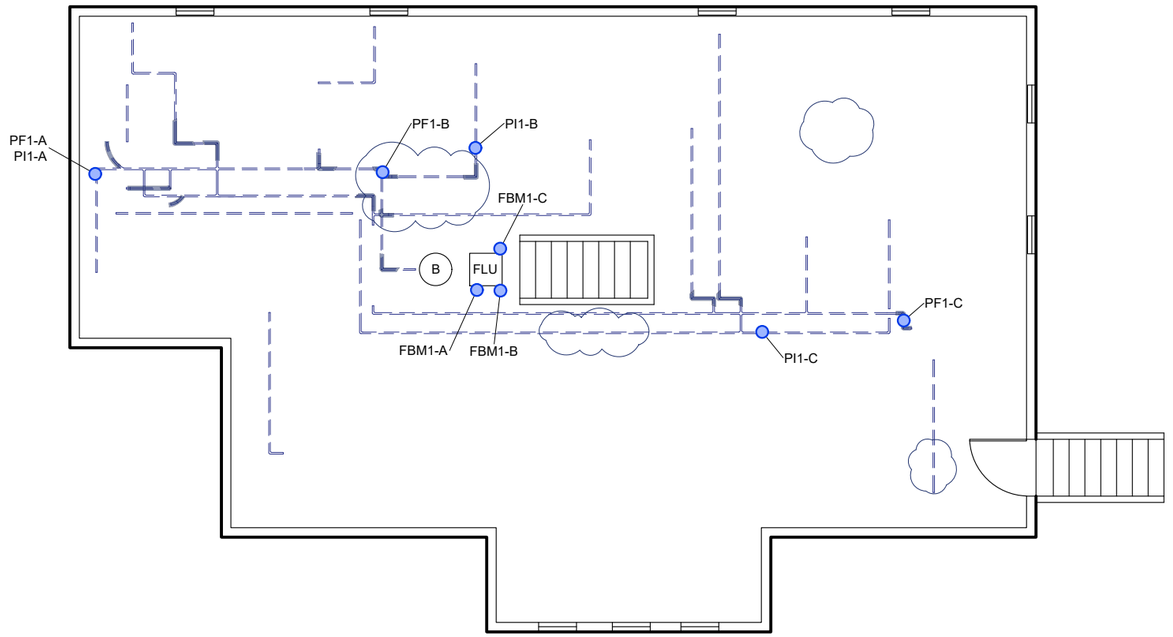
6.0 SIGNATURE OF ENVIRONMENTAL PROFESSIONALS

These surveys were performed as described in the authorized Agreement between Metropolitan Water Reclamation District of Greater Chicago (MWRD) and A3E dated February 12, 2025 and documents the sampling methodology used by qualified environmental professionals of A3E to obtain, identify, and summarize information pertaining to ACMs located at the Vacant Residential House located at 15323 Myrtle Avenue Harvey, Cook, Illinois 60426 (the facility or building).

Report Prepared By:

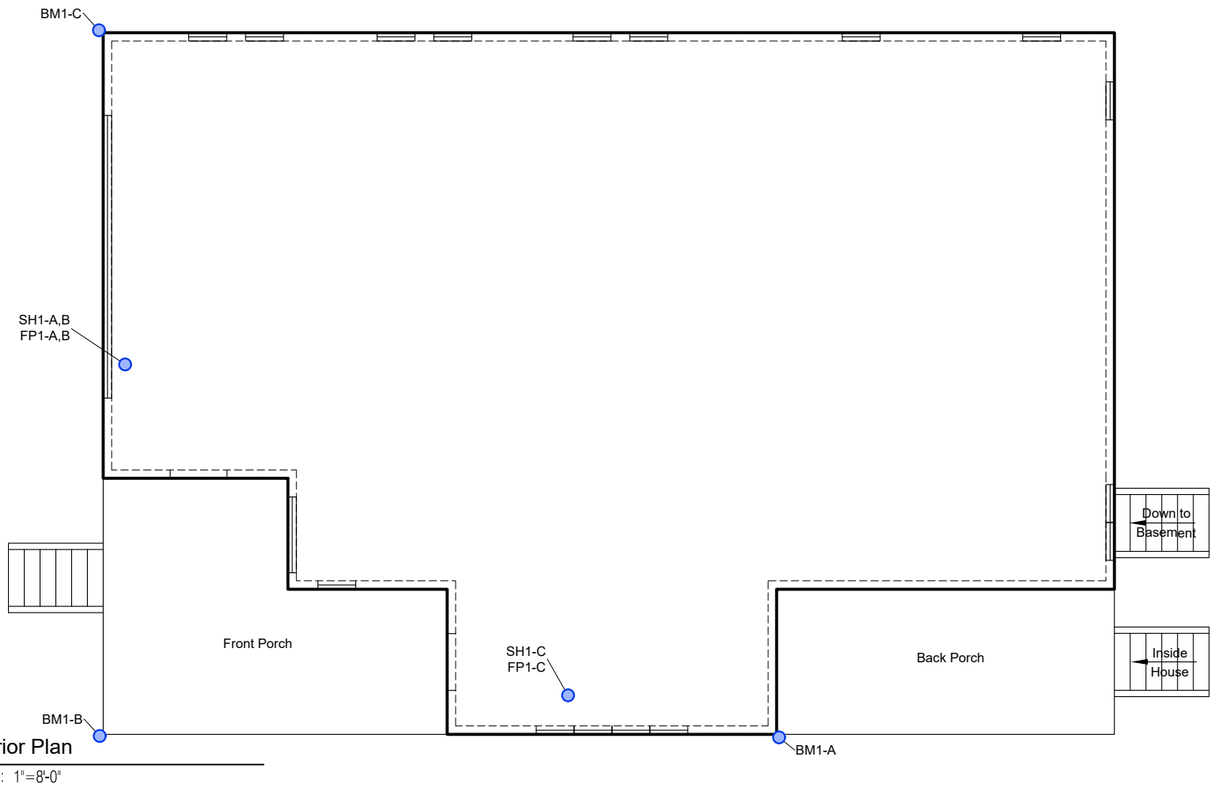


Lead Consultant, EPA AHERA Certified Asbestos Building Inspector, Project Manager, IDPH #100-10967



Basement Floor Plan

SCALE: 1"=8'-0"



Exterior Plan

SCALE: 1"=8'-0"

A3E CONSULTANTS

Legend

- Sample Location
- Pipe
- Pipe Bend with Insulation
- Pipe Insulation Debris

REV #	DESCRIPTION	DATE

SITE:
15323 Myrtle Avenue
Harvey, IL 60426

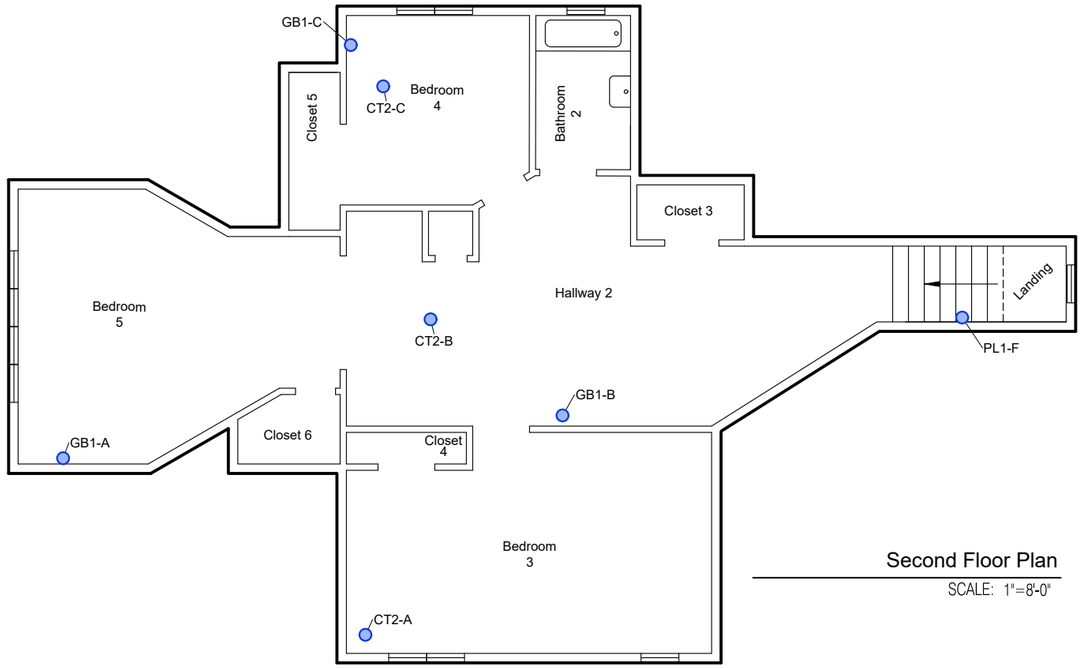
PROJECT NUMBER: 2025.0320

DATE: 06.05.2025

SCALE: 1" = 8'-0"

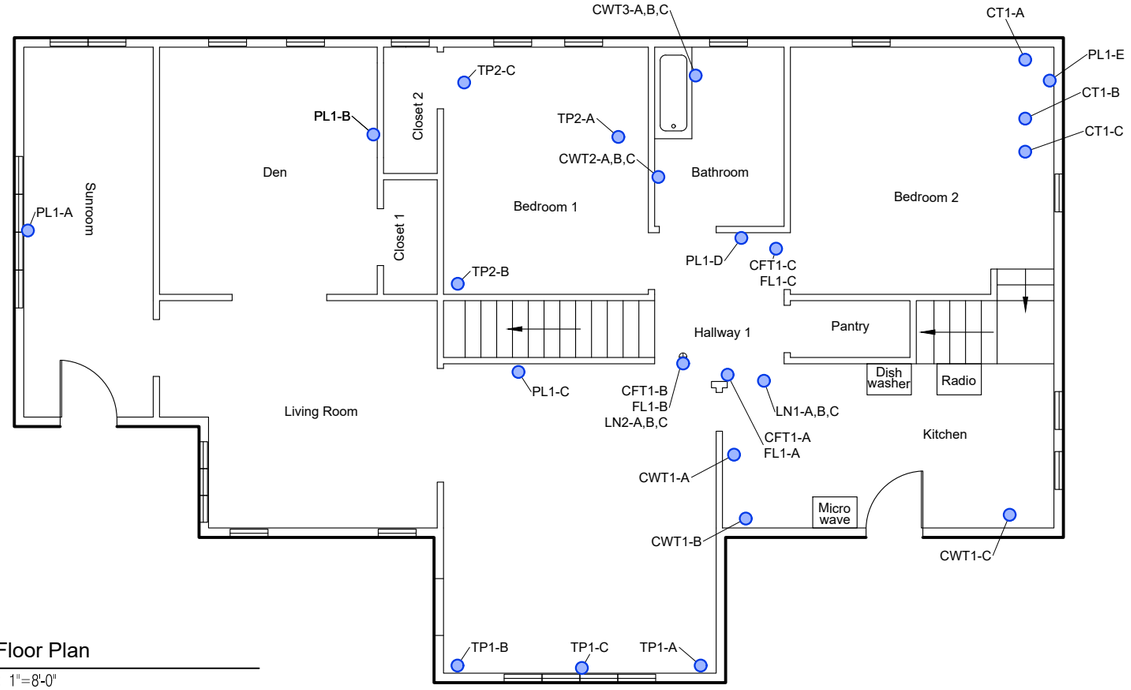
DWG: ASBESTOS SAMPLE LOCATION MAP

PAGE: 1



Second Floor Plan

SCALE: 1"=8'-0"



First Floor Plan

SCALE: 1"=8'-0"

A3E CONSULTANTS

Legend

Sample Location

REV #	DESCRIPTION	DATE

SITE:
15323 Myrtle Avenue
Harvey, IL 60426

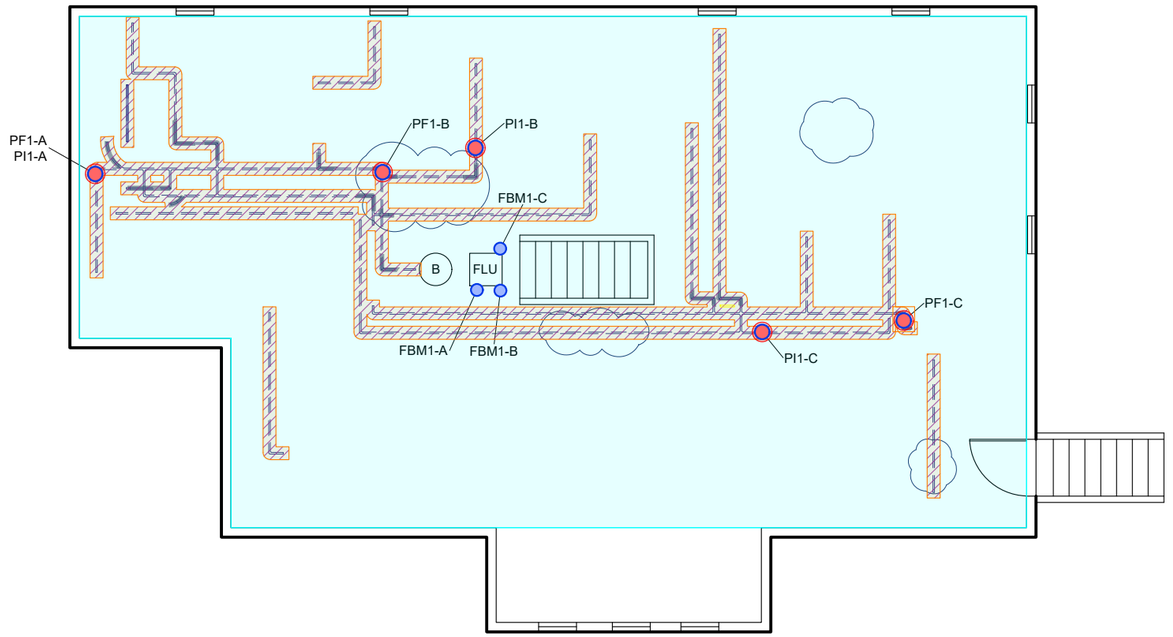
PROJECT NUMBER: 2025.0320

DATE: 06.05.2025

SCALE: 1" = 8'-0"

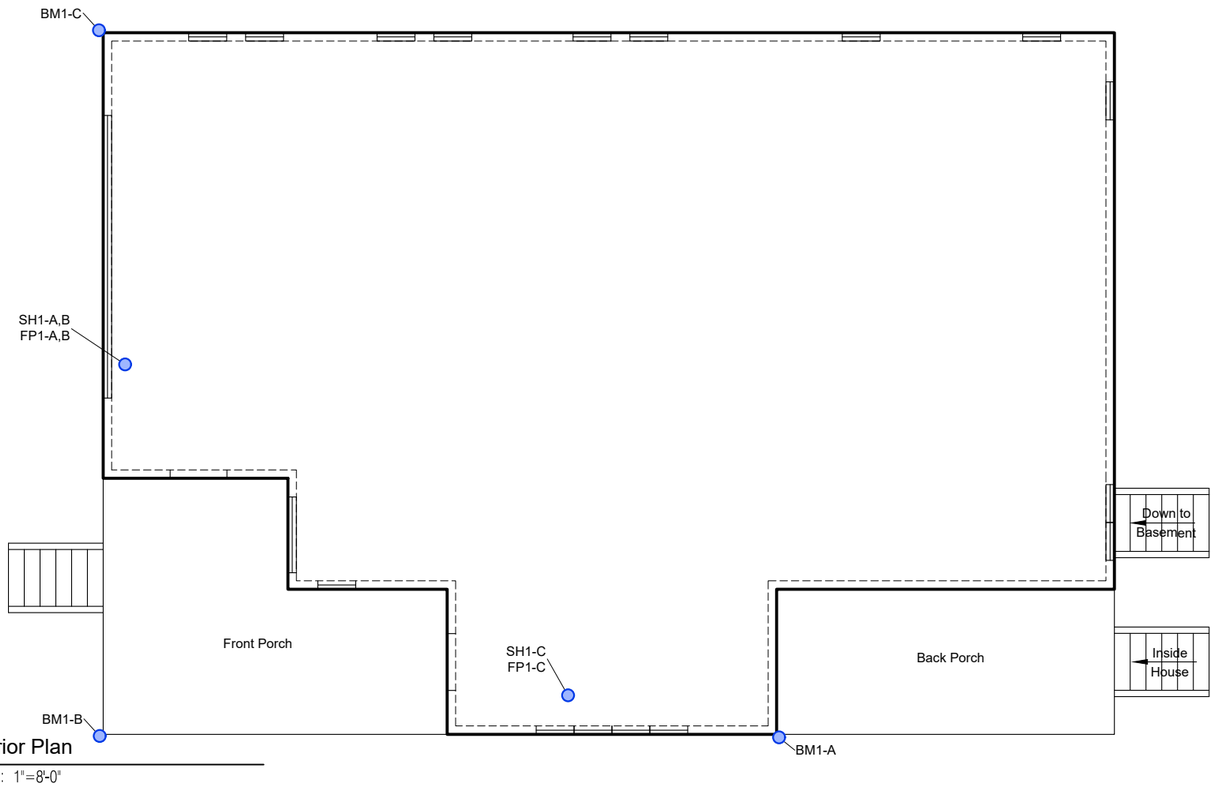
DWG: ASBESTOS SAMPLE LOCATION MAP

PAGE: 2



Basement Floor Plan

SCALE: 1"=8'-0"



Exterior Plan

SCALE: 1"=8'-0"

A3E CONSULTANTS

Legend

- Sample Location
- ACM Location
- Pipe
- Pipe Bend with Insulation
- Pipe Insulation Debris
- PI1-A,PI1-B,PI1-C: Air-Cell Pipe Insulation *(200 LF)*
- PF1-A,PF1-B,PF1-C: Pipe Fitting Hardpack Insulation *(25 Fittings)*
- Asbestos Debris on Carpet emnant *(1,000 SF)*

REV #	DESCRIPTION	DATE

SITE:
15323 Myrtle Avenue
Harvey, IL 60426

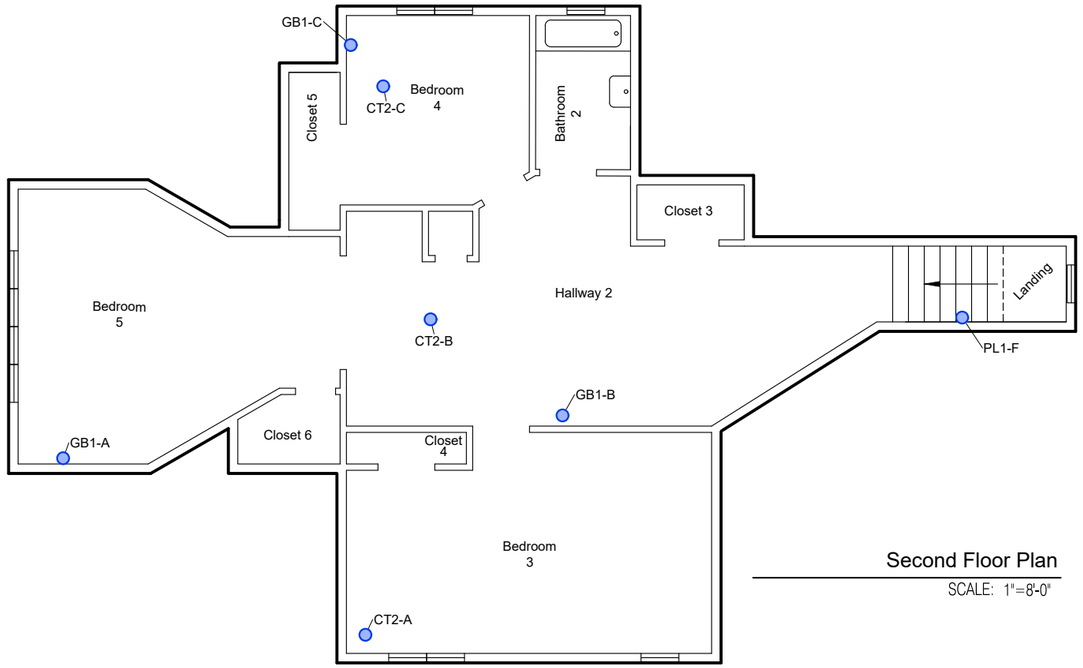
PROJECT NUMBER: 2025.0320

DATE: 06.05.2025

SCALE: 1" = 8'-0"

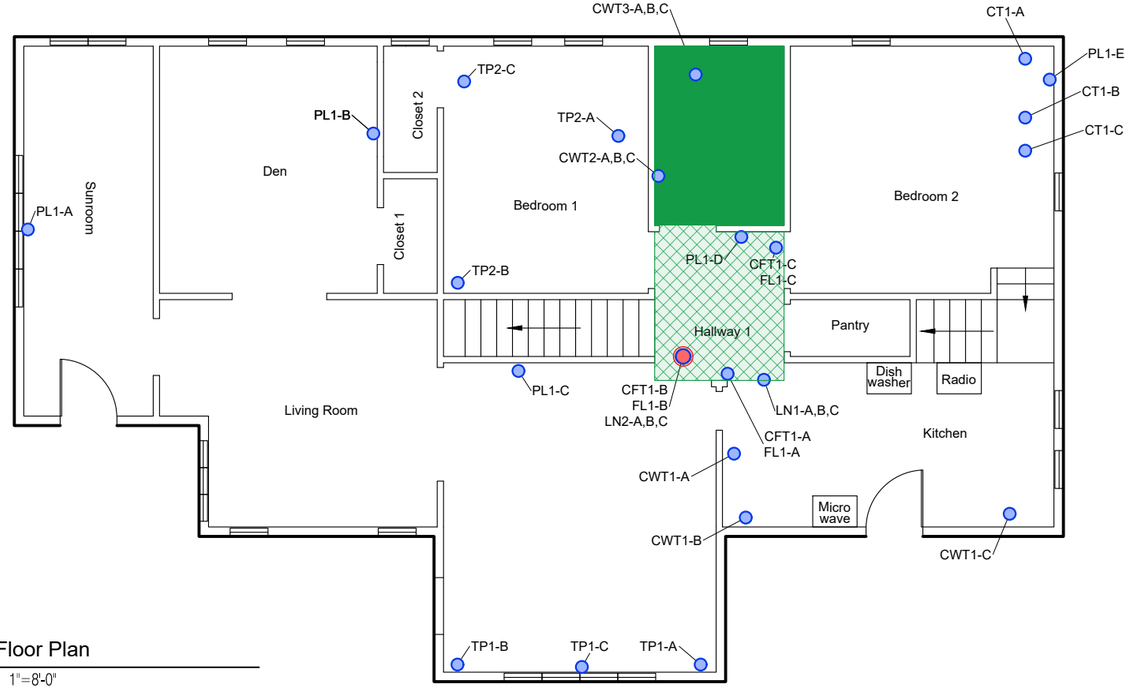
DWG: ASBESTOS CONTAINING MATERIAL LOCATION MAP

PAGE: 3



Second Floor Plan

SCALE: 1"=8'-0"



First Floor Plan

SCALE: 1"=8'-0"

A3E CONSULTANTS

Legend

- Sample Location
- ACM Location
- LN2-A,LN2-B,LN2-C: Yellow Linoleum and Mastic *(100 SF)*

REV #	DESCRIPTION	DATE

SITE:
15323 Myrtle Avenue
Harvey, IL 60426

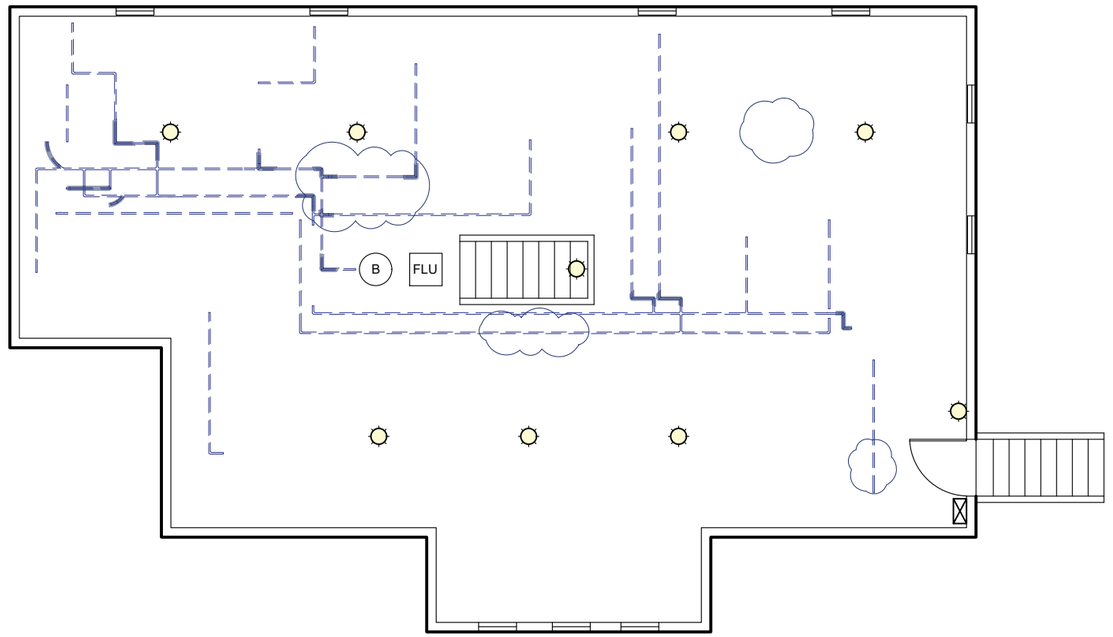
PROJECT NUMBER: 2025.0320

DATE: 06.05.2025

SCALE: 1" = 8'-0"

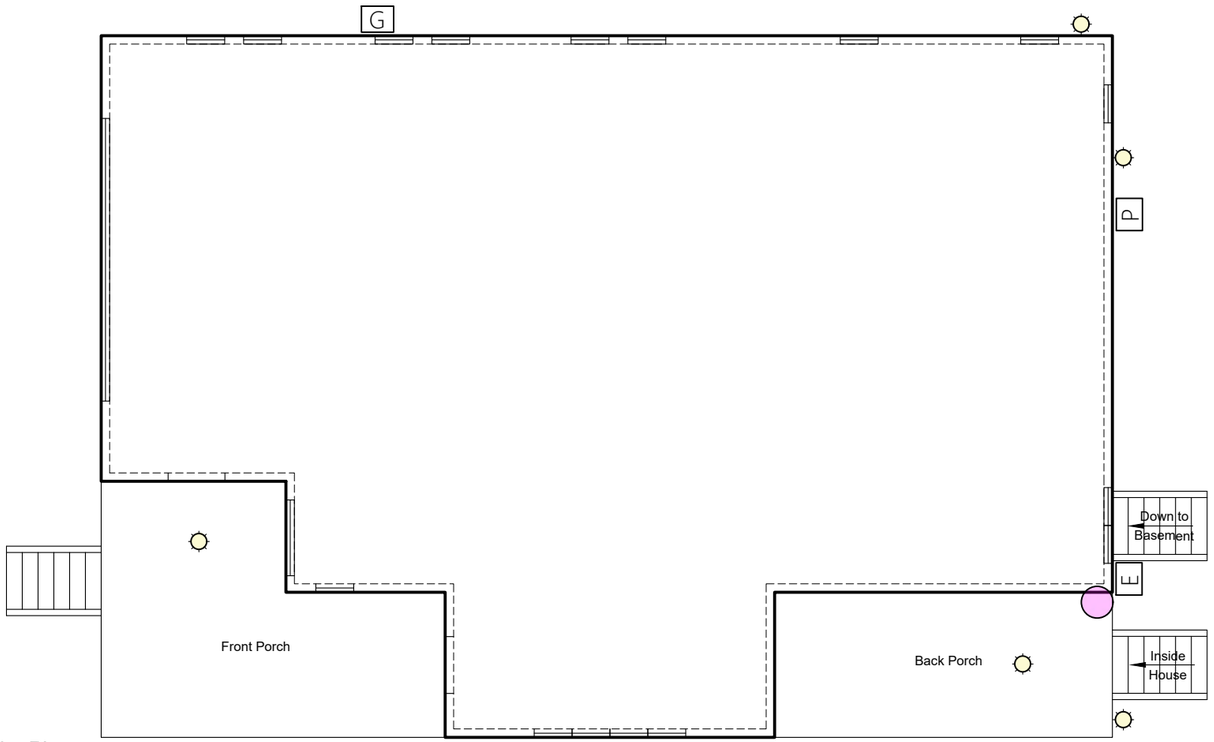
DWG: ASBESTOS CONTAINING MATERIAL LOCATION MAP

PAGE: 4



Basement Floor Plan

SCALE: 1"=8'-0"



Exterior Plan

SCALE: 1"=8'-0"

A3E CONSULTANTS

Legend

- Light
- G Gas Meter
- E Electric Meter
- P Phone Box
- Breaker Box
- B Boiler
- Pipe
- Pipe Bend with Insulation
- Pipe Insulation Debris
- Satellite Dish

REV #	DESCRIPTION	DATE

SITE:
15323 Myrtle Avenue
Harvey, IL 60426

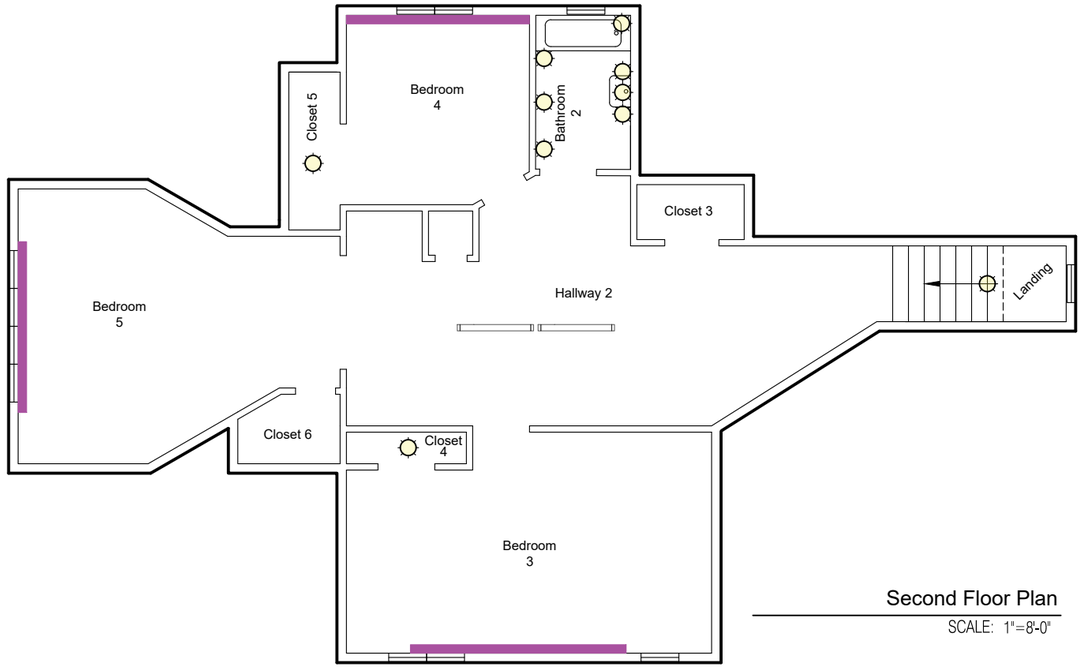
PROJECT NUMBER: 2025.0320

DATE: 06.05.2025

SCALE: 1" = 8'-0"

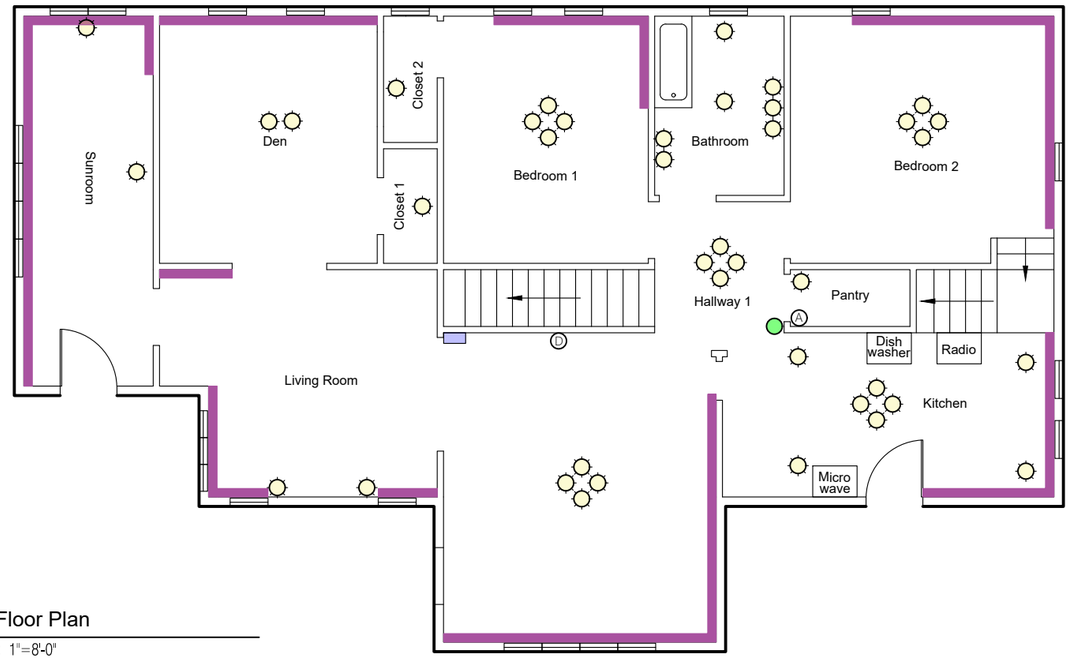
DWG: HAZARDOUS MATERIAL SURVEY

PAGE: 5



Second Floor Plan

SCALE: 1"=8'-0"



First Floor Plan

SCALE: 1"=8'-0"

A3E CONSULTANTS

Legend

- Light
- Base Board Heater
- Thermostat
- Alarm
- Doorbell
- Fluorescent Light and Ballast
- Smoke Alarm

REV #	DESCRIPTION	DATE

SITE:
15323 Myrtle Avenue
Harvey, IL 60426

PROJECT NUMBER: 2025.0320

DATE: 06.05.2025

SCALE: 1" = 8'-0"

DWG: HAZARDOUS MATERIAL SURVEY

PAGE: 6

IDPH
ILLINOIS DEPARTMENT OF PUBLIC HEALTH

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

IDPH

ASBESTOS PROFESSIONAL LICENSE

ID NUMBER	ISSUED	EXPIRES
100 - 10967	3/10/2025	05/15/2026

PATRICK W HOOK
2025 WOODLANE DR
LINDENHURST, IL 60046
Environmental Health



Back of License

ENDORSEMENTS	TC EXPIRES
INSPECTOR	1/10/2026
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

TEM ENVIRONMENTAL, INC.
ENVIRONMENTAL SCIENTISTS | INDUSTRIAL HYGIENISTS

LABORATORY REPORT
BULK SAMPLE ASBESTOS EVALUATION BY POLARIZED LIGHT MICROSCOPY METHOD

Client:	A3 Environmental	**Project Location:**	15323 Myrtle Ave.
Contact	Patrick Hook	**Project Reference:**	2025.0320
Address:	3030 Warrenville Rd., Suite 418	**TEM Project:**	76525
	Lisle IL 60532-	**Analyzed by:**	Lori Boersma
		Date Analyzed:	5/22/2025

Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID Description	Lab ID	Color		Type	Percent	Type	Percent	Filler Binder	Comments
PL1-A Plaster - Base Coat	571090	Gray	None Detected	-	-	- Hair	- 1-2	98-99	
PL1-B Plaster - Base Coat	571091	Gray	None Detected	-	-	-	-	90-100	
PL1-C Plaster - Base Coat	571092	Gray	None Detected	-	-	- Hair	- 1-2	98-99	
PL1-D Plaster - Base Coat	571093	Gray	None Detected	-	-	- Hair	- Trace	90-100	
PL1-E Plaster - Base Coat	571094	Gray	None Detected	-	-	- Hair	- Trace	90-100	
PL1-F Plaster - Base Coat	571095	Gray	None Detected	-	-	-	-	90-100	
PL1-A* Plaster - Skim Coat	571096	White	None Detected	-	-	-	-	90-100	
PL1-B* Plaster - Skim Coat	571097	White	None Detected	-	-	-	-	90-100	

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LABORATORY REPORT
BULK SAMPLE ASBESTOS EVALUATION BY POLARIZED LIGHT MICROSCOPY METHOD

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	Lisle IL 60532-	**Analyzed by:**	Lori Boersma
		Date Analyzed:	5/22/2025

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				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID / Description	Lab ID	Color		Type	Percent	Type	Percent	Filler / Binder	Comments
PL1-C* Plaster - Skim Coat	571098	White	None Detected	-	-	-	-	90-100	
PL1-D* Plaster - Skim Coat	571099	White	None Detected	-	-	-	-	90-100	
PL1-E* Plaster - Skim Coat	571100	White	None Detected	-	-	-	-	90-100	
PL1-F* Plaster - Skim Coat	571101	White	None Detected	-	-	-	-	90-100	
CFT1-A 12"x12" Tan Ceramic FT	571102	Tan	None Detected	-	-	-	-	90-100	
CFT1-B 12"x12" Tan Ceramic FT	571103	Tan	None Detected	-	-	-	-	90-100	
CFT1-C 12"x12" Tan Ceramic FT	571104	Tan	None Detected	-	-	-	-	90-100	
CFT1-A* Tan Ceramic FT Adhesive	571105	Gray	None Detected	-	-	-	-	90-100	

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	Lisle IL 60532-	**Analyzed by:**	Lori Boersma
		Date Analyzed:	5/22/2025

Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID Description	Lab ID	Color		Type	Percent	Type	Percent	Filler Binder	Comments
CFT1-B* Tan Ceramic FT Adhesive	571106	Gray	None Detected	-	-	-	-	90-100	
CFT1-C* Tan Ceramic FT Adhesive	571107	Gray	None Detected	-	-	-	-	90-100	
TP1-A White Textured Paint S. DR	571108	White/Gray	None Detected	-	-	-	-	90-100	
TP1-B White Textured Paint S. DR	571109	White/Gray	None Detected	-	-	-	-	90-100	
TP1-C White Textured Paint S. DR	571110	White/Gray	None Detected	-	-	Cellulose:	Trace	90-100	
TP2-A White Textured Paint BR 1	571111	White	None Detected	-	-	-	-	90-100	
TP2-B White Textured Paint BR 1	571112	White	None Detected	-	-	-	-	90-100	
TP2-C White Textured Paint BR 1	571113	White	None Detected	-	-	-	-	90-100	

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	Lisle	IL	60532-	**Analyzed by:**	Lori Boersma
				Date Analyzed:	5/22/2025

Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID / Description	Lab ID	Color		Type	Percent	Type	Percent	Filler / Binder	Comments
CWT1-A White/Yellow Ceramic Wall Tile	571114	White/Yellow	None Detected	-	-	-	-	90-100	
CWT1-B White/Yellow Ceramic Wall Tile	571115	White/Yellow	None Detected	-	-	-	-	90-100	
CWT1-C White/Yellow Ceramic Wall Tile	571116	White/Yellow	None Detected	-	-	-	-	90-100	
CWT1-A* Ceramic WT Adhesive	571117	Tan	None Detected	-	-	-	-	90-100	
CWT1-B* Ceramic WT Adhesive	571118	Tan	None Detected	-	-	Cellulose:	Trace	90-100	
CWT1-C* Ceramic WT Adhesive	571119	Tan	None Detected	-	-	-	-	90-100	
CWT2-A Beige/Yellow Ceramic Wall Tile	571120	Beige/Yellow	None Detected	-	-	Cellulose:	1-2	98-99	
CWT2-B Beige/Yellow Ceramic Wall Tile	571121	Beige/Yellow	None Detected	-	-	Cellulose:	Trace	90-100	

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	Lisle	IL	60532-	**Analyzed by:**	Lori Boersma
				Date Analyzed:	5/22/2025

Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID / Description	Lab ID	Color		Type	Percent	Type	Percent	Filler / Binder	Comments
CWT2-C Beige/Yellow Ceramic Wall Tile	571122	Beige/Yellow	None Detected	-	-	Cellulose:	Trace	90-100	
CWT2-A* Ceramic WT Adhesive	571123	Tan	None Detected	-	-	Cellulose:	5-10	90-95	
CWT2-B* Ceramic WT Adhesive	571124	Tan	None Detected	-	-	Cellulose:	5-10	90-95	
CWT2-C* Ceramic WT Adhesive	571125	Tan	None Detected	-	-	Cellulose:	5-10	90-95	
CWT3-A White Ceramic Wall Tile	571126	White	None Detected	-	-	-	-	90-100	
CWT3-B White Ceramic Wall Tile	571127	White	None Detected	-	-	-	-	90-100	
CWT3-C White Ceramic Wall Tile	571128	White	None Detected	-	-	-	-	90-100	
CWT3-A* Ceramic WT Adhesive	571129	Beige	None Detected	-	-	-	-	90-100	

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BULK SAMPLE ASBESTOS EVALUATION BY POLARIZED LIGHT MICROSCOPY METHOD

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Address:	3030 Warrenville Rd., Suite 418			**TEM Project:**	76525
	Lisle	IL	60532-	**Analyzed by:**	Lori Boersma
				Date Analyzed:	5/22/2025

Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID Description	Lab ID	Color		Type	Percent	Type	Percent	Filler Binder	Comments
CWT3-B* Ceramic WT Adhesive	571130	Beige	None Detected	-	-	-	-	90-100	
CWT3-C* Ceramic WT Adhesive	571131	Beige	None Detected	-	-	-	-	90-100	
LN1-A Beige Linoleum	571132	Beige	None Detected	-	-	Cellulose: Glass:	20-25 30-35	40-50	
LN1-B Beige Linoleum	571133	Beige	None Detected	-	-	Cellulose: Glass:	20-25 30-35	40-50	
LN1-C Beige Linoleum	571134	Beige	None Detected	-	-	Cellulose: Glass:	20-25 30-35	40-50	
LN1-A* Beige Linoleum Mastic	571135	Brown	None Detected	-	-	Cellulose: Glass:	3-5 1-2	93-96	
LN1-B* Beige Linoleum Mastic	571136	Brown	None Detected	-	-	Cellulose: Glass:	3-5 1-2	93-96	
LN1-C* Beige Linoleum Mastic	571137	Brown	None Detected	-	-	Cellulose:	2-3	97-98	

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				Date Analyzed:	5/22/2025

Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID Description	Lab ID	Color		Type	Percent	Type	Percent	Filler Binder	Comments
LN2-A Yellow Linoleum	571138	Yellow	**Yes**	**Chrysotile:**	**2-3**	-	-	97-98	
LN2-B Yellow Linoleum	571139	Yellow	**Yes**	**Chrysotile:**	**2-3**	-	-	97-98	
LN2-C Yellow Linoleum	571140	Yellow	**Yes**	**Chrysotile:**	**2-3**	-	-	97-98	
LN2-A* Yellow Linoleum Mastic	571141	Yellow	None Detected	-	-	Cellulose:	1-2	98-99	
LN2-B* Yellow Linoleum Mastic	571142	Yellow	None Detected	-	-	Cellulose:	2-3	97-98	
LN2-C* Yellow Linoleum Mastic	571143	Yellow	None Detected	-	-	Cellulose: Glass:	2-3 Trace	97-98	
FL1-A Gray Floor Leveler Panel	571144	Gray	None Detected	-	-	- Glass:	- 5-10	90-95	
FL1-B Gray Floor Leveler Panel	571145	Gray	None Detected	-	-	- Glass:	- 5-10	90-95	

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LABORATORY REPORT
BULK SAMPLE ASBESTOS EVALUATION BY POLARIZED LIGHT MICROSCOPY METHOD

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Address:	3030 Warrenville Rd., Suite 418			**TEM Project:**	76525
	Lisle	IL	60532-	**Analyzed by:**	Lori Boersma
				Date Analyzed:	5/22/2025

Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID Description	Lab ID	Color		Type	Percent	Type	Percent	Filler Binder	Comments
FL1-C Gray Floor Leveler Panel	571146	Gray	None Detected	-	-	- Glass:	- 5-10	90-95	
CT1-A 12"x12" White Ceiling Tile	571147	White/Tan	None Detected	-	-	Cellulose:	90-100	0-10	
CT1-B 12"x12" White Ceiling Tile	571148	White/Tan	None Detected	-	-	Cellulose:	90-100	0-10	
CT1-C 12"x12" White Ceiling Tile	571149	White/Tan	None Detected	-	-	Cellulose:	90-100	0-10	
CT2-A 2 x2 Pinhole/Squiggle CT	571150	White/Gray	None Detected	-	-	Cellulose: Glass:	20-25 50-55	20-30	
CT2-B 2 x2 Pinhole/Squiggle CT	571151	White/Gray	None Detected	-	-	Cellulose: Glass:	20-25 50-55	20-30	
CT2-C 2 x2 Pinhole/Squiggle CT	571152	White/Gray	None Detected	-	-	Cellulose: Glass:	60-65 10-15	20-30	
GB1-A Gypsum Board	571153	Brown/White	None Detected	-	-	Cellulose: Glass:	5-10 3-5	85-92	

630-790-0880 INFO@TEM-INC.COM 174 N BRANDON DRIVE GLENDALE HEIGHTS, ILLINOIS 60139

TEM ENVIRONMENTAL, INC.
ENVIRONMENTAL SCIENTISTS | INDUSTRIAL HYGIENISTS

LABORATORY REPORT
BULK SAMPLE ASBESTOS EVALUATION BY POLARIZED LIGHT MICROSCOPY METHOD

Client:	A3 Environmental			**Project Location:**	15323 Myrtle Ave.
Contact	Patrick Hook			**Project Reference:**	2025.0320
Address:	3030 Warrenville Rd., Suite 418			**TEM Project:**	76525
	Lisle	IL	60532-	**Analyzed by:**	Lori Boersma
				Date Analyzed:	5/22/2025

Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID Description	Lab ID	Color		Type	Percent	Type	Percent	Filler Binder	Comments
GB1-B Gypsum Board	571154	Brown/White	None Detected	-	-	Cellulose: Glass:	5-10 3-5	85-92	
GB1-C Gypsum Board	571155	Brown/White	None Detected	-	-	Cellulose: Glass:	5-10 3-5	85-92	
PI1-A Aircell Pipe Insulation	571156	Gray	**Yes**	**Chrysotile:**	**90-95**	-	-	5-10	
PI1-B Aircell Pipe Insulation	571157	Gray	**Yes**	**Chrysotile:**	**90-95**	-	-	5-10	
PI1-C Aircell Pipe Insulation	571158	Gray	**Yes**	**Chrysotile:**	**90-95**	-	-	5-10	
PF1-A Pipe Fitting Hardpack Insul.	571159	White	**Yes**	**Chrysotile:**	**20-30**	-	-	70-80	
PF1-B Pipe Fitting Hardpack Insul.	571160	White	**Yes**	**Chrysotile:**	**20-30**	-	-	70-80	
PF1-C Pipe Fitting Hardpack Insul.	571161	White	**Yes**	**Chrysotile:**	**20-30**	-	-	70-80	

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LABORATORY REPORT
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Address:	3030 Warrenville Rd., Suite 418			**TEM Project:**	76525
	Lisle	IL	60532-	**Analyzed by:**	Lori Boersma
				Date Analyzed:	5/22/2025

Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID / Description	Lab ID	Color		Type	Percent	Type	Percent	Filler / Binder	Comments
FBM1-A Flue Brick	571162	Red	None Detected	-	-	-	-	90-100	
FBM1-B Flue Brick	571163	Red	None Detected	-	-	-	-	90-100	
FBM1-C Flue Brick	571164	Red	None Detected	-	-	-	-	90-100	
FBM1-A* Mortar	571165	Gray	None Detected	-	-	-	-	90-100	
FBM1-B* Mortar	571166	Gray	None Detected	-	-	-	-	90-100	
FBM1-C* Mortar	571167	Gray	None Detected	-	-	-	-	90-100	
BM1-A Brick - Exterior	571168	Dark Red	None Detected	-	-	-	-	90-100	
BM1-B Brick - Exterior	571169	Dark Red	None Detected	-	-	-	-	90-100	

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LABORATORY REPORT
BULK SAMPLE ASBESTOS EVALUATION BY POLARIZED LIGHT MICROSCOPY METHOD

Client:	A3 Environmental			**Project Location:**	15323 Myrtle Ave.
Contact	Patrick Hook			**Project Reference:**	2025.0320
Address:	3030 Warrenville Rd., Suite 418			**TEM Project:**	76525
	Lisle	IL	60532-	**Analyzed by:**	Lori Boersma
				Date Analyzed:	5/22/2025

Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers			
Client Sample ID Description	Lab ID	Color		Type	Percent	Type	Percent	Filler Binder	Comments
BM1-C Brick - Exterior	571170	Dark Red	None Detected	-	-	-	-	90-100	
BM1-A* Mortar - Exterior	571171	Light Red	None Detected	-	-	-	-	90-100	
BM1-B* Mortar - Exterior	571172	Light Red	None Detected	-	-	-	-	90-100	
BM1-C* Mortar - Exterior	571173	Light Red	None Detected	-	-	-	-	90-100	
SH1-A Tan Shingle (Roof)	571174	Tan	None Detected	-	-	- Glass:	- 50-60	40-50	
SH1-B Tan Shingle (Roof)	571175	Tan	None Detected	-	-	- Glass:	- 50-60	40-50	
SH1-C Tan Shingle (Roof)	571176	Tan	None Detected	-	-	- Glass:	- 50-60	40-50	
FP1-A Felt/Tar Paper (Roof)	571177	Black	None Detected	-	-	Cellulose:	80-90	10-20	

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LABORATORY REPORT
BULK SAMPLE ASBESTOS EVALUATION BY POLARIZED LIGHT MICROSCOPY METHOD

Client:	A3 Environmental			**Project Location:**	15323 Myrtle Ave.
Contact	Patrick Hook			**Project Reference:**	2025.0320
Address:	3030 Warrenville Rd., Suite 418			**TEM Project:**	76525
	Lisle	IL	60532-	**Analyzed by:**	Lori Boersma
				Date Analyzed:	5/22/2025

Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
				Asbestos Fibers		Non-Asbestos Fibers		Filler	
Client Sample ID Description	Lab ID	Color		Type	Percent	Type	Percent	Binder	Comments
FP1-B Felt/Tar Paper (Roof)	571178	Black	None Detected	-	-	Cellulose:	80-90	10-20	
FP1-C Felt/Tar Paper (Roof)	571179	Black	None Detected	-	-	Cellulose:	80-90	10-20	

Samples are analyzed following the procedures contained in the USEPA Method 600/R-93/116 July 1993. This report applies only to samples analyzed. This report may not be reproduced except in full and with the approval of TEM Environmental, Inc. This report may not be used by the client to claim product endorsement by NVLAP or any agency of the US government. An estimate of the laboratory uncertainty is available upon request.
SLM: Certain samples may warrant additional analysis beyond the standard USEPA Polarized Light Microscopy method. 1) Further testing using the point count method is recommend for friable samples found to contain less than 10% asbestos by PLM to confirm that the samples are in fact regulated asbestos containing materials (RACM) as defined by the USEPA NESHAP Regulation. 2) The optical resolution of a polarized light microscope limits the size of fibers that are visible. In cases where very small fibers may be present, such as in samples of floor tiles, vermiculite or certain construction adhesives, the result of the PLM analysis is not conclusive when the sample is reported as "None Detected" or "Trace". Further testing using transmission electron microscopy is recommended in those cases where samples may contain very small fibers which may be smaller than the resolution limit of a polarized light microscope. All such services are available for an additional fee.

Analytical services provided are subject to the Terms and Conditions listed on our website.

Report Approved by:

630-790-0880 INFO@TEM-INC.COM 174 N BRANDON DRIVE GLENDALE HEIGHTS, ILLINOIS 60139

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CHAIN OF CUSTODY FORM

Client: A3E	Date: 05/09/2025
Contact: Patrick Hook	
Address: 3030 Warrenville Road	
City/State/Zip: Lisle	
Phone: 773-243-7533	Fax:
Email: Patrick@a3e.com	

TAT RUSH/WKD [ ] 24HR [ ] 48HR [ ] 72HR [ ] 4 DAYS [ ] > 5 DAYS [✔]

Project Name/No: 15323 Myrtle Ave / 2025.0320

Results Due by (Date & Time):

TEM Project #: 76525

NVLAP ID 101130 AIHA-PAT ID 101151 AIHA-AAR ID 101151

Comments: Please Analyze Mastics & Adhesives

PO/Quote#:

571090

Client ID No.	Description	Sample Volume	PLM: Bulk	PLM: Point Count	PLM: Gravimetric	TEM: Air-AHERA	TEM: Air-Other	TEM: Bulk	TEM: Chatfield	TEM: Water	TEM: Micro-Vac	TEM: PCM-Air	TEM: Other	Comments
PL1-A,B,C,D,E,F	Plaster (Base & Skim Coat)		✔											
CFT1-A,B,C	12"x12" Tan Ceramic Floor Tile and Adhesive (Kitchen, Hallway, Bathrooms)		✔											
TP1-A,B,C	White Textured Paint - South Dining Room Wall		✔											
TP2-A,B,C	White Textured Paint - Bedroom 1 Ceiling		✔											
CWT1-A,B,C	3"x3" White With Yellow Ceramic Wall Tile and Adhesive - Kitchen		✔											
CWT2-A,B,C	4"x4" Beige With Yellow Ceramic Wall Tile and Adhesive - Bathroom (2 Walls)		✔											
CWT3-A,B,C	12"x6" White Ceramic Wall Tile and Adhesive - Bathroom (Tub Walls)		✔											
LN1-A,B,C	Beige Linoleum and Masitc - Kitchen (Under CFT1)		✔											
LN2-A,B,C	Yellow Linoleum and Mastic - Hallway and Bathroom (Under CFT1)		✔											
FL1-A,B,C	Gray Floor Leveler Panel (Kitchen, Hallway, Bathrooms)		✔											
CT1-A,B,C	12"x12" White Ceiling Tile - Bedroom 2		✔											
CT2-A,B,C	2'x2' White Pinhole and Squiggle Ceiling Tile (Hallway 2, Bedrooms 3&4)		✔											
GB1-A,B,C	Gypsum Board (Interior Walls 2nd Floor)		✔											

RELINQUISHED BY (SIGNATURE): A3E	DATE/TIME 5-9-25 304	RECEIVED BY (SIGNATURE):	DATE/TIME 5/9/25 3:10pm
RELINQUISHED BY (SIGNATURE):	DATE/TIME	RECEIVED BY (SIGNATURE):	DATE/TIME
LOGGED IN BY (SIGNATURE):	DATE/TIME	ANALYZED BY (SIGNATURE):	DATE/TIME

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174 N BRANDON DRIVE | GLENDALE HEIGHTS, ILLINOIS 60139
630-790-0880 | INFO@TEM-INC.COM

CHAIN OF CUSTODY FORM

Client: A3E	Date: 05/09/2025
Contact: Patrick Hook	
Address: 3030 Warrenville Road	
City/State/Zip: Lisle	
Phone: 773-243-7533	Fax:
Email: Patrick@a3e.com	

TAT RUSH/WKD [ ] 24HR [ ] 48HR [ ] 72HR [ ] 4 DAYS [ ] > 5 DAYS [✔]

Project Name/No: 15323 Myrtle Ave / 2025.0320

Results Due by (Date & Time):

TEM Project #: 76525

NVLAP ID 101130 AIHA-PAT ID 101151 AIHA-AAR ID 101151

Comments:

PO/Quote#:

Client ID No.	Description	Sample Volume	PLM: Bulk	PLM: Point Count	PLM: Gravimetric	TEM: Air-AHERA	TEM: Air-Other	TEM: Bulk	TEM: Chatfield	TEM: Water	TEM: Micro-Vac	TEM: PCM-Air	TEM: Other	Comments
PI1-A,B,C	Air-Cell Pipe Insulation (Pipes in Basement)		✔											
PF1-A,B,C	Pipe Fitting Hardpack Insulation (Pipes in Basement)		✔											
FBM1-A,B,C	Flue Brick and Mortar (Basement Flue)		✔											
BM1-A,B,C	Brick and Mortar (Exterior)		✔											
SH1-A,B,C	Tan Shingle (Roof)		✔											
FP1-A,B,C	Felt/Tar Paper (Roof)		✔											

x 6
5/11/25

RELINQUISHED BY (SIGNATURE): Patrick A3E	DATE/TIME 5-9-25 3:04	RECEIVED BY (SIGNATURE):	DATE/TIME 5/9/25 9:20pm
RELINQUISHED BY (SIGNATURE):	DATE/TIME	RECEIVED BY (SIGNATURE):	DATE/TIME
LOGGED IN BY (SIGNATURE):	DATE/TIME	ANALYZED BY (SIGNATURE):	DATE/TIME

2



1
15323 Myrtle Avenue West Elevation



2
East Elevation



3
South Elevation



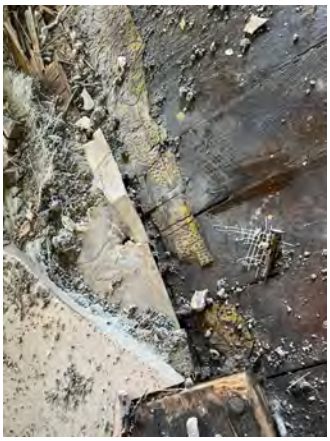
4
North Elevation



5
12"x12" Tan Ceramic Floor Tile & Adhesive (CFT1) in Kitchen, Bathrooms 1 &2, Hallway 1



6
Plaster (PL1)



7
Beige Linoleum & Mastic in Kitchen (LN1) Under CFT1



8
Yellow Linoleum & Mastic in Hallway 1 & Bathroom 1 (LN2) Under CFT1



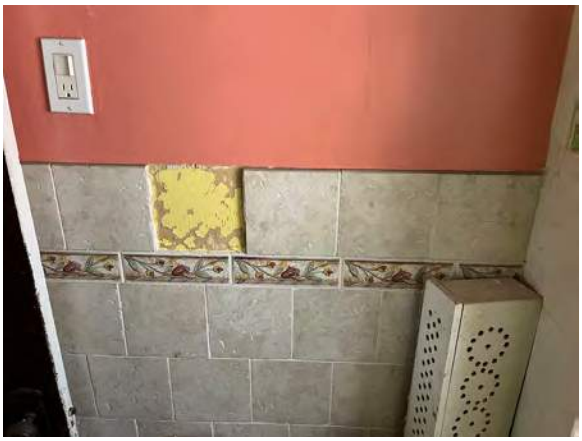
9
3"x3" White with Yellow Ceramic Wall Tile & Adhesive in Kitchen (CWT1)



10
Gray Floor Leveler Panel (FL1) in Kitchen, Hallway 1 and Bathroom 1 & 2



11
12"x6" White Ceramic Wall Tile & Adhesive on Bathroom Tub Walls (CWT3)



12
4"x4" Beige Ceramic Wall Tile & Adhesive in Bathroom (CWT2)



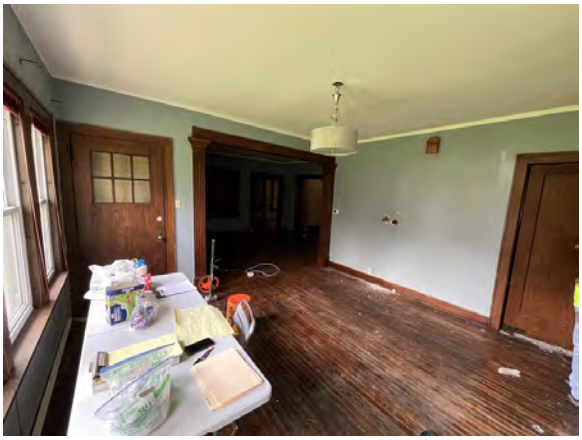
13
12"x12" White Ceiling Tile in Bedroom 2 (CT1)



14
Textured Paint South Dining Room Wall (TP1)



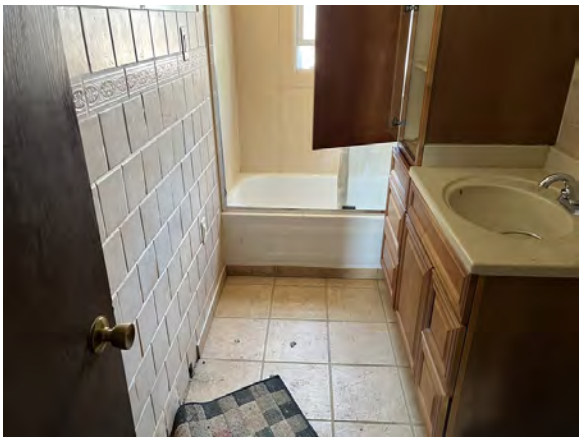
15
Textured Paint Bedroom 1 Ceiling (TP2)



16
Living Room



17
2nd Floor Hallway



18
Bathroom 1



19
Gypsum Board Interior Walls 2nd Floor (GB1)



20
2nd Floor Hallway



21
2'x2' White Pinhole & Squiggle Ceiling Tile in Hallway 2, Bedrooms 3 &4 (CT2)



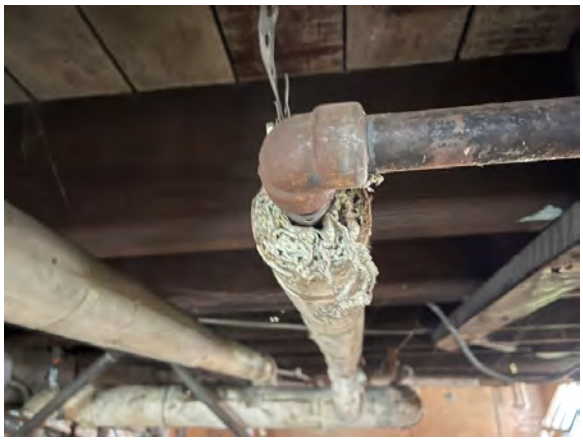
22
Tan Shingle and Felt/Tar Paper on Roof (SH1 & FP1)



23
Flue Brick & Mortar in Basement (FBM1)



24
Insulated Pipes in Basement



25
AIRCELL PIPE INSULATION IN BASEMENT (PI1)



26
PIPE FITTING HARDPACK INSULATION IN BASEMENT (PF1)



27
EXTERIOR BRICK & MORTAR (BM1)



28
SATELLITE DISH



29
PHONE BOX



30
FLUORESCENT LIGHT AND BALLAST ON 2ND FLOOR



31
Electric Meter (Actual Meter On Ground)



32
Gas Meter



33
Electric Panel



34
Baseboard Heater (Heating Element and Fins Removed)



35
HVAC



36
Light Fixture



37
LIGHT SCONCE



38
LIGHT FIXTURE



39
MICROWAVE



40
RADIO



41
DISHWASHER



42
CEILING FAN



43
CEILING FAN



44
CEILING FAN



45
SECURITY PANEL



46
THERMOSTAT



47
DOORBELL



48
BEDROOM 5

Lead Based Paint Inspection Report

For the Property Located at:



Upcoming Demolition Areas - House
15323 South Myrtle Avenue
Harvey, IL 60426

Prepared for:

Protecting Our Water Environment

Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street
Chicago, IL 60611

Inspected and Prepared By:

A3E, Inc.
3030 Warrenville Road, Suite 418
Lisle, IL 60532

Date Performed: May 2, 2025
Report Issued: May 14, 2025
Inspector: James W. Sundberg, IL1743

Upcoming Demolition Areas - House
15323 South Myrtle Avenue, Harvey, IL 60426

IDENTIFYING INFORMATION

A lead based paint (LBP) inspection was conducted on the potential demolition of the house at the property listed on the cover sheet. The property consisted of the following structures with general appearance and make.

One (1) Residence constructed in the 1920's. 2 Story brick house with pitched roof and concrete basement. House had a lot of original walls, ceilings, windows, doors, and woodwork.

A comprehensive LBP Inspection of accessible buildings and rooms was performed on this Property. The purpose of this inspection was to determine the presence or absence of Lead Based Paint (LBP), as defined by the United States Environmental Protection Agency (USEPA) and the Illinois Department of Public Health (IDPH). This inspection was conducted on May 2, 2025 by James W. Sundberg (License Number IL1743).

METHODOLOGY

Even though not applicable on this type of property, the protocol used for this inspection is based on the practices and procedures in the United States Department of Housing and Urban Development's (HUD) *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing*, 2012 Revision (HUD Guidelines) and the United States Environmental Protection Agency's (USEPA) 40 CFR Part 745 (*Lead; Identification of Dangerous Levels of Lead; Final Rule; January 5, 2001*), It should be noted that the Occupational Safety and Health Administration (OSHA) Lead in Construction Standard (29 CFR 1926.62) does not define Lead Based Paint (LBP). A modified, comprehensive inspection by building of building **WAS** performed. **Although all painted, varnished, and shellacked components on a room by room basis were tested, limited numbers of walls (about 2) per room were tested.**

The Inspection was conducted utilizing the Viken Detection (formerly Heuresis Pb200i XRF (Serial Number 2187). The XRF fieldwork was conducted in accordance with the guidelines outlined in the EPA Performance Characteristic Sheet (Attached). In addition, please note the report does not label locations as North, South, East, and West. It utilizes A, B, C, and D. For this report, Wall A corresponds to the West Wall (Street Address Side) in every room. Walls B, C, and D are labeled from Wall A in a clockwise manner. For this project, Wall A is to the West, Wall B is to the North, Wall C is to the East, and Wall D is to the South.

RESULTS

Component by component testing on a room by room basis was performed throughout the property. It was attempted to test all components that were painted, varnished, or shellacked. Some readings were above the United States Environmental Protection Agency (USEPA) and Illinois Department of Public Health (IDPH) Regulatory Level of 1.0 mg/cm². Table I, below, contains a summary of the generic components that tested POSITIVE for LBP on this property.

Since all accessible, painted components were tested, components not listed in Table I tested negative for LBP.

Beneath this Cover Letter are two reports that sort the **same** information different ways. The first is a Summary Report and the second is a Detailed Report. A Summary Report displays all readings that were at or above the USEPA and IDPH Regulatory Level of 1.0 mg/cm². The Detailed Report lists all the readings, by room, that were taken during the inspection. Positive readings are displayed in a red color, negative readings are blue in color, and calibration readings are black.

TABLE I
GENERIC COMPONENTS POSITIVE FOR LBP

ROOM	COMPONENT
Exterior Front Porch and Back Porch	Wood Ceiling, Floor, and Support Beams and Columns
Exterior House	Walls A and D Wood Jambs, Casings, and Threshold
	Wood Window Components (including under Aluminum)
	Wood Soffits and Fascia (Assumed to be under Aluminum)
Interior Front Porch, 1 Bedroom 2, and Stairs to Basement	Plaster Walls and Ceiling
Interior Basement	Brick Chimney
	Wood Support Columns and Beams
	Wood Stair Components
	Wood Window Components
	Wood Laundry Shoot Walls

All Components in some form of deteriorated condition.

APPLICABLE REGULATIONS

WORKER PROTECTION (OSHA)

The United States Occupational Safety and Health Administration (OSHA) considers lead in paint to be any detectable level of lead concentration to be a concern during renovation and demolition activities, as indicated in the OSHA Lead in Construction Standard (29 CFR 1926.62). The purpose of the OSHA Lead in Construction Standard is to protect construction workers from exposure to lead dust and fumes. OSHA is primarily concerned with activities that disturb paints with "detectable" amounts of lead. Several painted surfaces at the property were determined to contain lead above the OSHA level of concern.

The most effective way to determine if lead dust will be a health concern during renovation is to conduct a Negative Initial Determination (NID) to determine if the amount of generated lead dust would exceed the Permissible Exposure Limit (PEL) for lead dust or fumes. In general, an NID is a measurement of a known, airborne contaminant (e.g., lead) over period of eight hours. If the amount of airborne lead in the area is less than the PEL (as calculated by a qualified laboratory) than workers would be allowed to perform the work without Respirators and Personal Protective Equipment (PPE).

1) the NID information is given to the contractor and s/he agrees to it;
2) the contractor does not deviate from the process that was measured during the NID; and
3) The NID has been performed within the previous 12 months.

RECOMMENDATIONS

In summary, multiple building components were identified as coated with LBP at this property. Most of the LBP was in some form of deteriorated condition and some of the LBP was significantly damaged as noted in Table 1.

It is recommended that the findings of this LBP inspection report be provided to the demolition contractor with direction to perform the demolition work in a manner that complies with the OSHA Lead Standard for worker protection. The demolition work should also be performed in accordance with all other applicable lead related regulations.

SUPPORT INFORMATION

Enclosed in this document, besides inspection reports, are copies of the Lead Paint Risk Assessor's (Inspector) Illinois Department of Public Health (IDPH) License, and the XRF Performance Characteristic Sheets (PCS).

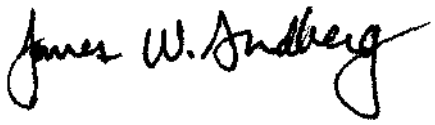
Upcoming Demolition Areas - House
15323 South Myrtle Avenue, Harvey, IL 60426

The undersigned has performed the Client-requested tasks listed above in a thorough and professional manner consistent with commonly accepted standard industry practices using state of the art practices and best available known technology as of the day of the assessment. We cannot guarantee and do not warrant that the LBP Testing has identified all adverse environmental factors and/or conditions affecting the subject property on the date of the Assessment. We cannot and will not warrant that that assessment testing that was requested by the client will satisfy the dictates of, or provide a legal defense in connection with, any environmental laws or regulations. It is the responsibility of the client to know and abide by all applicable laws, regulations, and standards.

This inspection is solely for the benefit of the client. The results and opinions in this report, based solely upon the conditions found on the property as of the date of the Assessment, will be valid only as of the date of the Assessment. We assume no obligation to advise the client of any changes in any real or potential Lead hazards at this property that may or may not be later brought to our attention.

Thanks again for the opportunity to serve you with this project. Should questions or comments arise, please do not hesitate in contacting me at (630) 514-4108.

Sincerely,



James W. Sundberg
Lead Risk Assessor/Inspector (IL1743)

Upcoming Demolition Areas - House
15323 South Myrtle Avenue, Harvey, IL 60426

LBP SUMMARY REPORT

Summary Lead Based Paint Inspection

Inspection Date:	5/2/2025 - 5/2/2025	Inspection Site:	Vacant House 15323 Myrtle Avenue Harvey, IL 60426
Action Level:	1.0 (mg/cm²)		
Total Readings:	44		
Unit Started:	05/02/2025 11:04:40		
Unit Ended:	05/02/2025 12:15:00		

Read #	Result	RTA Present	Room	-->RoomChoice	Structure	-->Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
148 (CAL)		Off	Calibration								1.0 mg/cm²	Action Level (1.0)
149 (CAL)		Off	Calibration								0.9 mg/cm²	Action Level (1.0)
150 (CAL)		Off	Calibration								0.9 mg/cm²	Action Level (1.0)
151 (CAL)		Off	Calibration								0.0 mg/cm²	Action Level (1.0)
152 (CAL)		Off	Calibration								0.0 mg/cm²	Action Level (1.0)
153 (CAL)		Off	Calibration								0.0 mg/cm²	Action Level (1.0)
155	Positive	Off	Exterior	Front Porch	Support	Beam	Wood	A	Right	Deteriorated	3.2 mg/cm²	Action Level (1.0)
156	Positive	Off	Exterior	Front Porch	Ceiling		Wood	C		Deteriorated	3.5 mg/cm²	Action Level (1.0)
157	Positive	Off	Exterior	Front Porch	Floor		Wood	C		Deteriorated	3.4 mg/cm²	Action Level (1.0)
160	Positive	Off	Exterior	House	Door	Jamb	Wood	A	Right	Deteriorated	16.6 mg/cm²	Action Level (1.0)
161	Positive	Off	Exterior	House	Door	Casing	Wood	A	Right	Deteriorated	16.8 mg/cm²	Action Level (1.0)
162	Positive	Off	Exterior	House	Door	Threshold	Wood	A	Right	Deteriorated	16.3 mg/cm²	Action Level (1.0)

A 3 E

Summary Lead Based Paint Inspection

Inspection Date: 5/2/2025 - 5/2/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 44
Unit Started: 05/02/2025 11:04:40
Unit Ended: 05/02/2025 12:15:00

Inspection Site: Vacant House
15323 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-- >RoomChoice	Structure	-- >Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
163	Positive	Off	Exterior	House	Basement	Sill	Wood	B	Right	Deteriorated	17.0 mg/cm²	Action Level (1.0)
164	Positive	Off	Exterior	House	Basement	Casing	Wood	B	Right	Deteriorated	17.2 mg/cm²	Action Level (1.0)
165	Positive	Off	Exterior	House	Basement	Sash	Wood	B	Right	Deteriorated	17.6 mg/cm²	Action Level (1.0)
166	Positive	Off	Exterior	House	Window	Sash	Wood	B	Right	Deteriorated	1.2 mg/cm²	Action Level (1.0)
169	Positive	Off	Exterior	Back Porch	Support	Column	Wood	D	Right	Deteriorated	1.0 mg/cm²	Action Level (1.0)
170	Positive	Off	Exterior	Back Porch	Support	Beam	Wood	D	Right	Deteriorated	1.1 mg/cm²	Action Level (1.0)
171	Positive	Off	Exterior	Back Porch	Ceiling		Wood	B		Deteriorated	1.1 mg/cm²	Action Level (1.0)
173	Positive	Off	Exterior	House	Door	Threshold	Wood	D	Right	Deteriorated	4.1 mg/cm²	Action Level (1.0)
174	Positive	Off	Exterior	House	Door	Jamb	Wood	D	Right	Deteriorated	4.1 mg/cm²	Action Level (1.0)
175	Positive	Off	Exterior	House	Door	Casing	Wood	D	Right	Deteriorated	3.9 mg/cm²	Action Level (1.0)
212	Positive	Off	Interior	Front Porch	Ceiling		Plaster	B		Deteriorated	2.1 mg/cm²	Action Level (1.0)
213	Positive	Off	Interior	Front Porch	Wall		Plaster	B	LC	Deteriorated	1.4 mg/cm²	Action Level (1.0)

Summary Lead Based Paint Inspection

Inspection Date: 5/2/2025 - 5/2/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 44
Unit Started: 05/02/2025 11:04:40
Unit Ended: 05/02/2025 12:15:00

Inspection Site: Vacant House
15323 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-->RoomChoice	Structure	-->Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
214	Positive	Off	Interior	Front Porch	Wall		Plaster	A	UR	Deteriorated	1.7 mg/cm²	Action Level (1.0)
231	Positive	Off	Interior	1 Bedroom 2	Wall		Plaster	A	UC	Deteriorated	1.0 mg/cm²	Action Level (1.0)
233	Positive	Off	Interior	1 Bedroom 2	Ceiling		Plaster	B		Deteriorated	1.0 mg/cm²	Action Level (1.0)
292	Positive	Off	Interior	Basement	Ceiling		Plaster	C		Deteriorated	2.7 mg/cm²	Action Level (1.0)
293	Positive	Off	Interior	Basement	Wall		Plaster	D	UC	Deteriorated	2.7 mg/cm²	Action Level (1.0)
294	Positive	Off	Interior	Basement	Wall		Plaster	B	UC	Deteriorated	2.5 mg/cm²	Action Level (1.0)
295	Positive	Off	Interior	Basement	Chimney		Brick	C	Center	Deteriorated	6.1 mg/cm²	Action Level (1.0)
296	Positive	Off	Interior	Basement	Support	Beam	Wood	C	Center	Deteriorated	6.2 mg/cm²	Action Level (1.0)
297	Positive	Off	Interior	Basement	Support	Column	Wood	C	Center	Deteriorated	6.0 mg/cm²	Action Level (1.0)
298	Positive	Off	Interior	Basement	Stair	Tread	Wood	C	Center	Deteriorated	6.0 mg/cm²	Action Level (1.0)
299	Positive	Off	Interior	Basement	Stair	Stringer	Wood	C	Center	Deteriorated	5.4 mg/cm²	Action Level (1.0)
300	Positive	Off	Interior	Basement	Window	Sash	Wood	D	Left	Deteriorated	1.7 mg/cm²	Action Level (1.0)

Summary Lead Based Paint Inspection

Inspection Date:	5/2/2025 - 5/2/2025	Inspection Site:	Vacant House 15323 Myrtle Avenue Harvey, IL 60426
Action Level:	1.0 (mg/cm²)		
Total Readings:	44		
Unit Started:	05/02/2025 11:04:40		
Unit Ended:	05/02/2025 12:15:00		

Read #	Result	RTA Present	Room	-- >RoomChoice	Structure	-- >Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
301	Positive	Off	Interior	Basement	Window	Casing	Wood	D	Left	Deteriorated	1.7 mg/cm²	Action Level (1.0)
306	Positive	Off	Interior	Basement	Laundry	Shoot	Wood	C	Center	Deteriorated	4.7 mg/cm²	Action Level (1.0)
308 (CAL)		Off	Calibration								1.0 mg/cm²	Action Level (1.0)
309 (CAL)		Off	Calibration								1.0 mg/cm²	Action Level (1.0)
310 (CAL)		Off	Calibration								1.0 mg/cm²	Action Level (1.0)
311 (CAL)		Off	Calibration								0.0 mg/cm²	Action Level (1.0)
312 (CAL)		Off	Calibration								0.0 mg/cm²	Action Level (1.0)
313 (CAL)		Off	Calibration								0.0 mg/cm²	Action Level (1.0)

------ END OF READINGS ------

A 3 E

Upcoming Demolition Areas - House
15323 South Myrtle Avenue, Harvey, IL 60426

LBP DETAILED REPORT

Detailed Lead Based Paint Inspection

Inspection Date:	5/2/2025 - 5/2/2025	Inspection Site:	Vacant House 15323 Myrtle Avenue Harvey, IL 60426
Action Level:	1.0 (mg/cm²)		
Total Readings:	166		
Unit Started:	05/02/2025 11:04:40		
Unit Ended:	05/02/2025 12:15:00		

Read #	Result	RTA Present	Room	-->RoomChoice	Structure	-->Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
148 (CAL)		Off	Calibration								1.0 mg/cm²	Action Level (1.0)
149 (CAL)		Off	Calibration								0.9 mg/cm²	Action Level (1.0)
150 (CAL)		Off	Calibration								0.9 mg/cm²	Action Level (1.0)
151 (CAL)		Off	Calibration								0.0 mg/cm²	Action Level (1.0)
152 (CAL)		Off	Calibration								0.0 mg/cm²	Action Level (1.0)
153 (CAL)		Off	Calibration								0.0 mg/cm²	Action Level (1.0)
154	Negative	Off	Exterior	Front Porch	Railing		Metal	A	Right	Deteriorated	0.1 mg/cm²	Action Level (1.0)
155	Positive	Off	Exterior	Front Porch	Support	Beam	Wood	A	Right	Deteriorated	3.2 mg/cm²	Action Level (1.0)
156	Positive	Off	Exterior	Front Porch	Ceiling		Wood	C		Deteriorated	3.5 mg/cm²	Action Level (1.0)
157	Positive	Off	Exterior	Front Porch	Floor		Wood	C		Deteriorated	3.4 mg/cm²	Action Level (1.0)
158	Negative	Off	Exterior	Front Porch	Trim		Stone	A	Right	Deteriorated	0.0 mg/cm²	Action Level (1.0)
159	Negative	Off	Exterior	House	Door	Panel	Wood	A	Right	Deteriorated	0.1 mg/cm²	Action Level (1.0)

Detailed Lead Based Paint Inspection

Inspection Date: 5/2/2025 - 5/2/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 166
Unit Started: 05/02/2025 11:04:40
Unit Ended: 05/02/2025 12:15:00

Inspection Site: Vacant House
15323 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-->RoomChoice	Structure	-->Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
160	Positive	Off	Exterior	House	Door	Jamb	Wood	A	Right	Deteriorated	16.6 mg/cm²	Action Level (1.0)
161	Positive	Off	Exterior	House	Door	Casing	Wood	A	Right	Deteriorated	16.8 mg/cm²	Action Level (1.0)
162	Positive	Off	Exterior	House	Door	Threshold	Wood	A	Right	Deteriorated	16.3 mg/cm²	Action Level (1.0)
163	Positive	Off	Exterior	House	Basement	Sill	Wood	B	Right	Deteriorated	17.0 mg/cm²	Action Level (1.0)
164	Positive	Off	Exterior	House	Basement	Casing	Wood	B	Right	Deteriorated	17.2 mg/cm²	Action Level (1.0)
165	Positive	Off	Exterior	House	Basement	Sash	Wood	B	Right	Deteriorated	17.6 mg/cm²	Action Level (1.0)
166	Positive	Off	Exterior	House	Window	Sash	Wood	B	Right	Deteriorated	1.2 mg/cm²	Action Level (1.0)
167	Negative	Off	Exterior	Back Porch	Sill Plate		Wood	D	Center	Deteriorated	0.4 mg/cm²	Action Level (1.0)
168	Negative	Off	Exterior	Back Porch	Railing		Wood	D	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
169	Positive	Off	Exterior	Back Porch	Support	Column	Wood	D	Right	Deteriorated	1.0 mg/cm²	Action Level (1.0)
170	Positive	Off	Exterior	Back Porch	Support	Beam	Wood	D	Right	Deteriorated	1.1 mg/cm²	Action Level (1.0)
171	Positive	Off	Exterior	Back Porch	Ceiling		Wood	B		Deteriorated	1.1 mg/cm²	Action Level (1.0)

Detailed Lead Based Paint Inspection

Inspection Date: 5/2/2025 - 5/2/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 166
Unit Started: 05/02/2025 11:04:40
Unit Ended: 05/02/2025 12:15:00

Inspection Site: Vacant House
15323 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-- >RoomChoice	Structure	-- >Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
172	Negative	Off	Exterior	Back Porch	Floor		Wood	B		Deteriorated	0.0 mg/cm²	Action Level (1.0)
173	Positive	Off	Exterior	House	Door	Threshold	Wood	D	Right	Deteriorated	4.1 mg/cm²	Action Level (1.0)
174	Positive	Off	Exterior	House	Door	Jamb	Wood	D	Right	Deteriorated	4.1 mg/cm²	Action Level (1.0)
175	Positive	Off	Exterior	House	Door	Casing	Wood	D	Right	Deteriorated	3.9 mg/cm²	Action Level (1.0)
176	Negative	Off	Exterior	House	Door	Panel	Wood	D	Right	Deteriorated	0.0 mg/cm²	Action Level (1.0)
177	Negative	Off	Interior	Kitchen	Wall		Plaster	A	UL	Deteriorated	0.6 mg/cm²	Action Level (1.0)
178	Negative	Off	Interior	Kitchen	Wall		Plaster	D	LR	Deteriorated	0.7 mg/cm²	Action Level (1.0)
179	Negative	Off	Interior	Kitchen	Wall		Drywall	C	UL	Deteriorated	0.0 mg/cm²	Action Level (1.0)
180	Negative	Off	Interior	Kitchen	Wall		Drywall	B	UC	Deteriorated	0.0 mg/cm²	Action Level (1.0)
181	Negative	Off	Interior	Kitchen	Ceiling		Drywall	B		Deteriorated	0.0 mg/cm²	Action Level (1.0)
182	Negative	Off	Interior	Kitchen	Window	Sill	Wood	C	Left	Deteriorated	0.7 mg/cm²	Action Level (1.0)
183	Negative	Off	Interior	Kitchen	Window	Casing	Wood	C	Left	Deteriorated	0.6 mg/cm²	Action Level (1.0)

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Detailed Lead Based Paint Inspection

Inspection Date: 5/2/2025 - 5/2/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 166
Unit Started: 05/02/2025 11:04:40
Unit Ended: 05/02/2025 12:15:00

Inspection Site: Vacant House
15323 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-- >RoomChoice	Structure	-- >Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
184	Negative	Off	Interior	Kitchen	Door	Panel	Plaster	D	Left	Deteriorated	0.6 mg/cm²	Action Level (1.0)
185	Negative	Off	Interior	Kitchen	Door	Casing	Plaster	D	Left	Deteriorated	0.7 mg/cm²	Action Level (1.0)
186	Negative	Off	Interior	Kitchen	Cabinet		Wood	D	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
187	Negative	Off	Interior	1 Dining Room	Floor		Wood	D		Deteriorated	0.0 mg/cm²	Action Level (1.0)
188	Negative	Off	Interior	1 Dining Room	Baseboard		Wood	A	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
189	Negative	Off	Interior	1 Dining Room	Door	Panel	Wood	A	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
190	Negative	Off	Interior	1 Dining Room	Door	Casing	Wood	A	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
191	Negative	Off	Interior	1 Dining Room	Window	Sill	Wood	D	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
192	Negative	Off	Interior	1 Dining Room	Window	Casing	Wood	D	Left	Deteriorated	0.1 mg/cm²	Action Level (1.0)
193	Negative	Off	Interior	1 Dining Room	Crown Mold		Wood	D	Left	Deteriorated	0.1 mg/cm²	Action Level (1.0)
194	Negative	Off	Interior	1 Dining Room	Ceiling		Plaster	D		Deteriorated	0.4 mg/cm²	Action Level (1.0)
195	Negative	Off	Interior	1 Dining Room	Wall		Plaster	D	UC	Deteriorated	0.4 mg/cm²	Action Level (1.0)

Detailed Lead Based Paint Inspection

Inspection Date: 5/2/2025 - 5/2/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 166
Unit Started: 05/02/2025 11:04:40
Unit Ended: 05/02/2025 12:15:00

Inspection Site: Vacant House
15323 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-->RoomChoice	Structure	-->Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
196	Negative	Off	Interior	1 Dining Room	Wall		Plaster	C	LC	Deteriorated	0.4 mg/cm²	Action Level (1.0)
197	Negative	Off	Interior	1 Dining Room	Radiator	Cover	Metal	D	Center	Deteriorated	0.2 mg/cm²	Action Level (1.0)
198	Negative	Off	Interior	1 Living Room	Radiator	Cover	Metal	A	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
199	Negative	Off	Interior	1 Living Room	Ceiling		Plaster	A		Deteriorated	0.6 mg/cm²	Action Level (1.0)
200	Negative	Off	Interior	1 Living Room	Wall		Plaster	A	UL	Deteriorated	0.6 mg/cm²	Action Level (1.0)
201	Negative	Off	Interior	1 Living Room	Wall		Plaster	D	UC	Deteriorated	0.5 mg/cm²	Action Level (1.0)
202	Negative	Off	Interior	1 Living Room	Mantel		Wood	D	Center	Deteriorated	0.1 mg/cm²	Action Level (1.0)
203	Negative	Off	Interior	1 Living Room	Window	Sill	Wood	D	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
204	Negative	Off	Interior	1 Living Room	Window	Sash	Wood	D	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
205	Negative	Off	Interior	1 Living Room	Window	Casing	Wood	D	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
206	Negative	Off	Interior	1 Living Room	Door	Panel	Wood	A	Right	Deteriorated	0.0 mg/cm²	Action Level (1.0)
207	Negative	Off	Interior	1 Living Room	Door	Jamb	Wood	A	Right	Deteriorated	0.0 mg/cm²	Action Level (1.0)

Detailed Lead Based Paint Inspection

Inspection Date: 5/2/2025 - 5/2/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 166
Unit Started: 05/02/2025 11:04:40
Unit Ended: 05/02/2025 12:15:00

Inspection Site: Vacant House
15323 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-->RoomChoice	Structure	-->Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
208	Negative	Off	Interior	1 Living Room	Baseboard		Wood	A	Right	Deteriorated	0.0 mg/cm²	Action Level (1.0)
209	Negative	Off	Interior	1 Living Room	Floor		Wood	A		Deteriorated	0.0 mg/cm²	Action Level (1.0)
210	Negative	Off	Interior	1 Living Room	Crown Mold		Wood	A	Right	Deteriorated	0.0 mg/cm²	Action Level (1.0)
211	Negative	Off	Interior	Front Porch	Crown Mold		Wood	B	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
212	Positive	Off	Interior	Front Porch	Ceiling		Plaster	B		Deteriorated	2.1 mg/cm²	Action Level (1.0)
213	Positive	Off	Interior	Front Porch	Wall		Plaster	B	LC	Deteriorated	1.4 mg/cm²	Action Level (1.0)
214	Positive	Off	Interior	Front Porch	Wall		Plaster	A	UR	Deteriorated	1.7 mg/cm²	Action Level (1.0)
215	Negative	Off	Interior	Front Porch	Radiator	Cover	Metal	A	Right	Deteriorated	0.1 mg/cm²	Action Level (1.0)
216	Negative	Off	Interior	Front Porch	Window	Sill	Wood	A	Right	Deteriorated	0.0 mg/cm²	Action Level (1.0)
217	Negative	Off	Interior	Front Porch	Window	Casing	Wood	A	Right	Deteriorated	0.0 mg/cm²	Action Level (1.0)
218	Negative	Off	Interior	Front Porch	Baseboard		Wood	A	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
219	Negative	Off	Interior	Front Porch	Door	Panel	Wood	D	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)

Detailed Lead Based Paint Inspection

Inspection Date: 5/2/2025 - 5/2/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 166
Unit Started: 05/02/2025 11:04:40
Unit Ended: 05/02/2025 12:15:00

Inspection Site: Vacant House
15323 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-->RoomChoice	Structure	-->Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
220	Negative	Off	Interior	Front Porch	Door	Jamb	Wood	D	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
221	Negative	Off	Interior	1 Bedroom 1	Door	Jamb	Wood	C	Right	Deteriorated	0.0 mg/cm²	Action Level (1.0)
222	Negative	Off	Interior	1 Bedroom 1	Door	Panel	Wood	C	Right	Deteriorated	0.0 mg/cm²	Action Level (1.0)
223	Negative	Off	Interior	1 Bedroom 1	Floor		Wood	B		Deteriorated	0.0 mg/cm²	Action Level (1.0)
224	Negative	Off	Interior	1 Bedroom 1	Baseboard		Wood	B	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
225	Negative	Off	Interior	1 Bedroom 1	Window	Sill	Wood	B	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
226	Negative	Off	Interior	1 Bedroom 1	Window	Casing	Wood	B	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
227	Negative	Off	Interior	1 Bedroom 1	Crown Mold		Wood	B	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
228	Negative	Off	Interior	1 Bedroom 1	Ceiling		Plaster	B		Deteriorated	0.0 mg/cm²	Action Level (1.0)
229	Negative	Off	Interior	1 Bedroom 1	Wall		Plaster	B	UC	Deteriorated	0.1 mg/cm²	Action Level (1.0)
230	Negative	Off	Interior	1 Bedroom 1	Wall		Plaster	A	LC	Deteriorated	0.1 mg/cm²	Action Level (1.0)
231	Positive	Off	Interior	1 Bedroom 2	Wall		Plaster	A	UC	Deteriorated	1.0 mg/cm²	Action Level (1.0)

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Detailed Lead Based Paint Inspection

Inspection Date: 5/2/2025 - 5/2/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 166
Unit Started: 05/02/2025 11:04:40
Unit Ended: 05/02/2025 12:15:00

Inspection Site: Vacant House
15323 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-- >RoomChoice	Structure	-- >Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
232	Negative	Off	Interior	1 Bedroom 2	Wall		Plaster	B	UL	Deteriorated	0.9 mg/cm²	Action Level (1.0)
233	Positive	Off	Interior	1 Bedroom 2	Ceiling		Plaster	B		Deteriorated	1.0 mg/cm²	Action Level (1.0)
234	Negative	Off	Interior	1 Bedroom 2	Crown Mold		Wood	B	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
235	Negative	Off	Interior	1 Bedroom 2	Window	Sill	Wood	B	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
236	Negative	Off	Interior	1 Bedroom 2	Window	Casing	Wood	B	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
237	Negative	Off	Interior	1 Bedroom 2	Baseboard		Wood	C	Right	Deteriorated	0.0 mg/cm²	Action Level (1.0)
238	Negative	Off	Interior	1 Bedroom 2	Door	Panel	Wood	C	Right	Deteriorated	0.0 mg/cm²	Action Level (1.0)
239	Negative	Off	Interior	1 Bedroom 2	Door	Jamb	Wood	C	Right	Deteriorated	0.1 mg/cm²	Action Level (1.0)
240	Negative	Off	Interior	1 Bedroom 2	Radiator	Cover	Metal	C	Left	Deteriorated	0.1 mg/cm²	Action Level (1.0)
241	Negative	Off	Interior	1 Hallway	Ceiling		Plaster	C		Deteriorated	0.8 mg/cm²	Action Level (1.0)
242	Negative	Off	Interior	1 Hallway	Wall		Plaster	C	UC	Deteriorated	0.5 mg/cm²	Action Level (1.0)
243	Negative	Off	Interior	1 Hallway	Wall		Plaster	B	UC	Deteriorated	0.5 mg/cm²	Action Level (1.0)

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Detailed Lead Based Paint Inspection

Inspection Date: 5/2/2025 - 5/2/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 166
Unit Started: 05/02/2025 11:04:40
Unit Ended: 05/02/2025 12:15:00

Inspection Site: Vacant House
15323 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-->RoomChoice	Structure	-->Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
244	Negative	Off	Interior	1 Hallway	Baseboard		Wood	C	Right	Deteriorated	0.6 mg/cm²	Action Level (1.0)
245	Negative	Off	Interior	1 Hallway	Door	Panel	Wood	C	Right	Deteriorated	0.0 mg/cm²	Action Level (1.0)
246	Negative	Off	Interior	1 Hallway	Door	Jamb	Wood	C	Right	Deteriorated	0.0 mg/cm²	Action Level (1.0)
247	Negative	Off	Interior	1 Hallway	Corner	Guard	Wood	A	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
248	Negative	Off	Interior	1 Bathroom	Door	Panel	Wood	D	Right	Deteriorated	0.0 mg/cm²	Action Level (1.0)
249	Negative	Off	Interior	1 Bathroom	Door	Jamb	Wood	D	Right	Deteriorated	0.0 mg/cm²	Action Level (1.0)
250	Negative	Off	Interior	1 Bathroom	Cabinet		Wood	C	Center	Deteriorated	0.2 mg/cm²	Action Level (1.0)
251	Negative	Off	Interior	1 Bathroom	Ceiling		Plaster	C		Deteriorated	0.3 mg/cm²	Action Level (1.0)
252	Negative	Off	Interior	1 Bathroom	Wall		Plaster	C	UC	Deteriorated	0.5 mg/cm²	Action Level (1.0)
253	Negative	Off	Interior	1 Bathroom	Wall		Plaster	D	UC	Deteriorated	0.6 mg/cm²	Action Level (1.0)
254	Negative	Off	Interior	1 Bathroom	Wall		Drywall	B	UC	Deteriorated	0.5 mg/cm²	Action Level (1.0)
255	Negative	Off	Interior	1 Bedroom 3	Wall		Plaster	A	LC	Deteriorated	0.9 mg/cm²	Action Level (1.0)

Detailed Lead Based Paint Inspection

Inspection Date: 5/2/2025 - 5/2/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 166
Unit Started: 05/02/2025 11:04:40
Unit Ended: 05/02/2025 12:15:00

Inspection Site: Vacant House
15323 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-- >RoomChoice	Structure	-- >Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
256	Negative	Off	Interior	1 Bedroom 3	Wall		Plaster	B	LC	Deteriorated	0.8 mg/cm²	Action Level (1.0)
257	Negative	Off	Interior	1 Bedroom 3	Ceiling		Ceiling Tile	B		Deteriorated	0.1 mg/cm²	Action Level (1.0)
258	Negative	Off	Interior	1 Bedroom 3	Radiator	Cover	Metal	B	Left	Deteriorated	0.2 mg/cm²	Action Level (1.0)
259	Negative	Off	Interior	1 Bedroom 3	Window	Sill	Wood	B	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
260	Negative	Off	Interior	1 Bedroom 3	Window	Casing	Wood	B	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
261	Negative	Off	Interior	1 Bedroom 3	Baseboard		Wood	A	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
262	Negative	Off	Interior	1 Bedroom 3	Door	Panel	Wood	A	Left	Deteriorated	0.1 mg/cm²	Action Level (1.0)
263	Negative	Off	Interior	1 Bedroom 3	Door	Jamb	Wood	A	Left	Deteriorated	0.1 mg/cm²	Action Level (1.0)
264	Negative	Off	Interior	2 Hallway	Door	Casing	Wood	B	Center	Deteriorated	0.1 mg/cm²	Action Level (1.0)
265	Negative	Off	Interior	2 Hallway	Door	Panel	Wood	B	Center	Deteriorated	0.1 mg/cm²	Action Level (1.0)
266	Negative	Off	Interior	2 Hallway	Baseboard		Wood	B	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
267	Negative	Off	Interior	2 Hallway	Wall		Drywall	B	LL	Deteriorated	0.1 mg/cm²	Action Level (1.0)

Detailed Lead Based Paint Inspection

Inspection Date: 5/2/2025 - 5/2/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 166
Unit Started: 05/02/2025 11:04:40
Unit Ended: 05/02/2025 12:15:00

Inspection Site: Vacant House
15323 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-- >RoomChoice	Structure	-- >Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
268	Negative	Off	Interior	2 Hallway	Wall		Drywall	A	UL	Deteriorated	0.0 mg/cm²	Action Level (1.0)
269	Negative	Off	Interior	2 South Bedroom	Wall		Drywall	C	UC	Deteriorated	0.0 mg/cm²	Action Level (1.0)
270	Negative	Off	Interior	2 South Bedroom	Wall		Drywall	D	LL	Deteriorated	0.0 mg/cm²	Action Level (1.0)
271	Negative	Off	Interior	2 South Bedroom	Radiator	Cover	Metal	D	Left	Deteriorated	0.1 mg/cm²	Action Level (1.0)
272	Negative	Off	Interior	2 South Bedroom	Door	Panel	Wood	B	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
273	Negative	Off	Interior	2 South Bedroom	Door	Jamb	Wood	B	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
274	Negative	Off	Interior	2 West Bedroom	Door	Casing	Wood	C	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
275	Negative	Off	Interior	2 West Bedroom	Door	Panel	Wood	C	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
276	Negative	Off	Interior	2 West Bedroom	Window	Sill	Wood	A	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
277	Negative	Off	Interior	2 West Bedroom	Window	Casing	Wood	A	Center	Deteriorated	0.1 mg/cm²	Action Level (1.0)
278	Negative	Off	Interior	2 West Bedroom	Wall		Drywall	A	UL	Deteriorated	0.1 mg/cm²	Action Level (1.0)
279	Negative	Off	Interior	2 West Bedroom	Wall		Drywall	C	UC	Deteriorated	0.0 mg/cm²	Action Level (1.0)

Detailed Lead Based Paint Inspection

Inspection Date: 5/2/2025 - 5/2/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 166
Unit Started: 05/02/2025 11:04:40
Unit Ended: 05/02/2025 12:15:00

Inspection Site: Vacant House
15323 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-->RoomChoice	Structure	-->Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
280	Negative	Off	Interior	2 West Bedroom	Ceiling		Drywall	C		Deteriorated	0.0 mg/cm²	Action Level (1.0)
281	Negative	Off	Interior	2 North Bedroom	Wall		Drywall	A	LC	Deteriorated	0.0 mg/cm²	Action Level (1.0)
282	Negative	Off	Interior	2 North Bedroom	Wall		Drywall	B	LC	Deteriorated	0.0 mg/cm²	Action Level (1.0)
283	Negative	Off	Interior	2 North Bedroom	Radiator	Cover	Metal	B	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
284	Negative	Off	Interior	2 North Bedroom	Door	Panel	Wood	D	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
285	Negative	Off	Interior	2 North Bedroom	Door	Jamb	Wood	D	Left	Deteriorated	0.0 mg/cm²	Action Level (1.0)
286	Negative	Off	Interior	2 Bathroom	Door	Casing	Wood	D	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
287	Negative	Off	Interior	2 Bathroom	Door	Panel	Wood	D	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
288	Negative	Off	Interior	2 Bathroom	Cabinet		Wood	C	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
289	Negative	Off	Interior	2 Bathroom	Wall		Drywall	C	UC	Deteriorated	0.0 mg/cm²	Action Level (1.0)
290	Negative	Off	Interior	2 Bathroom	Wall		Drywall	B	LC	Deteriorated	0.0 mg/cm²	Action Level (1.0)
291	Negative	Off	Interior	2 Bathroom	Ceiling		Drywall	B		Deteriorated	0.0 mg/cm²	Action Level (1.0)

Detailed Lead Based Paint Inspection

Inspection Date: 5/2/2025 - 5/2/2025
Action Level: 1.0 (mg/cm²)
Total Readings: 166
Unit Started: 05/02/2025 11:04:40
Unit Ended: 05/02/2025 12:15:00

Inspection Site: Vacant House
15323 Myrtle Avenue
Harvey, IL 60426

Read #	Result	RTA Present	Room	-->RoomChoice	Structure	-->Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
292	Positive	Off	Interior	Basement	Ceiling		Plaster	C		Deteriorated	2.7 mg/cm²	Action Level (1.0)
293	Positive	Off	Interior	Basement	Wall		Plaster	D	UC	Deteriorated	2.7 mg/cm²	Action Level (1.0)
294	Positive	Off	Interior	Basement	Wall		Plaster	B	UC	Deteriorated	2.5 mg/cm²	Action Level (1.0)
295	Positive	Off	Interior	Basement	Chimney		Brick	C	Center	Deteriorated	6.1 mg/cm²	Action Level (1.0)
296	Positive	Off	Interior	Basement	Support	Beam	Wood	C	Center	Deteriorated	6.2 mg/cm²	Action Level (1.0)
297	Positive	Off	Interior	Basement	Support	Column	Wood	C	Center	Deteriorated	6.0 mg/cm²	Action Level (1.0)
298	Positive	Off	Interior	Basement	Stair	Tread	Wood	C	Center	Deteriorated	6.0 mg/cm²	Action Level (1.0)
299	Positive	Off	Interior	Basement	Stair	Stringer	Wood	C	Center	Deteriorated	5.4 mg/cm²	Action Level (1.0)
300	Positive	Off	Interior	Basement	Window	Sash	Wood	D	Left	Deteriorated	1.7 mg/cm²	Action Level (1.0)
301	Positive	Off	Interior	Basement	Window	Casing	Wood	D	Left	Deteriorated	1.7 mg/cm²	Action Level (1.0)
302	Negative	Off	Interior	Basement	Wall		Concrete	D	LC	Deteriorated	0.1 mg/cm²	Action Level (1.0)
303	Negative	Off	Interior	Basement	Wall		Concrete	B	LC	Deteriorated	0.2 mg/cm²	Action Level (1.0)

Detailed Lead Based Paint Inspection

Inspection Date:	5/2/2025 - 5/2/2025	Inspection Site:	Vacant House 15323 Myrtle Avenue Harvey, IL 60426
Action Level:	1.0 (mg/cm²)		
Total Readings:	166		
Unit Started:	05/02/2025 11:04:40		
Unit Ended:	05/02/2025 12:15:00		

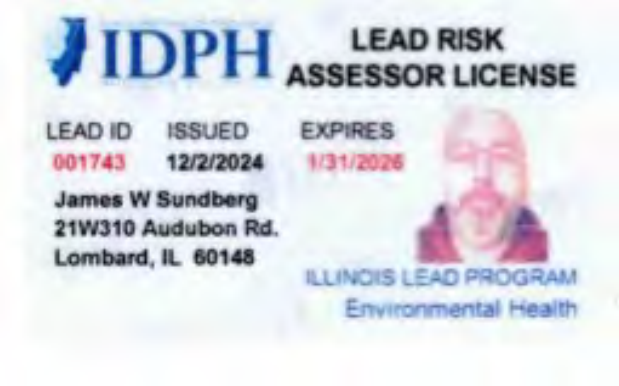
Read #	Result	RTA Present	Room	-- >RoomChoice	Structure	-- >Member	Substrate	Wall	Location	Condition	Lead (mg/cm²)	Mode
304	Negative	Off	Interior	Basement	Wall		Brick	B	UC	Deteriorated	0.0 mg/cm²	Action Level (1.0)
305	Negative	Off	Interior	Basement	Wall		Brick	D	UC	Deteriorated	0.0 mg/cm²	Action Level (1.0)
306	Positive	Off	Interior	Basement	Laundry	Shoot	Wood	C	Center	Deteriorated	4.7 mg/cm²	Action Level (1.0)
307	Negative	Off	Interior	Basement	Door	Panel	Metal	C	Center	Deteriorated	0.0 mg/cm²	Action Level (1.0)
308 (CAL)		Off	Calibration								1.0 mg/cm²	Action Level (1.0)
309 (CAL)		Off	Calibration								1.0 mg/cm²	Action Level (1.0)
310 (CAL)		Off	Calibration								1.0 mg/cm²	Action Level (1.0)
311 (CAL)		Off	Calibration								0.0 mg/cm²	Action Level (1.0)
312 (CAL)		Off	Calibration								0.0 mg/cm²	Action Level (1.0)
313 (CAL)		Off	Calibration								0.0 mg/cm²	Action Level (1.0)

------ END OF READINGS ------

Upcoming Demolition Areas - House
15323 South Myrtle Avenue, Harvey, IL 60426

IDPH INSPECTOR/RISK ASSESSOR'S LICENSE

Upcoming Demolition Areas - House
15323 South Myrtle Avenue, Harvey, IL 60426



Upcoming Demolition Areas - House
15323 South Myrtle Avenue, Harvey, IL 60426

XRF PERFORMANCE CHARACTERISTIC SHEETS

Performance Characteristic Sheet

EFFECTIVE DATE: December 1, 2015

MANUFACTURER AND MODEL:

Make: ***Heuresis***
Models: ***Model Pb200i***
Source: ***^{57}Co, 5 mCi (nominal – new source)***

FIELD OPERATION GUIDANCE

OPERATING PARAMETERS:

Action Level mode

XRF CALIBRATION CHECK LIMITS:

0.8 to 1.2 mg/cm^2 (inclusive)

SUBSTRATE CORRECTION:

Not applicable

INCONCLUSIVE RANGE OR THRESHOLD:

ACTION LEVEL MODE READING DESCRIPTION	SUBSTRATE	THRESHOLD (mg/cm^2)
Results not corrected for substrate bias on any substrate	Brick Concrete Drywall Metal Plaster Wood	1.0 1.0 1.0 1.0 1.0 1.0

BACKGROUND INFORMATION

EVALUATION DATA SOURCE AND DATE:

This sheet is supplemental information to be used in conjunction with Chapter 7 of the HUD *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing* ("HUD Guidelines"). Performance parameters shown on this sheet are calculated using test results on building components in the HUD archive. Testing was conducted on 146 test samples in November 2015, with two separate instruments running software version 2.1-2 in Action Level test mode. The actual source strength of each instrument on the day of testing was approximately 2.0 mCi; source ages were approximately one year.

OPERATING PARAMETERS

Performance parameters shown in this sheet are applicable only when properly operating the instrument using the manufacturer's instructions and procedures described in Chapter 7 of the HUD Guidelines.

XRF CALIBRATION CHECK:

The calibration of the XRF instrument should be checked using the paint film nearest 1.0 mg/cm^2 in the NIST Standard Reference Material (SRM) used (e.g., for NIST SRM 2579, use the 1.02 mg/cm^2 film).

If the average (rounded to 1 decimal place) of three readings is outside the acceptable calibration check range, follow the manufacturer's instructions to bring the instrument into control before XRF testing proceeds.

SUBSTRATE CORRECTION VALUE COMPUTATION:

Chapter 7 of the HUD Guidelines provides guidance on correcting XRF results for substrate bias. Supplemental guidance for using the paint film nearest 1.0 mg/cm^2 for substrate correction is provided:

XRF results are corrected for substrate bias by subtracting from each XRF result a correction value determined separately in each house for single-family housing or in each development for multifamily housing, for each substrate. The correction value is an average of XRF readings taken over the NIST SRM paint film nearest to 1.0 mg/cm^2 at test locations that have been scraped bare of their paint covering. Compute the correction values as follows:

> Using the same XRF instrument, take three readings on a bare substrate area covered with the NIST SRM paint film nearest 1 mg/cm^2. Repeat this procedure by taking three more readings on a second bare substrate area of the same substrate covered with the NIST SRM.
>
> Compute the correction value for each substrate type where XRF readings indicate substrate correction is needed by computing the average of all six readings as shown below.
>
> <u>For each substrate type</u> (the 1.02 mg/cm^2 NIST SRM is shown in this example; use the actual lead loading of the NIST SRM used for substrate correction):
>
> Correction value = (1st + 2nd + 3rd + 4th + 5th + 6th *Reading*)/6 - 1.02 mg/cm^2
>
> Repeat this procedure for each substrate requiring substrate correction in the house or housing development.

EVALUATING THE QUALITY OF XRF TESTING:

Randomly select ten testing combinations for retesting from each house or from two randomly selected units in multifamily housing.

Conduct XRF re-testing at the ten testing combinations selected for retesting.

Determine if the XRF testing in the units or house passed or failed the test by applying the steps below. Compute the Retest Tolerance Limit by the following steps:

Determine XRF results for the original and retest XRF readings. Do not correct the original or retest results for substrate bias. In single-family and multi-family housing, a result is defined as a single reading. Therefore, there will be ten original and ten retest XRF results for each house or for the two selected units.

Calculate the average of the original XRF result and the retest XRF result for each testing combination.

Square the average for each testing combination.

Add the ten squared averages together. Call this quantity C.

Multiply the number C by 0.0072. Call this quantity D.

Add the number 0.032 to D. Call this quantity E.

Take the square root of E. Call this quantity F.

Multiply F by 1.645. The result is the Retest Tolerance Limit.

Compute the average of all ten original XRF readings.

Compute the average of all ten re-test XRF readings.

Find the absolute difference of the two averages.

If the difference is less than the Retest Tolerance Limit, the inspection has passed the retest. If the difference of the overall averages equals or exceeds the Retest Tolerance Limit, this procedure should be repeated with ten new testing combinations. If the difference of the overall averages is equal to or greater than the Retest Tolerance Limit a second time, then the inspection should be considered deficient.

Use of this procedure is estimated to produce a spurious result approximately 1% of the time. That is, results of this procedure will call for further examination when no examination is warranted in approximately 1 out of 100 dwelling units tested.

TESTING TIMES:

In the Action Level paint test mode, the instrument takes the longest time to complete readings close to the Federal standard of 1.0 mg/cm^2. The table below shows the mean and standard deviation of actual reading times by reading level for paint samples during the November 2015 archive testing. The tested instruments reported readings to one decimal place. No significant differences in reading times by substrate were observed. These times apply only to instruments with the same source strength as those tested (2.0 mCi). Instruments with stronger sources will have shorter reading times and those with weaker sources, longer reading times, than those in the table.

Mean and Standard Deviation of Reading Times in Action Level Mode by Reading Level		
Reading (mg/cm^2)	**Mean Reading Time (seconds)**	**Standard Deviation (seconds)**
< 0.7	3.48	0.47
0.7	7.29	1.92
0.8	13.95	1.78
0.9 – 1.2	15.25	0.66
1.3 – 1.4	6.08	2.50
≥ 1.5	3.32	0.05

CLASSIFICATION OF RESULTS:

XRF results are classified as **positive** if they are **greater than or equal** to the stated threshold for the instrument (1.0 mg/cm^2), and *negative* if they are *less than* the threshold.

DOCUMENTATION:

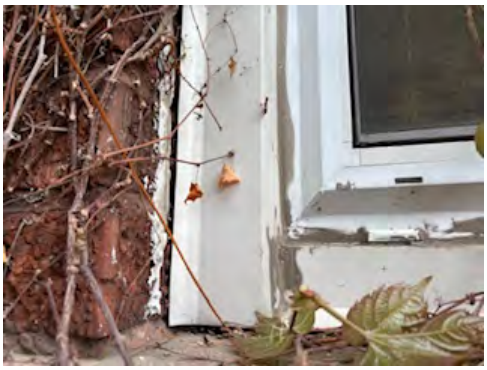
A report titled *Methodology for XRF Performance Characteristic Sheets* (EPA 747-R-95-008) provides an explanation of the statistical methodology used to construct the data in the sheets, and provides empirical results from using the recommended inconclusive ranges or thresholds for specific XRF instruments. The report may be downloaded at http://www2.epa.gov/lead/methodology-xrf-performance-characteristic-sheets-epa-747-r-95-008-september-1997.

This XRF Performance Characteristic Sheet (PCS) was developed by QuanTech, Inc., under a contract with the XRF manufacturer.

Upcoming Demolition Areas - House
15323 South Myrtle Avenue, Harvey, IL 60426

PHOTOGRAPH DOCUMENTATION OF COMPONENTS WITH LEAD BASED PAINT

Upcoming Demolition Areas - House
15323 South Myrtle Avenue, Harvey, IL 60426

	
Exterior Front and Back Porch. Wood Ceilings, Support Columns and Support Beams with Deteriorated Lead Based Paint (LBP).	**Exterior Front and Back Porch. Wood Floor with Deteriorated LBP.**
	
Exterior House. Walls A and D Wood Door Jambs, Casings, and Thresholds with Deteriorated LBP.	**Exterior House. Wood Window Components with Deteriorated LBP.**
	
Exterior House. Wood Window Components with Deteriorated LBP.	**Exterior House. Wood Window Components with Deteriorated LBP. Including under Aluminum**

Upcoming Demolition Areas - House
15323 South Myrtle Avenue, Harvey, IL 60426

	
Exterior House. Wood Window Components with Deteriorated LBP. Including under Aluminum	**Exterior House. Wood Soffit and Fascia Assumed with Deteriorated LBP under Aluminum.**
	
Exterior Front and Back Porch. Wood Ceilings, Support Columns and Support Beams with Deteriorated LBP.	**Back Yard. No Garage or Out Buildings.**
	
Exterior Outhouse. Wood Soffits and Walls with Deteriorated LBP.	**Interior Front Porch. Plaster Walls and Ceiling with Deteriorated LBP.**

Upcoming Demolition Areas - House
15323 South Myrtle Avenue, Harvey, IL 60426

	
Interior Stairs to Basement. Plaster Walls and Ceiling with Deteriorated LBP.	**Interior Basement. Wood Stair Components with Deteriorated LBP.**
	
Interior Basement. Wood Window Components with Deteriorated LBP.	**Interior Basement. Wood Laundry Shoot Walls with Deteriorated LBP.**

Carnow, Conibear & Assoc., Ltd.
Environmental Consulting Services
600 West Van Buren St., Suite 500, Chicago, IL 60607
t: 312.782.4486 f: 312.782.5145
www.ccaltd.com

CARNOW CONIBEAR

Pre-Demolition Asbestos-Containing Material, Lead-Based Paint, and Hazardous Materials Survey Report

Site: **15331 S. Myrtle Avenue**
Harvey, IL 60426

Survey Date: **December 5, 2025**
Project No.: **A163440003**



Prepared For: Tetra Tech, Inc.

Issue Date: December, 2025
Carnow Conibear Project Number: A163440003

Carnow, Conibear & Assoc., Ltd.
Environmental Consulting Services
600 West Van Buren St., Suite 500, Chicago, IL 60607
t: 312.782.4486 f: 312.782.5145
www.ccaltd.com

CARNOW CONIBEAR

Pre-Demolition Asbestos-Containing Material, Lead-Based Paint, and Hazardous Materials Survey Report

Site: **15331 S. Myrtle Avenue**
Harvey, IL 60426

Survey Date: **December 5, 2025**
Project No.: **A163440003**

Field Work By:

Jose Escobedo
Asbestos Building Inspector

Field Work By:

Cares Bailey
Lead Risk Assessor

Report Prepared By:

Marta Gadek
Industrial Hygiene Specialist

Report Reviewed By:

Dylan Gerhart, P.E., C.I.H., C.S.P.
Senior Project Engineer

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CARNOW CONIBEAR

1.0 EXECUTIVE SUMMARY

Carnow, Conibear & Assoc., Ltd. (Carnow Conibear) was retained by Tetra Tech, Inc. (Tetra Tech) to perform a Pre-Demolition survey for asbestos-containing materials, lead-based paint, and hazardous materials at the residential property located at 15331 S. Myrtle Avenue in Harvey, Illinois. The overall purpose of the survey was to provide required abatement information in anticipation of demolition of onsite structure(s).

Asbestos-Containing Materials

The asbestos survey was conducted in phases. The first phase involved a visual inspection of unoccupied rooms to identify accessible suspect asbestos-containing materials. The next phase included collecting representative samples from these accessible suspect materials, followed by laboratory analysis to determine the presence of asbestos. The samples were analyzed by an accredited laboratory.

Lead-Based Paint

The objective of the lead-based paint survey was to identify painted building components thought to be impacted to determine the existence, condition, and location of lead-based paint as defined by HUD.

Hazardous Materials

The hazardous materials survey consisted of visually inspecting the subject site to determine the presence and location of polychlorinated-biphenyl (PCB) containing equipment and materials (lighting ballasts), and mercury-containing equipment and materials (Fluorescent Bulbs, Safety Switches, Switch Boards and Exit Signs), radioactive material-containing units (Carbon monoxide detector) and other hazardous chemical wastes, including chlorofluorocarbon (CFCs) containing units. Sampling was not part of the scope of work of the survey. Assumptions about the presence of these hazardous materials are based on historical usage.

2.0 INTRODUCTION

Carnow, Conibear & Assoc., Ltd. (Carnow Conibear) was retained by Tetra Tech to perform a Pre-Demolition survey for asbestos-containing materials, lead-based paint, and hazardous materials at the residential property located at 15331 S. Myrtle Avenue in Harvey, Illinois. The survey was conducted on December 5, 2025 by Carnow Conibear representatives Mr. Jose Escobedo and Ms. Cares Bailey. Mr. Escobedo is an Illinois Department of Public Health (IDPH) licensed Asbestos Building Inspector. Ms. Bailey is an Illinois Department of Public Health (IDPH) licensed Lead Inspector. See Appendix A for copies of the inspector's current licenses and accreditations.

2.1 Objectives

2.1.1 Asbestos-Containing Material Survey

The purpose of the asbestos survey was to identify the location of accessible asbestos-containing materials (ACM). To achieve this purpose, the following procedures were performed:

- Visual Inspection – to determine the location of suspect materials.
- Sample Collection – to determine asbestos content and material condition
- Laboratory Analysis – analysis of samples by an accredited laboratory.
- Reporting – to prepare a summary report documenting the inspection findings and providing recommendations as warranted.

2.1.2 Lead-Based Paint Survey

The objective of the lead-based paint survey was to identify painted building components through to be impacted to determine the existence, condition, and location of lead-based paint as defined by HUD. To achieve this objective, the following procedures were performed:

- Visual Inspection - to determine location of painted surfaces
- Sampling – lead-based paint sampling to determine the presence of these constituents
- Reporting – to prepare a summary report documenting the inspection findings.

2.2.3 Hazardous Materials Survey

The objective of the hazardous material survey was to determine the presence of PCB's, mercury containing equipment, radiological equipment, medical waste, and any other chemicals that could present health hazards to site workers and/or require special disposal. To achieve this objective, the following procedures were performed:

- Visual Inspection – to determine the presence, quantity, and location.
- Reporting – to prepare a summary documenting the inspection findings and providing recommendations as warranted.

The quantities provided in this report only represent the materials found on the day of the survey. Additional chemicals and equipment may have been brought onto the property after the date of the survey or consumed and/or disposed prior to the report issue date.

3.0 SITE INSPECTION

3.1 Asbestos-Containing Material Survey

3.1.1 Historical Document Review

No asbestos-related documents were provided for review to gain an understanding of previous asbestos activities.

3.1.2 Asbestos Survey Methodology

The asbestos survey was conducted in phases. The first phase of the survey included a walkthrough inspection of the subject site to identify homogeneous materials (materials which are uniform in composition throughout) and to assess material conditions. The next phase consisted of collecting representative bulk samples from the suspected asbestos-containing materials. Materials may have been assumed to contain asbestos due to inaccessibility of the room or area where the materials were located or sampling of the material would damage or compromise the integrity of the building component and may render it inoperable.

3.1.3 Suspect Asbestos-Containing Material Sample Collection

Carnow Conibear collected a total of thirty nine (39) samples from the suspected asbestos-containing materials. All bulk samples were collected based on methods described in USEPA guidelines. The samples were collected and stored in sample bags with a unique sample identification number prior to delivery to EMSL Analytical, Inc. (EMSL) in Hillside, Illinois for analysis. A chain of custody (COC) form was signed and dated by the inspector, the delivering representative, and the laboratory representative who received the samples.

3.1.4 Asbestos Sample Analysis

The samples collected during the field activities were submitted to EMSL for laboratory analysis. EMSL is accredited for bulk asbestos fiber analysis by the National Voluntary Laboratory Accreditation Program (NVLAP) through the National Institute of Standards and Technology (NIST). EMSL utilized dispersion staining and polarized light microscopy (PLM) techniques for analyzing the samples consistent with National Institute for Occupational Safety and Health (NIOSH) methods. PLM is the EPA's recognized method for determining bulk asbestos content. See **Appendix B** for the bulk sample laboratory report and chain of custody documentation. Photographs are contained in **Appendix D**.

Tables I and II present a summary of the results of the bulk sample analysis and material locations.

Table I: Summary of Asbestos-Containing Materials Survey Results
Polarized Light Microscopy

SAMPLE ID	MATERIAL DESCRIPTION	MATERIAL LOCATION	LABORATORY RESULT (PLM)	ESTIMATED QUANTITY	FRIABLE OR NON-FRIABLE	NESHAP TYPE
JE120525-01 JE120525-02 JE120525-03	9"x9" Green FLR Tile	1ST FLR Basement Landing	No Asbestos Detected	NA	NA	NA
JE120525-04 JE120525-05 JE120525-06	Associated Mastic	1ST FLR Basement Landing	No Asbestos Detected	NA	NA	NA
JE120525-07 JE120525-08 JE120525-09	12"x12" Beige FLR Tile	Kitchen, 1ST FLR Toilet	No Asbestos Detected	NA	NA	NA
JE120525-10 JE120525-11 JE120525-12	Associated Mastic	Kitchen, 1ST FLR Toilet	No Asbestos Detected	NA	NA	NA
JE120525-13 JE120525-14 JE120525-15	**Mastic on Particleboard FLR**	**Kitchen**	**4% Chrysotile**	**200 SF**	**Non-friable**	**CAT 1**
JE120525-16 JE120525-17 JE120525-18	Drywall	Various Locations	No Asbestos Detected	NA	NA	NA
JE120525-19 JE120525-20 JE120525-21	Plaster Wall	Various Locations	No Asbestos Detected	NA	NA	NA
JE120525-22 JE120525-23 JE120525-24	4"X4" Green Wall Tile	2nd FLR Toilet	No Asbestos Detected	NA	NA	NA
JE120525-25 JE120525-26 JE120525-27	Associated Yellow Adhesive	2nd FLR Toilet	No Asbestos Detected	NA	NA	NA
JE120525-28 JE120525-29 JE120525-30	12"X12" White FLR Tile	2nd FLR Toilet	No Asbestos Detected	NA	NA	NA
JE120525-31 JE120525-32 JE120525-33	Associated Mastic	2nd FLR Toilet	No Asbestos Detected	NA	NA	NA
JE120525-34 JE120525-35 JE120525-36	Window Caulk	Bedroom	No Asbestos Detected	NA	NA	NA
JE120525-37 JE120525-38 JE120525-39	Green/Brown Siding	Exterior	No Asbestos Detected	NA	NA	NA
Inaccessible	**Roof and Roofing Materials**	**Roof**	**Assumed**	**1,000 SF**	**Non-Friable**	**CAT 1**

Table II: Summary of Asbestos-Containing Materials Survey Results
Transmission Electron Microscopy

SAMPLE ID	MATERIAL DESCRIPTION	MATERIAL LOCATION	LABORATORY RESULT (TEM)	COMMENTS
JE120525-07	12"x12" Beige FLR Tile	Kitchen, 1ST FLR Toilet	No Asbestos Detected	
JE120525-28	12"X12" White FLR Tile	2nd FLR Toilet	No Asbestos Detected	
JE120525-34	Window Caulk	Bedroom	No Asbestos Detected	

3.2 Lead-Based Paint Survey

Lead is a heavy metal that can cause health effects from human exposure. Lead is commonly found in industrial paints and coatings. However, beginning in 1978, lead use in consumer paints was restricted. In particular, the U.S. Consumer Products Safety Commission restricted the amount of lead to no more than 0.06 per cent by weight. This value is equivalent to 600 parts per million (ppm) of lead. *Lead-based paint* is defined by the US Department of Housing and Urban Development (HUD) as paint or other surface coatings that contain lead equal to or greater than 5000 parts per million (ppm), 5000 milligrams per Kilogram (mg/Kg), or 0.5 percent by weight. Surface coatings include paint, shellac, varnish, or any other coating, including wallpaper which covers painted surfaces.

3.2.1 Suspect Lead-Based Paint Sample Collection

The lead-based paint survey consisted of visually inspecting the painted survey areas to determine representative paint histories and to collect random samples utilizing an X-ray fluorescence (XRF) spectrum analyzer. The lead-based paint testing was limited to major building components and locations with damaged or peeling paint only. Sampling of suspect lead-based paint (LBP) components and/or surfaces was conducted following the U.S. Department of Housing and Urban Development (HUD) guidelines of June 1995 for single family housing, Chapter 7, Lead Based Paint Inspection, 2012 Revision, and the EPA and HUD's Performance Characteristics Sheet for the RMD LPA-1 XRF lead paint analysis system. There may be materials that were not identified, because they were located in inaccessible areas and not available at the time of inspection.

Table III identifies the lead painted components and/or surfaces as defined by HUD. See Appendix C for a complete testing log of all XRF measurements collected for this survey.

3.2.2 Lead-Based Paint Survey Methodology

Sampling of visible and accessible suspect lead-based painted components and/or surfaces was conducted following protocol similar to the U.S. Department of Housing and Urban Development (HUD) guidelines of June 1995 for single family housing, Chapter 7: Lead-Based Paint Inspection 2012 Revision. These guidelines apply to residential properties. The lead-based paint testing was limited to major building components and locations with damaged or peeling paint only. There may be materials that were not identified, because they were located in inaccessible areas and not available at the time of inspection.

The inspector categorized components in poor condition if the paint damage was greater than three square feet (3 ft^2). Components were categorized in fair condition when paint damage was less than three square feet (3 ft^2). Components in an intact condition represent no visible paint damage. Visual assessments noting the condition of suspect materials described in this report are representative of those conditions present at the time of the survey.

Table III identifies the lead painted components and/or surfaces which were included in the survey scope. See **Appendix C** for the laboratory report and chain of custody record for the samples collected for this survey.

Table III: Summary of Confirmed Lead-Based Paint Survey Results

MATERIAL LOCATION	COMPONENT	SUBSTRATE	COLOR	RESULT (mg/cm^2)
Front Room	South Wall Baseboard	Wood	White	3.8
Front Room	Windowsill	Wood	White	3.5
Kitchen	Door Frame to Dining Room	Wood	White	5.7
Bedroom	North Wall	Plaster	Blue	1.4
Bedroom	Windowsill	Wood	White	1.8
Bedroom	Door Frame	Wood	White	2.0
Bathroom	Door	Wood	White	2.3
Bathroom	Door Frame	Wood	White	1.3
Master Bedroom	South Wall	Plaster	White	2.5

Painted surfaces which indicate a concentration of $\geq$1.0 milligram per centimeter squared (mg/cm^2) of surface area are considered to be lead-based paint as defined by HUD.

3.3 Hazardous Materials Survey

3.3.1 Hazardous Material Survey

The survey consisted of a visual inspection to determine the location and quantity of hazardous and potentially hazardous materials that may require special disposal considerations. The entire subject property was vacant and there were no access restrictions.

3.3.2 Hazardous Material Survey Methodology

Table IV identifies the materials found in this building and approximate quantities of the materials. The hazardous material survey consisted of visually inspecting the subject property to determine the presence and location of polychlorinated-biphenyl (PCB) containing equipment and materials (lighting ballasts), and mercury-containing equipment and materials (Fluorescent Bulbs, Safety Switches, Switch Boards and Exit Signs), and other potentially hazardous chemicals found within the building. Sampling and analysis of PCBs, mercury, etc., was not part of the scope of work of the survey. Materials were classified as hazardous based on historical usage. Hazardous materials identified during the survey are summarized in **Table IV**.

Table IV: Summary of Hazardous Material Survey Results

Category	Item	Quantity	Units	Location	Comment
Mercury	Thermostat	1	Each	Kitchen	
Large Equipment	Water Heater	1	Each	Various Locations	
Other/Universal Waste	Circuit Panel/Fuse Box	1	Each	Basement	
	Smoke Detector	5	Each	Various Locations	

4.0 CONCLUSIONS AND RECOMMENDATIONS

Carnow Conibear was retained by Tetra Tech to perform a survey for asbestos-containing material, lead-based paint, and hazardous materials at the residential property located at 15331 S. Myrtle Avenue in Harvey, Illinois. The survey was limited to visible and accessible interior and exterior locations within the subject site.

Based on the survey results, Carnow Conibear offers the following conclusions and recommendations:

- Results of the asbestos-containing material survey did not confirm that asbestos-containing materials were assumed at the subject site.
- Any newly discovered materials should be assumed to contain asbestos or must be sampled prior to any future demolition work.
- Results of the lead-based paint survey confirm that lead-based paint as defined by HUD was identified at the subject site. OSHA regulation 1926.62 Lead in Construction, must be followed if lead is disturbed during demolition activities producing airborne exposures above the Permissible Exposure Limit (PEL). The PEL is an airborne limit independent of the concentration of lead in the disturbed material.
- Incorporate the data from this report into future demolition documents regarding the presence of asbestos-containing materials, lead-based paint, and hazardous materials, as applicable.
- All future hazardous material removal and/or demolition work shall be conducted by a licensed contractor in accordance with all applicable local, state, and federal regulations.
- Prior to demolition; remove, dispose, and/or recycle all regulated universal, special and/or hazardous waste materials as identified in this report.
- Document all environmental work activities and retain records.

Carnow Conibear has applied prevailing industry standards and reasonable judgment and effort within the scope of work outlined in Carnow Conibear's proposal, while conducting the asbestos-containing material and lead-based paint survey. The standards, judgment, and effort used by Carnow Conibear personnel to investigate, assess, and determine the presence of potential environmental hazards and liabilities associated with the subject building are consistent with requirements outlined in federal and state guidelines. Carnow Conibear makes no warranty, express or implied, that the findings and interpretations in this report are a complete representation of hazards and liabilities, associated with the building. Findings presented in this report are only indicative of conditions present during the time of the investigation and cannot be used to predict potential future or previous health effects on building occupants. The services performed by Carnow Conibear on this project have been conducted in a professional manner consistent with industry standards at the time of testing. There may be materials that were not identified, because they were located in inaccessible areas and not available at the time of inspection. Carnow Conibear made every reasonable effort to locate mechanical systems and other inconspicuous materials.

The information contained in this report was prepared based upon specific test parameters requested by the Client. and regulations in force at the time of the report. The information herein is only for the specific use of the Client and Carnow Conibear. Carnow Conibear accepts no responsibility for the use, reuse, interpretation, or reliance by other parties on the information contained herein, unless written authorization has been obtained from Carnow Conibear. Carnow Conibear bears no responsibility for the implementation of recommendations included in this report unless specifically requested to do so by the Client

APPENDICES

Appendix A Current License and Certifications
Appendix B Asbestos Laboratory Report and Chain of Custody Documentation
Appendix C Lead Based Paint XRF Data Sheet
Appendix D Photographic Documentation

APPENDIX A

Current Licenses and Certifications

IDPH

LEAD RISK ASSESSOR LICENSE

LEAD ID	ISSUED	EXPIRES
1003166	1/2/2025	1/31/2026

Cares A Bailey
8807 South Luella Ave
Chicago, IL 60617



ILLINOIS LEAD PROGRAM
Environmental Health

Alteration of this license shall result in legal action
RISK ASSESSOR CERTIFICATE EXPIRES
4/8/2025
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 found return to 525 W.Jefferson St Springfield, IL 62761

IDPH

ILLINOIS DEPARTMENT OF PUBLIC HEALTH

525-535 West Jefferson Street · Springfield, Illinois 6

IDPH ASBESTOS PROFESSIONAL LICENSE

ID NUMBER	ISSUED	EXPIRES
100 - 06435	6/14/2025	05/15/2026

JOSE A ESCOBEDO
5715 BROADWAY ST
RICHMOND, IL 60071
Environmental Health



JOSE A ESCOBEDO
5715 BROADWAY ST
RICHMOND, IL 60071

6/14/2025

ASBESTOS PROFESSIONAL LICENSE ID NUMBER: 06435

Enclosed is your Asbestos Professional License. Please note the expiration date on the card and in the image depicted below.

COPY OF THE ASBESTOS PROFESSIONAL LICENSE

Front of License

IDPH

ASBESTOS PROFESSIONAL LICENSE

ID NUMBER	ISSUED	EXPIRES
100 - 06435	6/14/2025	05/15/2026

JOSE A ESCOBEDO
5715 BROADWAY ST
RICHMOND, IL 60071
Environmental Health



Back of License

ENDORSEMENTS	TC EXPIRES
SUPERVISOR/WORKER	1/11/2026
INSPECTOR	9/13/2025
PROJECT MANAGER	1/11/2026
AIR SAMPLING PROFESSIONAL	

Alteration of this license shall result in legal action
This license issued under authority of the State of Illinois Department of Public Health
This license is valid only when accompanied by a valid training course certificate.

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

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

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APPENDIX B

Asbestos Laboratory Report and Chain of Custody Documentation

EMSL Analytical, Inc.

4140 Litt Drive Hillside, IL 60162

Tel/Fax: (773) 313-0099 / (773) 313-0139

http://www.EMSL.com / chicagolab@emsl.com

EMSL Order:	262511497
Customer ID:	CARN81
Customer PO:	
Project ID:	

Attention:	Dylan Gerhart	**Phone:**	(312) 439-1268
	Carnow, Conibear, & Assoc. Ltd	**Fax:**	(312) 782-5145
	600 West Van Buren Street	**Received Date:**	12/02/2025 3:00 PM
	Suite 500	**Analysis Date:**	12/04/2025
	Chicago, IL 60607	**Collected Date:**	12/02/2025
Project:	A163440003		

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
JE120225-01 *262511497-0001*	9"x9" Green FLR Tile, 1ST FLR Basement Landing	Green Non-Fibrous Homogeneous		94% Non-fibrous (Other)	**6% Chrysotile**
JE120225-02 *262511497-0002*	9"x9" Green FLR Tile, 1ST FLR Basement Landing	Green Non-Fibrous Homogeneous		94% Non-fibrous (Other)	**6% Chrysotile**
JE120225-03 *262511497-0003*	9"x9" Green FLR Tile, 1ST FLR Basement Landing	Green Non-Fibrous Homogeneous		94% Non-fibrous (Other)	**6% Chrysotile**
JE120225-04 *262511497-0004*	Associated Mastic, 1ST FLR Basement Landing	Black Non-Fibrous Homogeneous		95% Non-fibrous (Other)	**5% Chrysotile**
JE120225-05 *262511497-0005*	Associated Mastic, 1ST FLR Basement Landing	Black Non-Fibrous Homogeneous		95% Non-fibrous (Other)	**5% Chrysotile**
JE120225-06 *262511497-0006*	Associated Mastic, 1ST FLR Basement Landing	Black Non-Fibrous Homogeneous		95% Non-fibrous (Other)	**5% Chrysotile**
JE120225-07 *262511497-0007*	12"x12" Beige FLR Tile, Kitchen	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120225-08 *262511497-0008*	12"x12" Beige FLR Tile, Kitchen	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120225-09 *262511497-0009*	12"x12" Beige FLR Tile, 1ST FLR Toilet	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120225-10 *262511497-0010*	Associated Mastic, Kitchen	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120225-11 *262511497-0011*	Associated Mastic, Kitchen	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120225-12 *262511497-0012*	Associated Mastic, 1ST FLR Toilet	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120225-13 *262511497-0013*	Mastic on Particleboard FLR, Kitchen	Black Non-Fibrous Homogeneous		96% Non-fibrous (Other)	**4% Chrysotile**
JE120225-14 *262511497-0014*	Mastic on Particleboard FLR, Kitchen	Black Non-Fibrous Homogeneous		96% Non-fibrous (Other)	**4% Chrysotile**
JE120225-15 *262511497-0015*	Mastic on Particleboard FLR, Kitchen	Black Non-Fibrous Homogeneous		96% Non-fibrous (Other)	**4% Chrysotile**
JE120225-16-Texture *262511497-0016*	Drywall, Kitchen	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 12/04/2025 13:15:46

EMSL Analytical, Inc.
4140 Litt Drive Hillside, IL 60162
Tel/Fax: (773) 313-0099 / (773) 313-0139
http://www.EMSL.com / chicagolab@emsl.com

EMSL Order:	262511497
Customer ID:	CARN81
Customer PO:	
Project ID:	

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
JE120225-16-Drywall *262511497-0016A*	Drywall, Kitchen	Brown/White Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
JE120225-17-Drywall *262511497-0017*	Drywall, Living Room	Brown/White Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
JE120225-17-Joint Compound *262511497-0017A*	Drywall, Living Room	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120225-18-Drywall *262511497-0018*	Drywall, 2nd FLR Room	Brown/White Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
JE120225-18-Joint Compound *262511497-0018A*	Drywall, 2nd FLR Room	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120225-19 *262511497-0019*	Plaster Wall, Kitchen	Gray/White Non-Fibrous Homogeneous	2% Hair	98% Non-fibrous (Other)	None Detected
JE120225-20 *262511497-0020*	Plaster Wall, Living Room	Gray/White Non-Fibrous Homogeneous	2% Hair	98% Non-fibrous (Other)	None Detected
JE120225-21 *262511497-0021*	Plaster Wall, 2nd FLR Bedroom	Gray/White Non-Fibrous Homogeneous	2% Hair	98% Non-fibrous (Other)	None Detected
JE120225-22 *262511497-0022*	4"X4" Green Wall Tile, 2nd FLR Toilet	Green Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120225-23 *262511497-0023*	4"X4" Green Wall Tile, 2nd FLR Toilet	Green Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120225-24 *262511497-0024*	4"X4" Green Wall Tile, 2nd FLR Toilet	Green Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120225-25 *262511497-0025*	Associated Yellow Adhesive, 2nd FLR Toilet	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120225-26 *262511497-0026*	Associated Yellow Adhesive, 2nd FLR Toilet	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120225-27 *262511497-0027*	Associated Yellow Adhesive, 2nd FLR Toilet	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120225-28 *262511497-0028*	12"X12" White FLR Tile, 2nd FLR Toilet	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120225-29 *262511497-0029*	12"X12" White FLR Tile, 2nd FLR Toilet	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120225-30 *262511497-0030*	12"X12" White FLR Tile, 2nd FLR Toilet	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120225-31 *262511497-0031*	Associated Mastic, 2nd FLR Toilet	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 12/04/2025 13:15:46

EMSL Analytical, Inc.
4140 Litt Drive Hillside, IL 60162
Tel/Fax: (773) 313-0099 / (773) 313-0139
http://www.EMSL.com / chicagolab@emsl.com

EMSL Order:	262511497
Customer ID:	CARN81
Customer PO:	
Project ID:	

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
JE120225-32 *262511497-0032*	Associated Mastic, 2nd FLR Toilet	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120225-33 *262511497-0033*	Associated Mastic, 2nd FLR Toilet	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120225-34 *262511497-0034*	Window Caulk, Bedroom	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120225-35 *262511497-0035*	Window Caulk, Bedroom	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120225-36 *262511497-0036*	Window Caulk, 1ST FLR Living Room	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120225-37 *262511497-0037*	Green/Brown Siding, Exterior of House	Brown/Gray/Black Fibrous Homogeneous	60% Cellulose	40% Non-fibrous (Other)	None Detected
JE120225-38 *262511497-0038*	Green/Brown Siding, Exterior of House	Brown/Black/Green Non-Fibrous Homogeneous	60% Cellulose	40% Non-fibrous (Other)	None Detected
JE120225-39 *262511497-0039*	Green/Brown Siding, Exterior of House	Brown/Black/Green Fibrous Homogeneous	60% Cellulose	40% Non-fibrous (Other)	None Detected

Analyst(s)

Emily Weslow (9)
Mazen Elkhatib (33)

James Hahn, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 “Interim Method”) but augmented with procedures outlined in the 1993 (”final”) version of the method. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc. Hillside, IL NVLAP Lab Code 200399-0

Initial report from: 12/04/2025 13:15:46

OrderID: 262511497

262511497

Carnow, Conibear & Assoc., Ltd.
Environmental Consulting Services
600 West Van Buren St., Suite 500, Chicago, IL 60607
T 312.782.4486 f. 312.782.5145
www.ccaltd.com

CHAIN OF CUSTODY RECORD
PLM ASBESTOS

CARNOW CONIBEAR

Client: Tetratech
Street Address: 15331 S. Myrtle Drive
City, State, Zip: Harvey, IL
Date: 12-2-2025
Turn Around: 2 Day

Project #: A163440003
Project Name:
Project Location: Residence
Project Manager: Dylan Gerhart
Inspector: Jose Escobedo

SAMPLE ID / NUMBER:	SAMPLE DESCRIPTION / LOCATION	
JE120225-01	9"X9" Green FLR Tile	1ST FLR Basement Landing
02	"	"
03	"	"
04	Associated Mastic	"
05	"	"
06	"	"
07	12"X12" Beige FLR Tile	Kitchen
08	"	"
09	"	1ST FLR Toilet
10	Associated Mastic	Kitchen
11	"	"
12	"	1ST FLR Toilet
13	Mastic on Particleboard FLR	Kitchen
14	"	"
15	"	"
16	Drywall	Kitchen
17	"	Living Room
18	"	2nd FLR Room
19	Plaster Wall	Kitchen
20	"	Living Room
21	"	2nd FLR Bedroom
22	4"X4" Green Wall Tile	2nd FLR Toilet
23	"	"
24	"	"

Comments:
Please email results to dgerhart@ccaltd.com/escobedo@ccaltd.com
Relinquished By / Date / Time: Jose Escobedo 12-2-2025
Received By / Date / Time: Tetra Tech 12/2/25 3pm WF
Relinquished By / Date / Time:
Received By / Date / Time:

OrderID: 262511497

Carnow, Conibear & Assoc., Ltd.
Environmental Consulting Services
800 West Van Buren St., Suite 500, Chicago, IL 60607
T 312.782.4486 f 312.782.5145
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CHAIN OF CUSTODY RECORD
PLM ASBESTOS

CARNOW CONIBEAR

Client: Tetra Tech
Street Address: 15331 S. Myrtle Drive
City, State, Zip: Harvey, IL
Date: 12-2-2025
Turn Around: 2 Day

Project #: A1634410003
Project Name:
Project Location: Residence
Project Manager: Dylan Gerhart
Inspector: Jose Escobedo

SAMPLE ID / NUMBER:	SAMPLE DESCRIPTION / LOCATION
JE120225-25	Associated Yellow Adhesive — 2nd FLR Toilet
26	
27	
28	12"X12" White FLR Tile
29	
30	
31	Associated Mastic
32	
33	
34	Window Caulk
35	Bedroom
36	1st FLR Living Room
37	Green/Brown Siding — Exterior of House
38	
39	

Comments: Please email results to dgerhart@ccaltd.com/jescobedo@ccaltd.com
Relinquished By / Date / Time: Jose Escobedo 12-2-2025
Received By / Date / Time: 12/2/25 WF 3pm
Relinquished By / Date / Time:
Received By / Date / Time:

E - 727

EMSL Analytical, Inc.
4140 Litt Drive Hillside, IL 60162
Tel/Fax: (773) 313-0099 / (773) 313-0139
http://www.EMSL.com / chicagolab@emsl.com

EMSL Order: 262511497
Customer ID: CARN81
Customer PO:
Project ID:

Attention: Dylan Gerhart
Carnow, Conibear, & Assoc. Ltd
600 West Van Buren Street
Suite 500
Chicago, IL 60607
Project: A163440003

Phone: (312) 439-1268
Fax: (312) 782-5145
Received Date: 12/02/2025 3:00 PM
Analysis Date: 12/04/2025 - 12/10/2025
Collected Date: 12/02/2025

Test Report: Asbestos Analysis of Non-Friable Organically Bound Materials by TEM via EPA/600/R-93/116 Section 2.5.5.1

Sample ID	Description	Appearance	% Matrix Material	% Non-Asbestos Fibers	Asbestos Types
JE120225-07 *262511497-0007*	12"x12" Beige FLR Tile, Kitchen	Red/Beige Fibrous Heterogeneous	100.0 Other	None	No Asbestos Detected
JE120225-28 *262511497-0028*	12"X12" White FLR Tile, 2nd FLR Toilet	White Fibrous Heterogeneous	100.0 Other	None	No Asbestos Detected
JE120225-34 *262511497-0034*	Window Caulk, Bedroom	Gray Fibrous Heterogeneous	100.0 Other	None	No Asbestos Detected

Analyst(s)

James Hahn (3)

James Hahn, Laboratory Manager
or other approved signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. EMSL recommends that samples reported as none detected or <1% undergo additional analysis via PLM to avoid the possibility of false negatives.

Samples analyzed by EMSL Analytical, Inc. Hillside, IL

Initial report from: 12/04/2025 12:15:50

APPENDIX C

Lead-Based Paint Laboratory Report and Chain of Custody Documentation

Lead Based Paint XRF Data Sheet

Client: Tetra Tech | Building Address: 15331 Myrtle Avenue | City: Harvey | Inspection Date: 12/2/2025

Area Description: House | State: IL | Inspector: Cares Bailey | License #: 1003166

XRF Serial #: 2295 | XRF Instrument: Viken Detection Pb200e | XRF Unit /File #: | Inspector's Signature:

XRF Test Shot #	Test Location	Component	Substrate	Color	Condition Assessment Deterioration Present?	Estimated Damage	XRF Reading mg/cm^2	Classification P=Positive ≥1.0 N=Negative <1.0
7	15331 - Front Room	South Wall	Plaster	White	Y N		0.1	P N
8	**15331 - Front Room**	**South Wall Baseboard**	**Wood**	**White**	**Y N**		**3.8**	**P N**
9	**15331 - Front Room**	**Windowsill**	**Wood**	**White**	**Y N**		**3.5**	**P N**
10	15331 - Kitchen	South Wall	Drywall	Green	Y N		0.1	P N
11	**15331 - Kitchen**	**Door Frame to Dining Room**	**Wood**	**White**	**Y N**		**5.7**	**P N**
12	15331 - Kitchen	Pantry Door Frame	Wood	White	Y N		0.2	P N
13	15331 - Kitchen	Pantry Door Jamb	Wood	White	Y N		0.3	P N
14	15331 - Hallway	Floor	Wood	Brown	Y N		0.2	P N
15	15331 - Hallway	Stair Rail	Wood	Brown	Y N		0.1	P N
16	15331 - Hallway	Stair Tread	Wood	Brown	Y N		0.2	P N
17	**15331 - Bedroom**	**North Wall**	**Plaster**	**Blue**	**Y N**		**1.4**	**P N**
18	**15331 - Bedroom**	**Windowsill**	**Wood**	**White**	**Y N**		**1.8**	**P N**
19	**15331 - Bedroom**	**Door Frame**	**Wood**	**White**	**Y N**		**2.0**	**P N**
20	**15331 - Bathroom**	**Door**	**Wood**	**White**	**Y N**		**2.3**	**P N**
21	**15331 - Bathroom**	**Door Frame**	**Wood**	**White**	**Y N**		**1.3**	**P N**
22	**15331 - Master Bedroom**	**South Wall**	**Plaster**	**White**	**Y N**		**2.5**	**P N**

CARNOW CONIBEAR

Carnow, Conibear & Assoc., Ltd.
Environmental Consulting Services
600 W. Van Buren St., Suite 500, Chicago, IL 60607
t: 312 782 4486 f: 312 782 5145
www.ccaltd.com

CARNOW CONIBEAR

XRF CALIBRATION CHECK TEST RESULTS

Client: Tetra Tech Date: 12/2/25

Address: 1 S Wacker Dr #3700, Chicago, IL 60606

XRF Serial #: 2239

XRF Instrument: Viken Detection Pb200e

Inspector/License #: Cares Bailey 1003166

XRF Unit File #:

Calibration Check Tolerance Used: +/- 0.2 mg/cm² on 1. mg/cm² - , Standard

Time Corrected Mode – Duration of Test is seconds long

CALIBRATION CHECK (Bare Wood)

Calibration Time	1st Reading	2nd Reading	3rd Reading	Average Reading	Difference From Average & 0.0 mg/cm²	Acceptable Yes/No
10:31	0.0	0.1	0.1	0.06		Yes

CALIBRATION CHECK (Painted)

Calibration Time	1st Reading	2nd Reading	3rd Reading	Average Reading	Difference Between Average & 0.0 mg/cm²	Acceptable Yes/No
10:32	1.0	1.1	1.0	1.03		Yes

CALIBRATION CHECK (Painted)

Calibration Time	1st Reading	2nd Reading	3rd Reading	Average Reading	Difference Between Average & 0.0 mg/cm²	Acceptable Yes/No
12:30pm	1.0	0.9	1.0	0.97		Yes

CALIBRATION CHECK ( )

Calibration Time	1st Reading	2nd Reading	3rd Reading	Average Reading	Difference Between Average & 0.0 mg/cm²	Acceptable Yes/No

APPENDIX D

Photographic Documentation



Photo 1 - Mastic (ACM) on Particleboard floor in Kitchen

Carnow, Conibear & Assoc., Ltd.
Environmental Consulting Services
600 West Van Buren St., Suite 500, Chicago, IL 60607
t: 312.782.4486 f: 312.782.5145
www.ccaltd.com

CARNOW CONIBEAR

Pre-Demolition Asbestos-Containing Material, Lead-Based Paint, and Hazardous Materials Survey Report

Site: **15337 S Myrtle Drive**
Harvey, IL 60426

Survey Date: **December 2, 2025**
Project No.: **A163440003**



Prepared For: Tetra Tech, Inc.

Issue Date: December, 2025
Carnow Conibear Project Number: A163440003

Carnow, Conibear & Assoc., Ltd.
Environmental Consulting Services
600 West Van Buren St., Suite 500, Chicago, IL 60607
t: 312.782.4486 f: 312.782.5145
www.ccaltd.com

CARNOW CONIBEAR

Pre-Demolition Asbestos-Containing Material, Lead-Based Paint, and Hazardous Materials Survey Report

Site: **15337 S. Myrtle Drive**
Harvey, IL 60426

Survey Date: **December 2, 2025**
Project No.: **A136440003**

Field Work By:

Jose Escobedo
Asbestos Building Inspector

Field Work By:

Fernando Rea
Lead Risk Assessor

Report Prepared By:

Jarod Sparacio
Industrial Hygiene Technician

Report Reviewed By:

Dylan Gerhart, P.E., C.I.H., C.S.P.
Senior Project Engineer

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CARNOW CONIBEAR

1.0 EXECUTIVE SUMMARY

Carnow, Conibear & Assoc., Ltd. (Carnow Conibear) was retained by Tetra Tech to perform a Pre-Demolition survey for asbestos-containing materials, lead-based paint, and hazardous materials properties located at 15337 S. Myrtle Drive, Harvey, Illinois. The overall purpose of the survey was to provide required abatement information in anticipation of demolition of onsite structures.

Asbestos-Containing Materials

The asbestos survey was conducted in phases. The first phase involved a visual inspection of unoccupied rooms to identify accessible suspect asbestos-containing materials. The next phase included collecting representative samples from these accessible suspect materials, followed by laboratory analysis to determine the presence of asbestos. The samples were analyzed by an accredited laboratory.

Lead-Based Paint

The objective of the lead-based paint survey was to identify painted building components thought to be impacted to determine the existence, condition, and location of lead-based paint as defined by HUD. Lead-based paint was found to be present.

Hazardous Materials

The hazardous materials survey consisted of visually inspecting the subject site to determine the presence and location of polychlorinated-biphenyl (PCB) containing equipment and materials (lighting ballasts), and mercury-containing equipment and materials (Fluorescent Bulbs, Safety Switches, Switch Boards and Exit Signs), radioactive material-containing units (Carbon monoxide detector) and other hazardous chemical wastes, including chlorofluorocarbon (CFCs) containing units. Sampling was not part of the scope of work of the survey. Assumptions about the presence of these hazardous materials are based on historical usage.

2.0 INTRODUCTION

Carnow, Conibear & Assoc., Ltd. (Carnow Conibear) was retained by Tetra Tech to perform a limited survey for asbestos-containing materials, lead-based paint, and hazardous materials at the two properties located at 15337 S. Myrtle Drive, Harvey, Illinois. The survey was conducted on December 2, 2025, by Carnow Conibear representatives Mr. Jose Escobedo and Ms. Cares Bailey. Mr. Escobedo is an Illinois Department of Public Health (IDPH) licensed asbestos building inspector and Ms. Bailey is a lead inspector/risk assessor. See **Appendix A** for a copy of the current licenses and accreditations.

2.1 Objectives

2.1.1 Asbestos-Containing Material Survey

The purpose of the asbestos survey was to identify the location of accessible asbestos-containing materials (ACM). To achieve this purpose, the following procedures were performed:

- Visual Inspection – to determine the location of suspect materials.
- Sample Collection – to determine asbestos content and material condition
- Laboratory Analysis – analysis of samples by an accredited laboratory.
- Reporting – to prepare a summary report documenting the inspection findings and providing recommendations as warranted.

2.1.2 Lead-Based Paint Survey

The objective of the lead-based paint survey was to identify painted building components to determine the existence, condition, and location of lead-based paint as defined by HUD. To achieve this objective, the following procedures were performed:

- Visual Inspection - to determine location of painted surfaces
- Sampling – lead-based paint sampling to determine the presence of these constituents
- Reporting – to prepare a summary report documenting the inspection findings.

2.2.3 Hazardous Materials Survey

The objective of the hazardous material survey was to determine the presence of PCB's, mercury containing equipment, radiological equipment, medical waste, and any other chemicals that could present health hazards to site workers and/or require special disposal. To achieve this objective, the following procedures were performed:

- Visual Inspection – to determine the presence, quantity, and location.
- Reporting – to prepare a summary documenting the inspection findings and providing recommendations as warranted.

The quantities provided in this report only represent the materials found on the day of the survey. Additional chemicals and equipment may be brought onto the property after the date of the survey or consumed and/or disposed prior to the report issue date.

3.0 SITE INSPECTION

3.1 Asbestos-Containing Material Survey

3.1.1 Historical Document Review

No asbestos-related documents were provided for review to gain an understanding of previous asbestos activities.

3.1.2 Asbestos Survey Methodology

The asbestos survey was conducted in phases. The first phase of the survey included a walkthrough inspection the subject site to identify homogeneous materials (materials which are uniform in composition throughout) and to assess material conditions. The next phase consisted of collecting representative bulk samples from the suspected asbestos-containing materials. Materials may have been assumed to contain asbestos due to inaccessibility of the room or area where the materials were located or sampling of the material would damage or compromise the integrity of the building component and may render it inoperable.

3.1.3 Suspect Asbestos-Containing Material Sample Collection

Carnow Conibear collected a total of forty-two (42) samples from the suspected asbestos-containing materials. All bulk samples were collected based on methods described in USEPA guidelines. The samples were collected and stored in sample bags with a unique sample identification number prior to delivery to EMSL Laboratory in Hillside, Illinois for analysis. A chain of custody (COC) form was signed and dated by the inspector, the delivering representative, and the laboratory representative who received the samples.

3.1.4 Asbestos Sample Analysis

The samples collected during the field activities were submitted to EMSL for laboratory analysis. EMSL is accredited for bulk asbestos fiber analysis by the National Voluntary Laboratory Accreditation Program (NVLAP) through the National Institute of Standards and Technology (NIST). EMSL utilized dispersion staining and polarized light microscopy (PLM) techniques for analyzing the samples consistent with National Institute for Occupational Safety and Health (NIOSH) methods. PLM is the EPA's recognized method for determining bulk asbestos content. See **Appendix B** for the bulk sample laboratory report and chain of custody documentation. Photographs are contained in **Appendix D**.

Tables I and II present a summary of the results of the bulk sample analysis and material locations.

Table I: Summary of Asbestos-Containing Materials Survey Results
Polarized Light Microscopy

SAMPLE ID	MATERIAL DESCRIPTION	MATERIAL LOCATION	LABORATORY RESULT (PLM)	ESTIMATED QUANTITY	FRIABLE OR NON-FRIABLE	NESHAP TYPE
JE120225-01	12"x12" White Floor Tile	1st Floor Toilet	No Asbestos Detected	NA	NA	NA

Table I: Summary of Asbestos-Containing Materials Survey Results
Polarized Light Microscopy

SAMPLE ID	MATERIAL DESCRIPTION	MATERIAL LOCATION	LABORATORY RESULT (PLM)	ESTIMATED QUANTITY	FRIABLE OR NON-FRIABLE	NESHAP TYPE
JE120225-02 thru 03	12”x12” White Floor Tile	2nd Floor Toilet	No Asbestos Detected	NA	NA	NA
JE120225-04	Associated Mastic of 12”x12” White Floor Tile	1st Floor Toilet	No Asbestos Detected	NA	NA	NA
JE120225-05 thru 06	Associated Mastic of 12”x12” White Floor Tile	2nd Floor Room	No Asbestos Detected	NA	NA	NA
JE120225-07 thru 09	12”x12” Light Brown Floor Tile	1st Floor Entrance	No Asbestos Detected	NA	NA	NA
JE120225-10 thru 12	Associated Mastic of 12”x12” Light Brown Floor Tile	1st Floor Entrance	No Asbestos Detected	NA	NA	NA
JE120225-13 thru 15	**9”x9” Floor Tile**	**1st Floor Toilet**	**6% Chrysotile**	**100 SF**	**NON-FRIABLE**	**CAT I**
JE120225-16 thru 18	Associated Mastic for 9”x9” Floor Tile	1st Floor Toilet	No Asbestos Detected	NA	NA	NA
JE120225-19 thru 21	Stair Treads	1st Floor Leading to 2nd Floor	No Asbestos Detected	NA	NA	NA
JE120225-22 thru 24	Associated Mastic Stair Treads	1st Floor Leading to 2nd Floor	No Asbestos Detected	NA	NA	NA
JE120225-25	Vermiculite Insulation	1st Floor Toilet	No Asbestos Detected	NA	NA	NA
JE120225-26 thru 27	Vermiculite Insulation	1st Floor Living Room	No Asbestos Detected	NA	NA	NA
JE120225-28 thru 30	Plaster Wall	Living Room	No Asbestos Detected	NA	NA	NA
JE120225-31 thru 33	Mortar Chimney	Living Room	No Asbestos Detected	NA	NA	NA
JE120225-34 thru 36	**Textured Drywall**	**2nd Floor**	**2% Chrysotile**	**1,000 SF**	**NON-FRIABLE**	**CAT II**
JE120225-37 thru 39	**Gray Siding**	**Exterior of House**	**2% Chrysotile**	**5,000 SF**	**NON-FRIABLE**	**CAT I**
JE120225-40 thru 42	**Window Glazing**	**1st Floor Living Room**	**3% Chrysotile**	**10 SF**	**NON-FRIABLE**	**CAT I**

IDPH and EPA define an asbestos-containing material (ACM) as any material containing greater than one percent (>1%) asbestos. Locations and quantities are provided for reference only. Estimated quantities should not be used for bidding purposes. Abatement contractor must field verify estimated quantities. Materials may exist in other areas not noted. **Bold** indicates asbestos-containing material.

Category I nonfriable asbestos-containing material (ACM) means asbestos-containing packings, gaskets, resilient floor covering, and asphalt roofing products containing more than one percent asbestos as determined using the Polarized Light Microscopy method.

Category II nonfriable ACM means any material, exc1uding Category I nonfriable ACM, containing more than one percent asbestos as determined using the Polarized Light Microscopy method

Friable means when dry, a material cannot be crumbled, pulverized, or reduced to powder by hand pressure.

Table II: Summary of Asbestos-Containing Materials Survey Results
Transmission Electron Microscopy

SAMPLE ID	MATERIAL DESCRIPTION	MATERIAL LOCATION	LABORATORY RESULT (TEM)	COMMENTS
JE120225-01	12”x12” White Floor Tile	1st Floor Toilet	No Asbestos Detected	
JE120225-04	Associated Mastic of 12”x12” White Floor Tile	1st Floor Toilet	No Asbestos Detected	
JE120225-07	12”x12” Light Brown Floor Tile	1st Floor Entrance	No Asbestos Detected	
JE120225-10	Associated Mastic of 12”x12” Light Brown Floor Tile	1st Floor Entrance	No Asbestos Detected	

3.2 Lead-Based Paint Survey

Lead is a heavy metal that can cause health effects from human exposure. Lead is commonly found in industrial paints and coatings. However, beginning in 1978, lead use in consumer paints was restricted. In particular, the U.S. Consumer Products Safety Commission restricted the amount of lead to no more than 0.06 per cent by weight. This value is equivalent to 600 parts per million (ppm) of lead. *Lead-based paint* is defined by the US Department of Housing and Urban Development (HUD) as paint or other surface coatings that contain lead equal to or greater than 5000 parts per million (ppm), 5000 milligrams per Kilogram (mg/Kg), or 0.5 percent by weight. Surface coatings include paint, shellac, varnish, or any other coating, including wallpaper which covers painted surfaces.

3.2.1 Suspect Lead-Based Paint Sample Collection

The lead-based paint survey consisted of visually inspecting the painted survey areas to determine representative paint histories and to collect random samples utilizing an X-ray fluorescence (XRF) spectrum analyzer. The lead-based paint testing was limited to major building components and locations with damaged or peeling paint only. Sampling of suspect lead-based paint (LBP) components and/or surfaces was conducted following the U.S. Department of Housing and Urban Development (HUD) guidelines of June 1995 for single family housing, Chapter 7, Lead Based Paint Inspection, 2012 Revision, and the EPA and HUD’s Performance Characteristics Sheet for the RMD LPA-1 XRF lead paint analysis system. There may be materials that were not identified, because they were located in inaccessible areas and not available at the time of inspection.

Table II identifies the lead painted components and/or surfaces as defined by HUD. See Appendix C for a complete testing log of all XRF measurements collected for this survey.

3.2.2 Lead-Based Paint Survey Methodology

Sampling of visible and accessible suspect lead-based painted components and/or surfaces was conducted following protocol similar to the U.S. Department of Housing and Urban Development (HUD) guidelines of June 1995 for single family housing, Chapter 7: Lead-Based Paint Inspection 2012 Revision. These guidelines apply to residential properties. The lead-based paint testing was limited to major building components and locations with damaged or

peeling paint only. There may be materials that were not identified, because they were located in inaccessible areas and not available at the time of inspection.

The inspector categorized components in poor condition if the paint damage was greater than three square feet (3 ft^2). Components were categorized in fair condition when paint damage was less than three square feet (3 ft^2). Components in an intact condition represent no visible paint damage. Visual assessments noting the condition of suspect materials described in this report are representative of those conditions present at the time of the survey.

Table III identifies the potential lead painted components and/or surfaces which were included in the survey scope. See **Appendix C** for the laboratory report and chain of custody record for the paint chip samples collected for this survey.

Table II: Summary of Lead-Based Paint Survey Results

MATERIAL LOCATION	COMPONENT	SUBSTRATE	COLOR	CONDITION	RESULT (mg/cm^2)
No LBP was found. See Appendix C for complete XRF Results.					

Painted surfaces which indicate a concentration of ≥1.0 milligram per centimeter squared (mg/cm^2) of surface area are considered to be lead-based paint as defined by HUD.

3.3 Hazardous Materials Survey

3.3.1 Hazardous Material Survey

The survey consisted of a visual inspection to determine the location and quantity of hazardous and potentially hazardous materials that may require special disposal considerations. The entire subject property was vacant and there were no access restrictions.

3.3.2 Hazardous Material Survey Methodology

Table IV identifies the materials found in this building and approximate quantities of the materials. The hazardous material survey consisted of visually inspecting the subject property to determine the presence and location of polychlorinated-biphenyl (PCB) containing equipment and materials (lighting ballasts), and mercury-containing equipment and materials (Fluorescent Bulbs, Safety Switches, Switch Boards and Exit Signs), and other potentially hazardous chemicals found within the building. Sampling and analysis of PCBs, mercury, etc., was not part of the scope of work of the survey. Materials were classified as hazardous based on historical usage. Hazardous materials identified during the survey are summarized in **Table IV**.

Table IV: Summary of Hazardous Material Survey Results

Category	Item	Quantity	Units	Location	Comment
Chemicals	Propane Tanks	1	Each	Kitchen	
Other/Universal Waste	Circuit Panel/Fuse Box	2	Each	Basement	

4.0 CONCLUSIONS AND RECOMMENDATIONS

Carnow Conibear was retained by Tetra Tech to perform a survey for asbestos-containing material, lead-based paint, and hazardous materials located at 15337 S. Myrtle Drive, Harvey, Illinois. The survey was limited to visible and accessible interior locations within the subject site.

Based on the survey results, Carnow Conibear offers the following conclusions and recommendations:

- Results of the asbestos-containing material survey confirm that asbestos-containing materials were identified at the subject site.
- Any newly discovered materials should be assumed to contain asbestos or must be sampled prior to any future demolition work.
- Results of the lead-based paint survey did not confirm that lead-based paint as defined by HUD was identified at the subject site.
- Incorporate the data from this report into future demolition documents regarding the presence of asbestos-containing materials, lead-based paint, and hazardous materials, as applicable.
- All future hazardous material removal and/or demolition work shall be conducted by a licensed contractor in accordance with all applicable local, state, and federal regulations.
- Prior to demolition; remove, dispose, and/or recycle all regulated universal, special and/or hazardous waste materials as identified in this report.
- Document all environmental work activities and retain records.

Carnow Conibear has applied prevailing industry standards and reasonable judgment and effort within the scope of work outlined in Carnow Conibear's proposal, while conducting the asbestos-containing material and lead-based paint survey. The standards, judgment, and effort used by Carnow Conibear personnel to investigate, assess, and determine the presence of potential environmental hazards and liabilities associated with the subject building are consistent with requirements outlined in federal and state guidelines. Carnow Conibear makes no warranty, express or implied, that the findings and interpretations in this report are a complete representation of hazards and liabilities, associated with the building. Findings presented in this report are only indicative of conditions present during the time of the investigation and cannot be used to predict potential future or previous health effects on building occupants. The services performed by Carnow Conibear on this project have been conducted in a professional manner consistent with industry standards at the time of testing. There may be materials that were not identified, because they were located in inaccessible areas and not available at the time of inspection. Carnow Conibear made every reasonable effort to locate mechanical systems and other inconspicuous materials.

The information contained in this report was prepared based upon specific test parameters requested by the Client. and regulations in force at the time of the report. The information herein is only for the specific use of the Client and Carnow Conibear. Carnow Conibear accepts no responsibility for the use, reuse, interpretation, or reliance by other parties on the information contained herein, unless written authorization has been obtained from Carnow Conibear. Carnow Conibear bears no responsibility for the implementation of recommendations included in this report unless specifically requested to do so by the Client

APPENDICES

Appendix A Current License and Certifications
Appendix B Asbestos Laboratory Report and Chain of Custody Documentation
Appendix C Lead-Based Paint Laboratory Report and Chain of Custody Documentation
Appendix D Photographic Documentation

APPENDIX A

Current Licenses and Certifications

IDPH
ILLINOIS DEPARTMENT OF PUBLIC HEALTH

525-535 West Jefferson Street · Springfield, Illinois 6

IDPH ASBESTOS PROFESSIONAL LICENSE

ID NUMBER	ISSUED	EXPIRES
100 - 06435	6/14/2025	05/15/2026

JOSE A ESCOBEDO
5715 BROADWAY ST
RICHMOND, IL 60071
Environmental Health



JOSE A ESCOBEDO
5715 BROADWAY ST
RICHMOND, IL 60071

6/14/2025

ASBESTOS PROFESSIONAL LICENSE ID NUMBER: 06435

Enclosed is your Asbestos Professional License. Please note the expiration date on the card and in the image depicted below.

COPY OF THE ASBESTOS PROFESSIONAL LICENSE

Front of License

IDPH

ASBESTOS PROFESSIONAL LICENSE

ID NUMBER	ISSUED	EXPIRES
100 - 06435	6/14/2025	05/15/2026

JOSE A ESCOBEDO
5715 BROADWAY ST
RICHMOND, IL 60071
Environmental Health



Back of License

ENDORSEMENTS	TC EXPIRES
SUPERVISOR/WORKER	1/11/2026
INSPECTOR	9/13/2025
PROJECT MANAGER	1/11/2026
AIR SAMPLING PROFESSIONAL	

Alteration of this license shall result in legal action
This license issued under authority of the State of Illinois Department of Public Health
This license is valid only when accompanied by a valid training course certificate.

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

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

PROTECTING HEALTH, IMPROVING LIVES
Nationally Accredited by PHAB

IDPH

LEAD RISK ASSESSOR LICENSE

LEAD ID	ISSUED	EXPIRES
1003874	4/9/2025	1/31/2026



Fernando J Rea
1044 W 18Th St
Chicago, IL 60608

ILLINOIS LEAD PROGRAM
Environmental Health

Alteration of this license shall result in legal action

RISK ASSESSOR CERTIFICATE EXPIRES

1/29/2028

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 found return to 525 W.Jefferson St Springfield, IL 62761

APPENDIX B

Asbestos Laboratory Report and Chain of Custody Documentation

EMSL Analytical, Inc.

4140 Litt Drive Hillside, IL 60162

Tel/Fax: (773) 313-0099 / (773) 313-0139

http://www.EMSL.com / chicagolab@emsl.com

EMSL Order:	262511464
Customer ID:	CARN81
Customer PO:	
Project ID:	

Attention:	Jose Escobedo	**Phone:**	(815) 861-3439
	Carnow, Conibear, & Assoc. Ltd	**Fax:**	(312) 782-5145
	600 West Van Buren Street	**Received Date:**	12/02/2025 3:00 PM
	Suite 500	**Analysis Date:**	12/03/2025
	Chicago, IL 60607	**Collected Date:**	12/02/2025
Project:	A163440003		

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
JE120225-01 *262511464-0001*	1ST FLR Toilet - 12"X12" White FLR Tile	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120225-02 *262511464-0002*	2nd FLR Room - 12"X12" White FLR Tile	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120225-03 *262511464-0003*	2nd FLR Room - 12"X12" White FLR Tile	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120225-04 *262511464-0004*	1ST FLR Toilet - Associated Mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120225-05 *262511464-0005*	2nd FLR Room - Associated Mastic	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120225-06 *262511464-0006*	2nd FLR Room - Associated Mastic	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120225-07 *262511464-0007*	1ST FLR Entrance - 12"X12" light Brown FLR Tile	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120225-08 *262511464-0008*	1ST FLR Entrance - 12"X12" light Brown FLR Tile	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120225-09 *262511464-0009*	1ST FLR Entrance - 12"X12" light Brown FLR Tile	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120225-10 *262511464-0010*	1ST FLR Entrance - Associated Mastic	Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120225-11 *262511464-0011*	1ST FLR Entrance - Associated Mastic	Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120225-12 *262511464-0012*	1ST FLR Entrance - Associated Mastic	Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120225-13 *262511464-0013*	1ST FLR Toilet - 9"x9" FLR Tile	Gray Non-Fibrous Homogeneous		94% Non-fibrous (Other)	**6% Chrysotile**
JE120225-14 *262511464-0014*	1ST FLR Toilet - 9"x9" FLR Tile	Gray Non-Fibrous Homogeneous		94% Non-fibrous (Other)	**6% Chrysotile**
JE120225-15 *262511464-0015*	1ST FLR Toilet - 9"x9" FLR Tile	Gray Non-Fibrous Homogeneous		94% Non-fibrous (Other)	**6% Chrysotile**
JE120225-16 *262511464-0016*	1ST FLR Toilet - Associated Mastic	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 12/03/2025 16:38:25

EMSL Analytical, Inc.
4140 Litt Drive Hillside, IL 60162
Tel/Fax: (773) 313-0099 / (773) 313-0139
http://www.EMSL.com / chicagolab@emsl.com

EMSL Order: 262511464
Customer ID: CARN81
Customer PO:
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
JE120225-17 *262511464-0017*	1ST FLR Toilet - Associated Mastic	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120225-18 *262511464-0018*	1ST FLR Toilet - Associated Mastic	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120225-19 *262511464-0019*	1ST FLR Leading to 2nd FLR - Stair Treads	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120225-20 *262511464-0020*	1ST FLR Leading to 2nd FLR - Stair Treads	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120225-21 *262511464-0021*	1ST FLR Leading to 2nd FLR - Stair Treads	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120225-22 *262511464-0022*	1ST FLR Leading to 2nd FLR - Associated Mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120225-23 *262511464-0023*	1ST FLR Leading to 2nd FLR - Associated Mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120225-24 *262511464-0024*	1ST FLR Leading to 2nd FLR - Associated Mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120225-25 *262511464-0025*	1ST FLR Toilet - Vermiculite insulation	Gray/Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
Vermiculite is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep or TEM Qualitative					
JE120225-26 *262511464-0026*	Livingroom - Vermiculite insulation	Gray/Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
Vermiculite is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep or TEM Qualitative					
JE120225-27 *262511464-0027*	Livingroom - Vermiculite insulation	Gray/Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
Vermiculite is a problem matrix. Other analytical options are recommended such as EPA 600 PLM/TEM with milling prep or TEM Qualitative					
JE120225-28 *262511464-0028*	Livingroom - Plaster Wall	Gray Non-Fibrous Homogeneous	2% Hair	98% Non-fibrous (Other)	None Detected
JE120225-29 *262511464-0029*	Livingroom - Plaster Wall	Gray Non-Fibrous Homogeneous	2% Hair	98% Non-fibrous (Other)	None Detected
JE120225-30-Skim Coat *262511464-0030*	Livingroom - Plaster Wall	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120225-30-Base Coat *262511464-0030A*	Livingroom - Plaster Wall	Gray Non-Fibrous Homogeneous	2% Hair	98% Non-fibrous (Other)	None Detected
JE120225-31 *262511464-0031*	Livingroom - Mortor Chimney	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120225-32 *262511464-0032*	Livingroom - Mortor Chimney	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120225-33 *262511464-0033*	Livingroom - Mortor Chimney	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 12/03/2025 16:38:25

EMSL Analytical, Inc.

4140 Litt Drive Hillside, IL 60162

Tel/Fax: (773) 313-0099 / (773) 313-0139

http://www.EMSL.com / chicagolab@emsl.com

EMSL Order:	262511464
Customer ID:	CARN81
Customer PO:	
Project ID:	

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
JE120225-34-Texture *262511464-0034*	2nd FLR - Texture Drywall	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120225-34-Drywall *262511464-0034A*	2nd FLR - Texture Drywall	Brown/White Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
JE120225-35-Texture *262511464-0035*	2nd FLR - Texture Drywall	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
JE120225-35-Drywall *262511464-0035A*	2nd FLR - Texture Drywall	Brown/White Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
JE120225-36 *262511464-0036*	2nd FLR - Texture Drywall	Brown/White Non-Fibrous Homogeneous	10% Cellulose 2% Glass	88% Non-fibrous (Other)	None Detected
JE120225-37 *262511464-0037*	Exterior of House - Gray Siding	Brown/Gray/Black Fibrous Homogeneous	60% Cellulose	40% Non-fibrous (Other)	None Detected
JE120225-38 *262511464-0038*	Exterior of House - Gray Siding	Brown/Gray/Black Fibrous Homogeneous	60% Cellulose	40% Non-fibrous (Other)	None Detected
JE120225-39 *262511464-0039*	Exterior of House - Gray Siding	Gray/Black Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
JE120225-40 *262511464-0040*	1st FLR Livingroom - Window Caulk	Gray Non-Fibrous Homogeneous		98% Non-fibrous (Other)	**2% Chrysotile**
JE120225-41 *262511464-0041*	1st FLR Livingroom - Window Caulk	Gray Non-Fibrous Homogeneous		98% Non-fibrous (Other)	**2% Chrysotile**
JE120225-42 *262511464-0042*	1st FLR Livingroom - Window Caulk	Gray/White Non-Fibrous Homogeneous		97% Non-fibrous (Other)	**3% Chrysotile**

Analyst(s)

Emily Weslow (14)
Mazen Elkhatib (15)
Shamya Pugh (16)

James Hahn, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 “Interim Method”) but augmented with procedures outlined in the 1993 (”final”) version of the method. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc. Hillside, IL NVLAP Lab Code 200399-0

Initial report from: 12/03/2025 16:38:25

EMSL Analytical, Inc.
4140 Litt Drive Hillside, IL 60162
Tel/Fax: (773) 313-0099 / (773) 313-0139
http://www.EMSL.com / chicagolab@emsl.com

EMSL Order: 262511464
Customer ID: CARN81
Customer PO:
Project ID:

Attention: Jose Escobedo
Carnow, Conibear, & Assoc. Ltd
600 West Van Buren Street
Suite 500
Chicago, IL 60607
Project: A163440003

Phone: (815) 861-3439
Fax: (312) 782-5145
Received Date: 12/02/2025 3:00 PM
Analysis Date: 12/03/2025 - 12/10/2025
Collected Date: 12/02/2025

Test Report: Asbestos Analysis of Non-Friable Organically Bound Materials by TEM via EPA/600/R-93/116 Section 2.5.5.1

Sample ID	Description	Appearance	% Matrix Material	% Non-Asbestos Fibers	Asbestos Types
JE120225-01 *262511464-0001*	1ST FLR Toilet - 12"X12" White FLR Tile	White Fibrous Heterogeneous	100.0 Other	None	No Asbestos Detected
JE120225-04 *262511464-0004*	1ST FLR Toilet - Associated Mastic	Yellow Fibrous Heterogeneous	100.0 Other	None	No Asbestos Detected
JE120225-07 *262511464-0007*	1ST FLR Entrance - 12"X12" light Brown FLR Tile	Gray Fibrous Heterogeneous	100.0 Other	None	No Asbestos Detected
JE120225-10 *262511464-0010*	1ST FLR Entrance - Associated Mastic	Clear Fibrous Heterogeneous	100.0 Other	None	No Asbestos Detected

Analyst(s)

James Hahn (4)

James Hahn, Laboratory Manager
or other approved signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. EMSL recommends that samples reported as none detected or <1% undergo additional analysis via PLM to avoid the possibility of false negatives.

Samples analyzed by EMSL Analytical, Inc. Hillside, IL

Initial report from: 12/03/2025 15:38:29

OrderID: 262511464

262511464

Carnow, Conibear & Assoc., Ltd.
Environmental Consulting Services
600 West Van Buren St., Suite 500, Chicago, IL 60607
T 312.782.4488 f: 312 782 5145
www.ccaltd.com

CHAIN OF CUSTODY RECORD
PLM ASBESTOS

CARNOW CONIBEAR

Client:	Tetratech	**Project #:**	A163440003
Street Address:	15337 S. Myrtle Drive	**Project Name:**	
City, State, Zip:	Harvey, IL	**Project Location:**	Residence
Date:	12-2-2025		
Turn Around:	2-Day	**Project Manager:**	Dylan Gerhart
		Inspector:	Jose Escobedo

SAMPLE ID / NUMBER:	SAMPLE DESCRIPTION / LOCATION	
JE20225 01	12"X12" White FLR Tile	1ST FLR Toilet
02		2nd FLR Room
03		
04	Associated Mastic	1ST FLR Toilet
05		2nd FLR Room
06		
07	12"X12" light Brown FLR Tile	1ST FLR Entrance
08		
09		
10	Associated Mastic	
11		
12		
13	9"X9" FLR Tile	1ST FLR Toilet
14		
15		
16	Associated Mastic	
17		
18		
19	Stair Treads	1ST FLR leading to 2nd FLR
20		
21		
22	Associated Mastic	
23		
24		

Comments:

Please email results to dgerhart@ccaltd.com/jescobedo@ccaltd.com

Relinquished By / Date / Time: Jose Escobedo 12-2-2025

Received By / Date / Time: 12/2/25 3:00 PM WI

Relinquished By / Date / Time:

Received By / Date / Time:

E - 754

OrderID: 262511464

Carnow, Conibear & Assoc., Ltd.
Environmental Consulting Services
600 West Van Buren St., Suite 500, Chicago, IL 60607
T 312 782 4488 f. 312 782 5145
www.ccaltd.com

CHAIN OF CUSTODY RECORD
PLM ASBESTOS

CARNOW CONIBEAR

Client: Tetra tech
Street Address: 15337 S. Myrtle Drive
City, State, Zip: Harvey, IL
Date: 12-2-2025
Turn Around: 2-Day

Project #: A1634400003
Project Name:
Project Location: Residence
Project Manager: Dylan Gerhardt
Inspector: Jose Escobedo

SAMPLE ID / NUMBER:	SAMPLE DESCRIPTION / LOCATION	
JE120225-25	Vermiculite insulation	1st FLR Toilet
26		kivingroom
27		
28	Plaster Wall	Livingroom
29		
30		
31	Mortor Chimney	
32		
33		
34	Texture DryWall	2nd FLR.
35		
36		
37	Gray Siding	Exterior of House
38		
39		
40	Window Caulk	1st FLR Livingroom
41		
42		

Comments:
Please email results to dgerhardt@carnowconibear.com / escobedo@carnowconibear.com

Relinquished By / Date / Time: Jose Escobedo 12-2-2025
Received By / Date / Time: 12/2/25 3:00 PM WI
Relinquished By / Date / Time:
Received By / Date / Time:

APPENDIX C

Lead-Based Paint Laboratory Report and Chain of Custody Documentation

Lead Based Paint XRF Data Sheet

Client: Tetra Tech | Building Address: 15337 S. Myrtle Drive | City: Harvey | Inspection Date: 12/2/2025

Area Description: Residence | State: IL | Inspector: Cares Bailey | License #: 1003166

XRF Serial #: | XRF Instrument: Heuresis Pb200e/Sciaps X-500 | XRF Unit /File #: | Inspector's Signature:

XRF Test Shot #	Test Location	Component	Substrate	Color	Condition Assessment Deterioration Present?	Estimated Damage	XRF Reading mg/cm²	Classification P=Positive ≥1.0 N=Negative <1.0
07	15331- Front Room	South Wall	Plaster	White	Y N		0.1	P N
08	**15331- Front Room**	**South Wall Baseboard**	**Wood**	**White**	**Y N**		**3.8**	**P N**
09	**15331- Front Room**	**Windowsill**	**Wood**	**White**	**Y N**		**3.5**	**P N**
10	15331- Kitchen	South Wall	Drywall	Green	Y N		0.1	P N
11	**15331- Kitchen**	**Door Frame to Dinning Room**	**Wood**	**White**	**Y N**		**5.7**	**P N**
12	15331- Kitchen	Pantry Door Frame	Wood	White	Y N		0.2	P N
13	15331- Kitchen	Pantry Door Jamb	Wood	White	Y N		0.3	P N
14	15331-Hallway	Floor	Wood	Brown	Y N		0.2	P N
15	15331-Hallway	Stair Rail	Wood	Brown	Y N		0.1	P N
16	15331-Hallway	Stair Tread	Wood	Brown	Y N		0.2	P N
17	**15331-Bedroom**	**North Wall**	**Plaster**	**Blue**	**Y N**		**1.4**	**P N**
18	**15331-Bedroom**	**Windowsill**	**Wood**	**White**	**Y N**		**1.8**	**P N**
19	**15331-Bedroom**	**Door Frame**	**Wood**	**White**	**Y N**		**2.0**	**P N**
20	**15331-Bathroom**	**Door**	**Wood**	**White**	**Y N**		**2.3**	**P N**
21	**15331-Bathroom**	**Door Frame**	**Wood**	**White**	**Y N**		**1.3**	**P N**
22	**15331- Master Bedroom**	**South Wall**	**Plaster**	**White**	**Y N**		**2.5**	**P N**
23	15337- Living Room	Column	Plaster	Light Blue	Y N		0.3	P N
24	15337- Living Room	Windowsill	Wood??	Brown	Y N		0.1	P N
25	15337- Hallway	Stairwell	Wood	Brown	Y N		0.2	P N
26	15337-Bedroom	East Wall	Plaster	Pink	Y N		0.3	P N
27	15337- Basement	South Wall	Drywall	White	Y N		0.2	P N
28	15337- Front Door	Door Frame	Wood	White	Y N		0.0	P N

CARNOW CONIBEAR

Carnow, Conibear & Assoc., Ltd.
Environmental Consulting Services
600 W. Van Buren St., Suite 500, Chicago, IL 60607
t: 312 782 4486 f: 312 782 5145
www.ccaltd.com

CARNOW CONIBEAR

XRF CALIBRATION CHECK TEST RESULTS

Client: Tetra Tech Date: 12/2/25

Address: 1 S Wacker Dr #3700, Chicago, IL 60606

XRF Serial #: 2239

XRF Instrument: Viken Detection Pb200e

Inspector/License #: Cares Bailey 1003166

XRF Unit File #:

Calibration Check Tolerance Used: +/- 0.2 mg/cm² on 1. mg/cm² - , Standard

Time Corrected Mode – Duration of Test is seconds long

CALIBRATION CHECK (Bare Wood)

Calibration Time	1st Reading	2nd Reading	3rd Reading	Average Reading	Difference From Average & 0.0 mg/cm²	Acceptable Yes/No
10:31	0.0	0.1	0.1	0.06		Yes

CALIBRATION CHECK (Painted)

Calibration Time	1st Reading	2nd Reading	3rd Reading	Average Reading	Difference Between Average & 0.0 mg/cm²	Acceptable Yes/No
10:32	1.0	1.1	1.0	1.03		Yes

CALIBRATION CHECK (Painted)

Calibration Time	1st Reading	2nd Reading	3rd Reading	Average Reading	Difference Between Average & 0.0 mg/cm²	Acceptable Yes/No
12:30pm	1.0	0.9	1.0	0.97		Yes

CALIBRATION CHECK ( )

Calibration Time	1st Reading	2nd Reading	3rd Reading	Average Reading	Difference Between Average & 0.0 mg/cm²	Acceptable Yes/No

APPENDIX D

Photographic Documentation



Photo 1 - 9”x9” Floor Tile (ACM) in bathroom



Photo 2 - Textured Drywall on second floor(ACM)



Photo 3 – Exterior Grey Asphalt Siding under White Vinyl Siding (ACM)



Photo 4 – Window Glazing (ACM)

CARNOW CONIBEAR

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METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

CONTRACT 18-249-BF

DEMOLITION FOR CENTRAL PARK STORMWATER DETENTION BASIN AND SEPARATE STORM SEWER IMPROVEMENTS IN HARVEY

APPENDIX F – PLAT OF SURVEY
TABLE OF CONTENTS

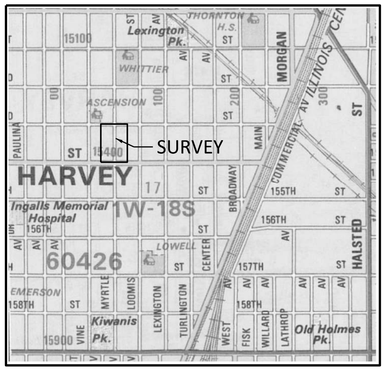
Pg No.	Parcel (PCL) No.	Address
F-1		15300 – 15337 S. Myrtle Avenue, Harvey, IL, 60426
F-2	PCL 1	15300 S. Myrtle Avenue, Harvey, IL 60426
F-3	PCL 2	15302 S. Myrtle Avenue, Harvey, IL 60426
F-4	PCL 3	15306 S. Myrtle Avenue, Harvey, IL 60426
F-5	PCL 4	15308 S. Myrtle Avenue, Harvey, IL 60426
F-6	PCL 5	15310 S. Myrtle Avenue, Harvey, IL 60426
F-7	PCL 6	15314 S. Myrtle Avenue, Harvey, IL 60426
F-8	PCL 7	15318 S. Myrtle Avenue, Harvey, IL 60426
F-9	PCL 8	15320 S. Myrtle Avenue, Harvey, IL 60426
F-10	PCL 9	15324 S. Myrtle Avenue, Harvey, IL 60426
F-11	PCL 10	15328 S. Myrtle Avenue, Harvey, IL 60426
F-12	PCL 11	15332 S. Myrtle Avenue, Harvey, IL 60426
F-13	PCL 12	15332 S. Myrtle Avenue, Harvey, IL 60426
F-14	PCL 13	15334 S. Myrtle Avenue, Harvey, IL 60426
F-15	PCL 14	15336 S. Myrtle Avenue, Harvey, IL 60426
F-16	PCL 15	15338 S. Myrtle Avenue, Harvey, IL 60426
F-17	PCL 16	15301 S. Myrtle Avenue, Harvey, IL 60426
F-18	PCL 17	15305 S. Myrtle Avenue, Harvey, IL 60426
F-19	PCL 18	15307 S. Myrtle Avenue, Harvey, IL 60426
F-20	PCL 19	15315 S. Myrtle Avenue, Harvey, IL 60426

F-21	PCL 20	15317 S. Myrtle Avenue, Harvey, IL 60426
F-22	PCL 21	15317 S. Myrtle Avenue, Harvey, IL 60426
F-23	PCL 22	15321 S. Myrtle Avenue, Harvey, IL 60426
F-24	PCL 23	15323 S. Myrtle Avenue, Harvey, IL 60426
F-25	PCL 24	15327 S. Myrtle Avenue, Harvey, IL 60426
F-26	PCL 25	15327 S. Myrtle Avenue, Harvey, IL 60426
F-27	PCL 26	15329 S. Myrtle Avenue, Harvey, IL 60426
F-28	PCL 27	15331 S. Myrtle Avenue, Harvey, IL 60426
F-29	PCL 28	15333 S. Myrtle Avenue, Harvey, IL 60426
F-30	PCL 29	15333 S. Myrtle Avenue, Harvey, IL 60426
F-31	PCL 30	15337 S. Myrtle Avenue, Harvey, IL 60426
F-32	PCL 31	15337 S. Myrtle Avenue, Harvey, IL 60426

PLAT OF SURVEY

LOT 29 TO LOT 48 IN BLOCK 74 AND LOT 1 TO LOT 20 IN BLOCK 75 OF HARVEY, A SUBDIVISION OF PART OF THE SOUTH HALF OF SECTION 17, TOWNSHIP 36 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED MAY 23, 1890, AS DOCUMENT NO. 1274898, IN COOK COUNTY, ILLINOIS.

(SEE INDIVIDUAL SHEETS FOR PARCEL LEGAL DESCRIPTIONS)



LOCATION MAP

NO SCALE

PARCEL EXHIBITS

PARCEL	TITLE FILE	PIN	STREET ADDRESS	SHEET
4	22010656LFE	29-17-113-021	15300 MYRTLE AVE	2
5	22010657LFE	29-17-113-022	15302 MYRTLE AVE	3
6	22010658LFE	29-17-113-023	15306 MYRTLE AVE	4
7	22010659LFE	29-17-113-024	15308 MYRTLE AVE	5
8	22010660LFE	29-17-113-025	15310 MYRTLE AVE	6
9	22010661LFE	29-17-113-026	15314 MYRTLE AVE	7
10	22010662LFE	29-17-113-027	15318 MYRTLE AVE	8
11	22010663LFE	29-17-113-028	15320 MYRTLE AVE	9
12	22010664LFE	29-17-113-029	15324 MYRTLE AVE	10
13	22010665LFE	29-17-113-030	15328 MYRTLE AVE	11
14	22010666LFE	29-17-113-031	15332 MYRTLE AVE	12
15	22010667LFE	29-17-113-032	VACANT LAND	13
16	22010668LFE	29-17-113-033	15334 MYRTLE AVE	14
17	22010669LFE	29-17-113-034	15336 MYRTLE AVE	15
18	22010670LFE	29-17-113-035	15338 MYRTLE AVE	16
23	22010671LFE	29-17-114-001	15301 MYRTLE AVE	17
24	22010672LFE	29-17-114-002	15305 MRYTLE AVE	18
25	22010673LFE	29-17-114-003	15307 MRYTLE AVE	19
26	22010674LFE	29-17-114-004	15311 MRYTLE AVE	20
27	22010675LFE	29-17-114-005	VACANT LAND	21
28	22010676LFE	29-17-114-006	15317 MRYTLE AVE	22
29	22010677LFE	29-17-114-007	15321 MRYTLE AVE	23
30	22010678LFE	29-17-114-008	15323 MRYTLE AVE	24
31	22010679LFE	29-17-114-009	VACANT LAND	25
32	22010680LFE	29-17-114-010	15327 MRYTLE AVE	26
33	22010681LFE	29-17-114-011	15329 MRYTLE AVE	27
34	22010682LFE	29-17-114-012	15331 MRYTLE AVE	28
35	22010683LFE	29-17-114-013	15333 MRYTLE AVE	29
36	22010684LFE	29-17-114-014	VACANT LAND	30
37	22010685LFE	29-17-114-015	15337 MRYTLE AVE	31
38	22010686LFE	29-17-114-016	VACANT LAND	32

STATE OF ILLINOIS)
) SS
COUNTY OF COOK)

THIS IS TO CERTIFY THAT I AM AN ILLINOIS PROFESSIONAL LAND SURVEYOR AND THAT THIS SURVEY WAS MADE BY ME OR UNDER MY DIRECT SUPERVISION; THAT ALL DIMENSIONAL DETAILS ARE TO THE BEST OF MY KNOWLEDGE AND BELIEF CORRECT AS SHOWN HEREON; THAT ALL MONUMENTS FOUND OR ESTABLISHED AS SHOWN HEREON ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED.

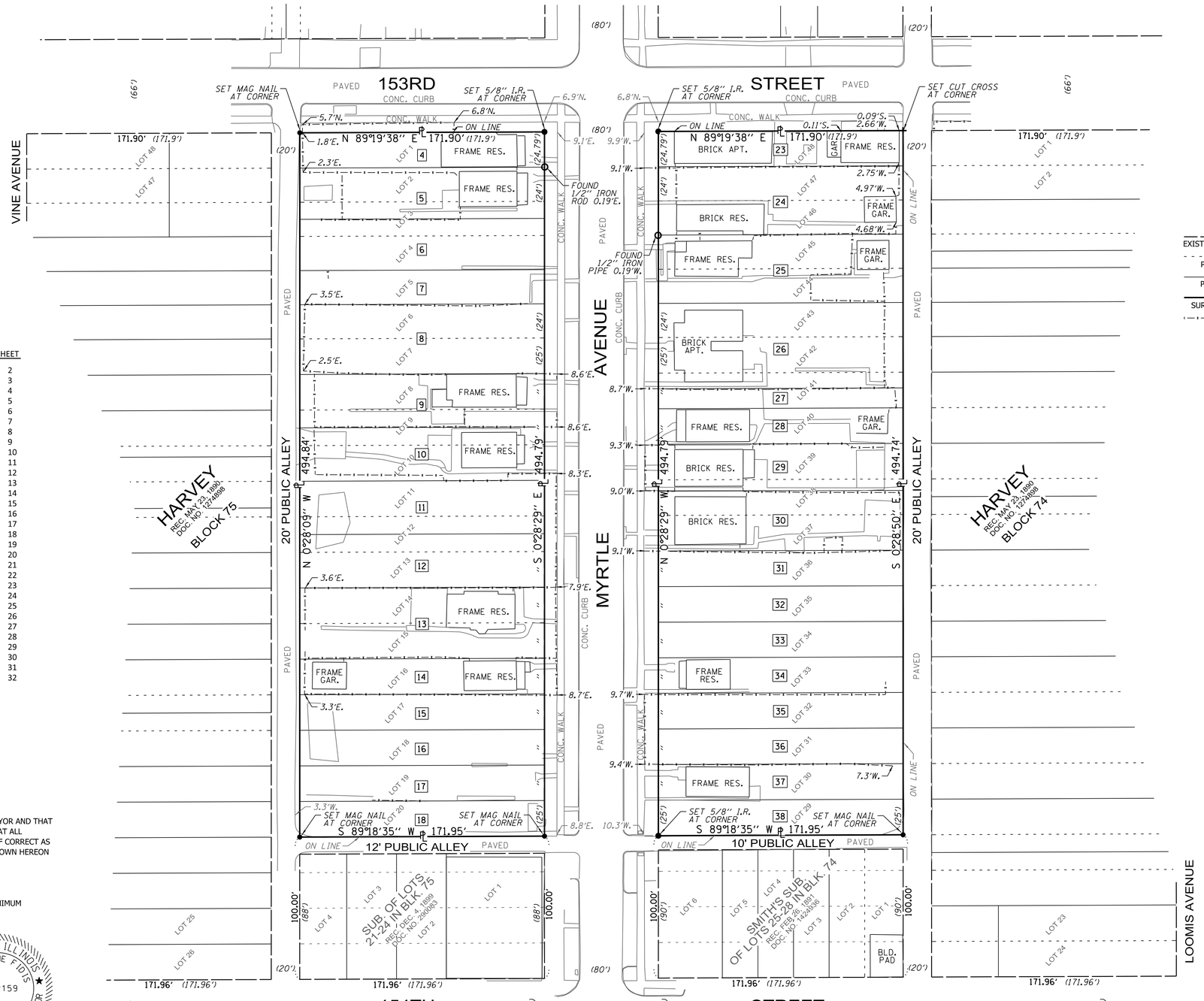
FIELD WORK COMPLETED NOVEMBER 2ND ,2023.

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

DATED THIS 9th DAY OF NOVEMBER 2023.

COVENTINE FIDIS ILLINOIS PROFESSIONAL
LAND SURVEYOR NUMBER 2159. LICENSE
EXPIRATION DATE NOVEMBER 30, 2024

STATE OF ILLINOIS · COVENTINE FIDIS · 35-2159 · CHICAGO, ILL. · PROFESSIONAL LAND SURVEYOR





BEARINGS AND DISTANCES
REFERENCED TO THE ILLINOIS STATE
PLANE COORDINATE SYSTEM, EAST ZONE,
NORTH AMERICAN DATUM OF 1983
(2011 ADJUSTMENT).

1" = 40'
0 20' 40' 60' 80'

LEGEND

EXISTING RIGHT OF WAY LINE	PARCEL ACQUISITION NUMBER
PLATTED LOT LINE	FOUND MONUMENT (AS NOTED)
PARCEL (PIN) LINE	SET MONUMENT (AS NOTED)
SURVEY PROPERTY LINE	123.45' MEASURED DATA
FENCE LINE	(543.21') RECORD DATA

PARCEL AREA SUMMARY

PARCEL	SQ. FT.	ACRE
4	4,266	0.098
5	6,189	0.142
6	6,189	0.142
7	4,123	0.095
8	8,424	0.193
9	6,447	0.148
10	6,447	0.148
11	6,447	0.148
12	6,447	0.148
13	8,597	0.197
14	4,298	0.099
15	4,298	0.099
16	4,299	0.099
17	4,299	0.099
18	4,299	0.099
23	4,257	0.098
24	8,251	0.189
25	8,252	0.189
26	10,315	0.237
27	2,407	0.055
28	4,298	0.099
29	5,673	0.130
30	7,221	0.166
31	4,298	0.099
32	4,298	0.099
33	4,298	0.099
34	4,298	0.099
35	4,298	0.099
36	4,299	0.099
37	4,299	0.099
38	4,299	0.099

TOTAL AREA OF SURVEY:
170,130 SQ.FT. OR 3.906 ACRES, MORE OR LESS

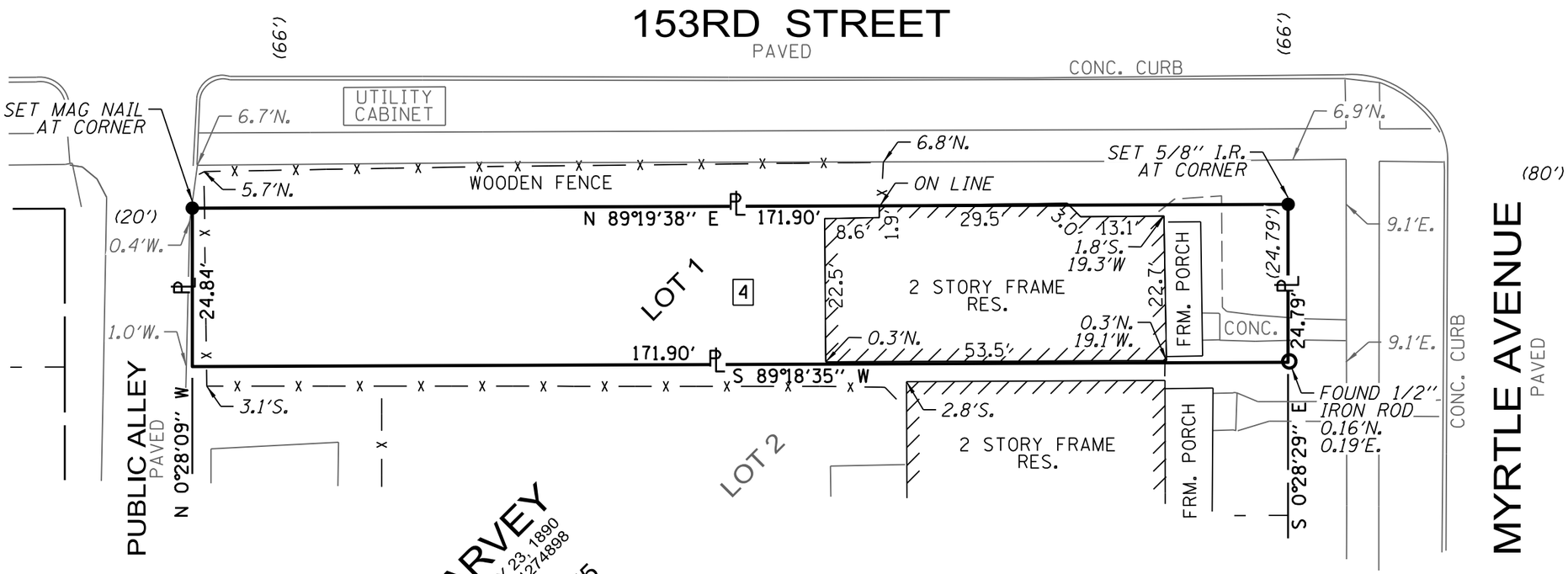
AMERICAN
SURVEYING & ENGINEERING, LTD.
ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-003192
www.americansurvey.com
Chicago: 200 N. LaSalle St. Suite 2630, Chicago, IL 60601 312-277-2000
Dixon: 841 N. Galena Avenue, Dixon, IL 61021 815-288-6231
Naperville: 1548 Bond St. Suite 100, Naperville IL 60563 630-897-4105

MWRD Parcel 1 PARCEL 4 EXHIBIT

LOT 1 IN BLOCK 75 IN HARVEY, A SUBDIVISION OF PART OF SECTION 17, TOWNSHIP 36 NORTH, RANGE 14, EAST OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, ILLINOIS.

15300 MYRTLE AVE, HARVEY, IL 60426

BEARINGS AND DISTANCES REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT).



LEGEND

PARCEL PROPERTY LINE	EXISTING RIGHT OF WAY LINE
PROPERTY (PIN) LINE	FENCE LINE
PLATTED LOT LINE	123.45' MEASURED DATA
	(543.21') RECORD DATA

[#] PARCEL ACQUISITION NUMBER

1" = 20'

0 10' 20' 30' 40'

F-2

AMERICAN
SURVEYING & ENGINEERING, LTD.
ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-003192

EULOGIO M SALGADO

PIN: 29-17-113-021

PARCEL AREA 4,265 SQ. FT. OR 0.098 AC.

4

HARVEY FLOOD CONTROL
CHICAGO TITLE INSURANCE COMPANY
COMMITMENT NO. 22010656LFE

PRINT DATE: 11/9/2023

219015.1_Plat Sheets.dgn

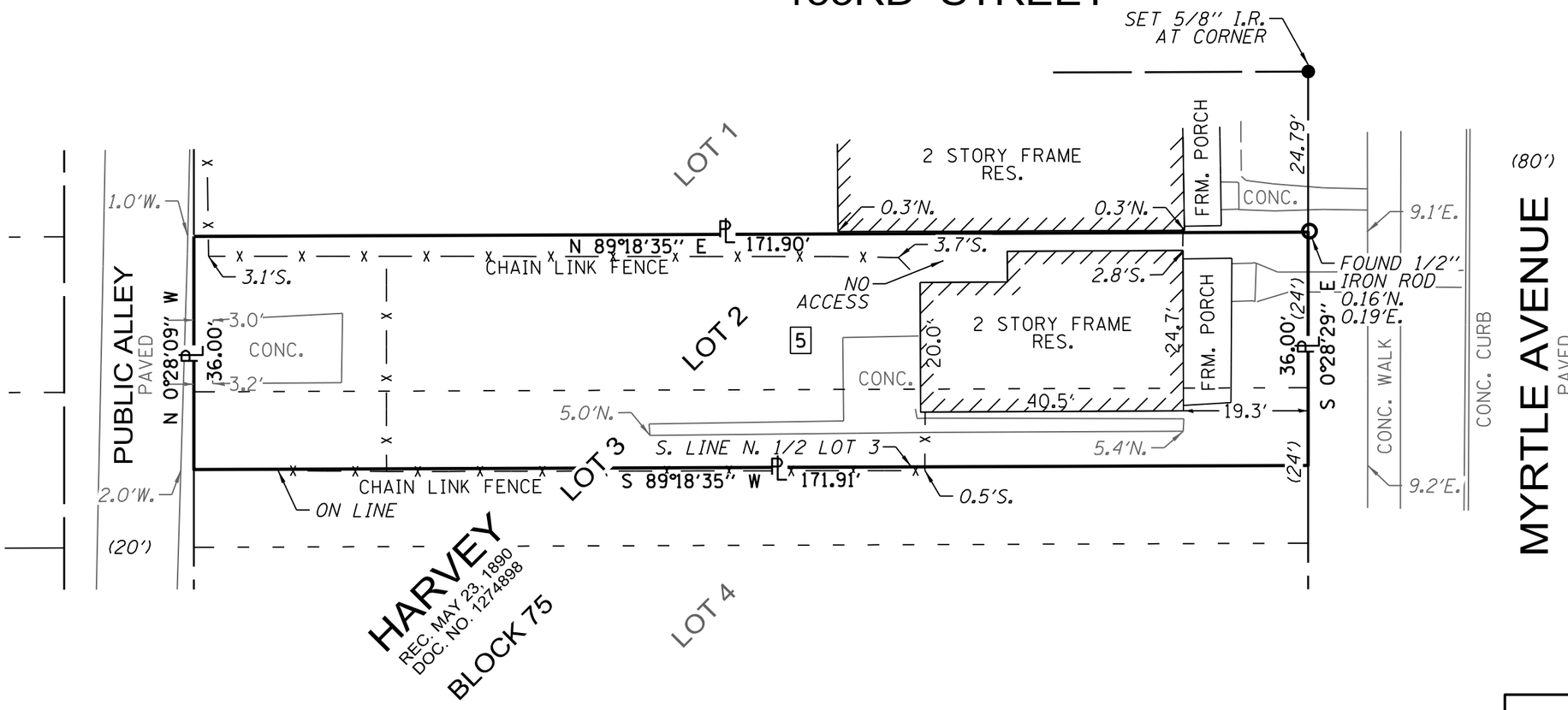
MWRD Parcel 2

PARCEL 5 EXHIBIT

LOT 2 AND THE NORTH 1/2 OF LOT 3 IN BLOCK 75 IN HARVEY, A SUBDIVISION OF PART OF SECTION 17, TOWNSHIP 36 NORTH, RANGE 14, EAST OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, ILLINOIS.

15302 MYRTLE AVE, HARVEY, IL 60426

BEARINGS AND DISTANCES REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT).



LEGEND

PARCEL PROPERTY LINE	EXISTING RIGHT OF WAY LINE
PROPERTY (PIN) LINE	FENCE LINE
PLATTED LOT LINE	123.45' MEASURED DATA
	(543.21') RECORD DATA

[*] PARCEL ACQUISITION NUMBER

1" = 20'

0 10' 20' 30' 40'

F-3

VERONICA ZAYAS

PIN: 29-17-113-022

PARCEL AREA 6,189 SQ. FT. OR 0.142 AC.

5

HARVEY FLOOD CONTROL
CHICAGO TITLE INSURANCE COMPANY
COMMITMENT NO. 22010657LFE

AMERICAN SURVEYING & ENGINEERING, LTD.
ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-003192

PRINT DATE: 12/1/2023

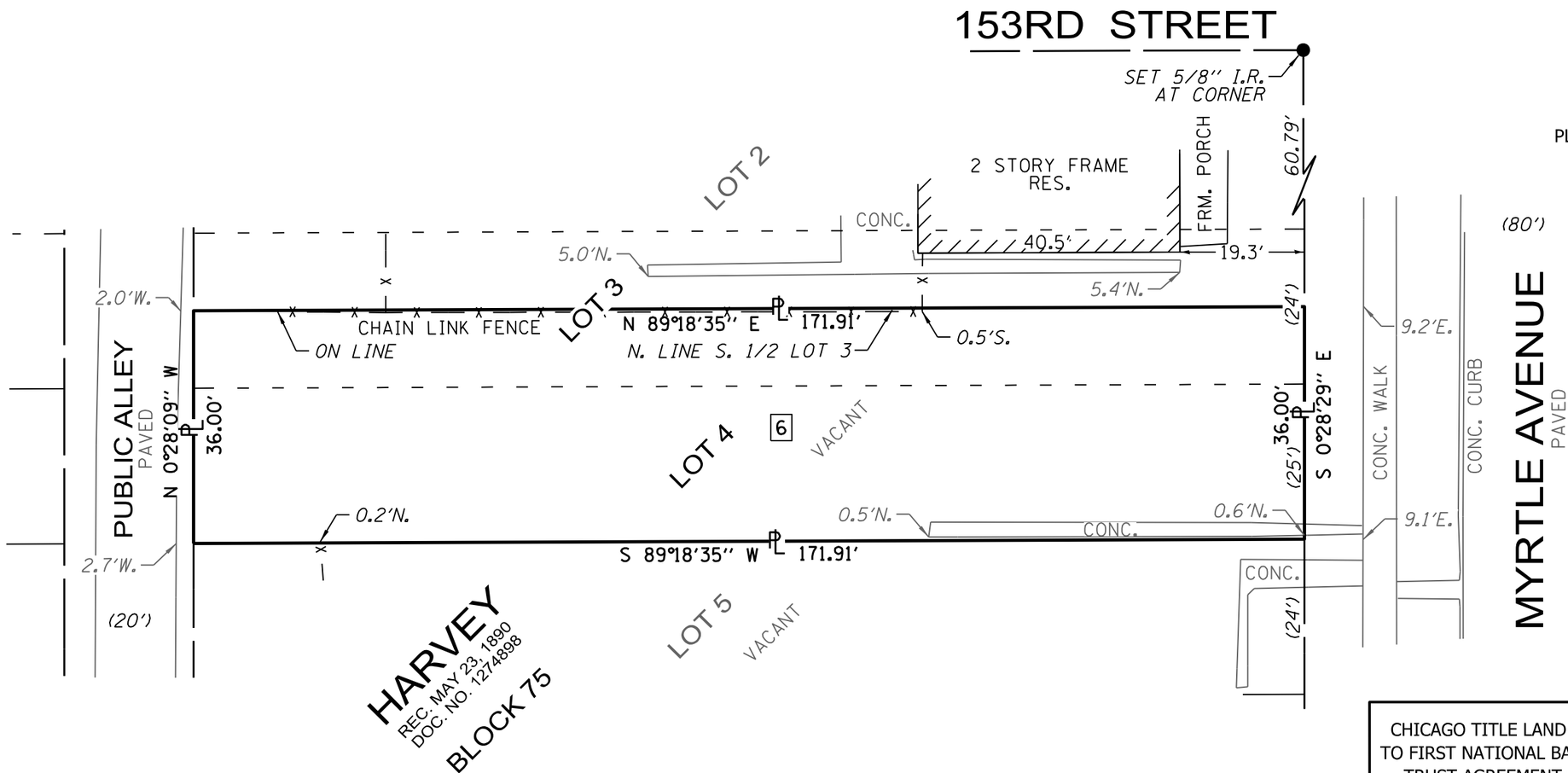
SHEET 3 OF 32

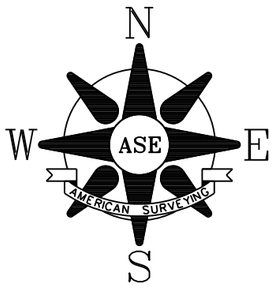
219015.1_Plat Sheets.dgn

MWRD Parcel 3 PARCEL 6 EXHIBIT

LOT 4 AND THE SOUTH 1/2 OF LOT 3 IN BLOCK 75 IN HARVEY, A SUBDIVISION IN SECTIONS 8 AND 17, TOWNSHIP 36 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, ILLINOIS.

15306 MYRTLE AVE, HARVEY, IL 60426





BEARINGS AND DISTANCES REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT).

LEGEND

PARCEL PROPERTY LINE	EXISTING RIGHT OF WAY LINE
PROPERTY (PIN) LINE	FENCE LINE
PLATTED LOT LINE	123.45' MEASURED DATA
	(543.21') RECORD DATA

[#] PARCEL ACQUISITION NUMBER

1" = 20'

0 10' 20' 30' 40'

F - 4

CHICAGO TITLE LAND TRUST COMPANY, SUCCESSOR TRUSTEE TO FIRST NATIONAL BANK OF BLUE ISLAND, AS TRUSTEE UNDER TRUST AGREEMENT DATED NOVEMBER 7, 1975, KNOWN AS TRUST NUMBER 75160

PIN: 29-17-113-023

PARCEL AREA 6,189 SQ. FT. OR 0.142 AC.

6

HARVEY FLOOD CONTROL
CHICAGO TITLE INSURANCE COMPANY
COMMITMENT NO. 22010658LFE

AMERICAN
SURVEYING & ENGINEERING, LTD.
ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-003192

PRINT DATE: 12/1/2023

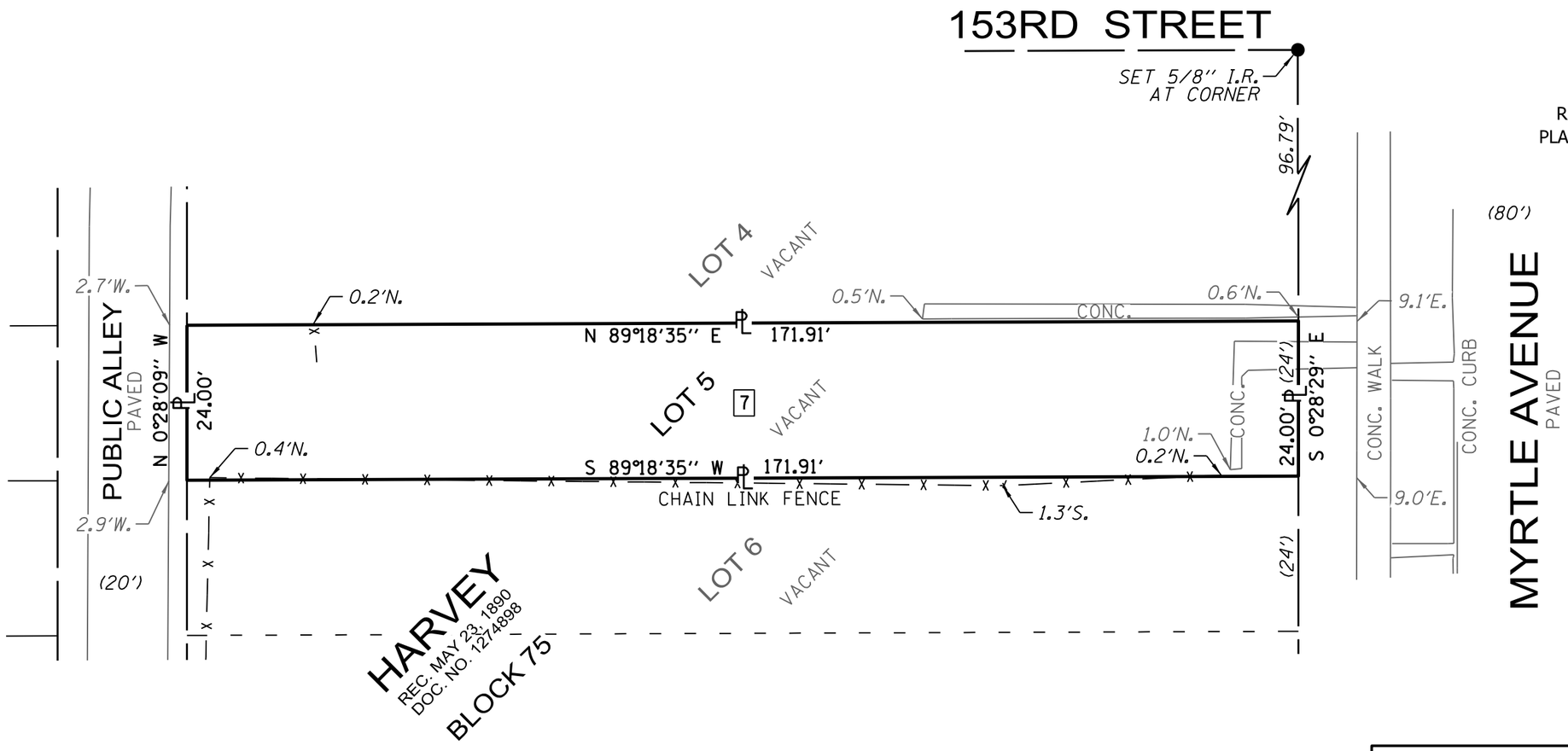
219015.1_Plat Sheets.dgn

MWRD Parcel 4

PARCEL 7 EXHIBIT

LOT 5 IN BLOCK 75 IN HARVEY, A SUBDIVISION IN SECTIONS 8 AND 17, TOWNSHIP 36 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, ILLINOIS.

15308 MYRTLE AVE, HARVEY, IL 60426



N
W ASE E
AMERICAN SURVEYING
S

BEARINGS AND DISTANCES REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT).

LEGEND

PARCEL PROPERTY LINE	EXISTING RIGHT OF WAY LINE
PROPERTY (PIN) LINE	FENCE LINE
PLATTED LOT LINE	123.45' MEASURED DATA
	(543.21') RECORD DATA

[#] PARCEL ACQUISITION NUMBER

1" = 20'

0 10' 20' 30' 40'

F-5

PAMELA STEWARD, DBA PAM STEWARD REALTY, DEBTOR IN CASE NO. 19B15769

PIN: 29-17-113-024

PARCEL AREA 4,126 SQ. FT. OR 0.095 AC.

7

HARVEY FLOOD CONTROL
CHICAGO TITLE INSURANCE COMPANY
COMMITMENT NO. 22010659LFE

AMERICAN
SURVEYING & ENGINEERING, LTD.
ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-003192

PRINT DATE: 12/1/2023

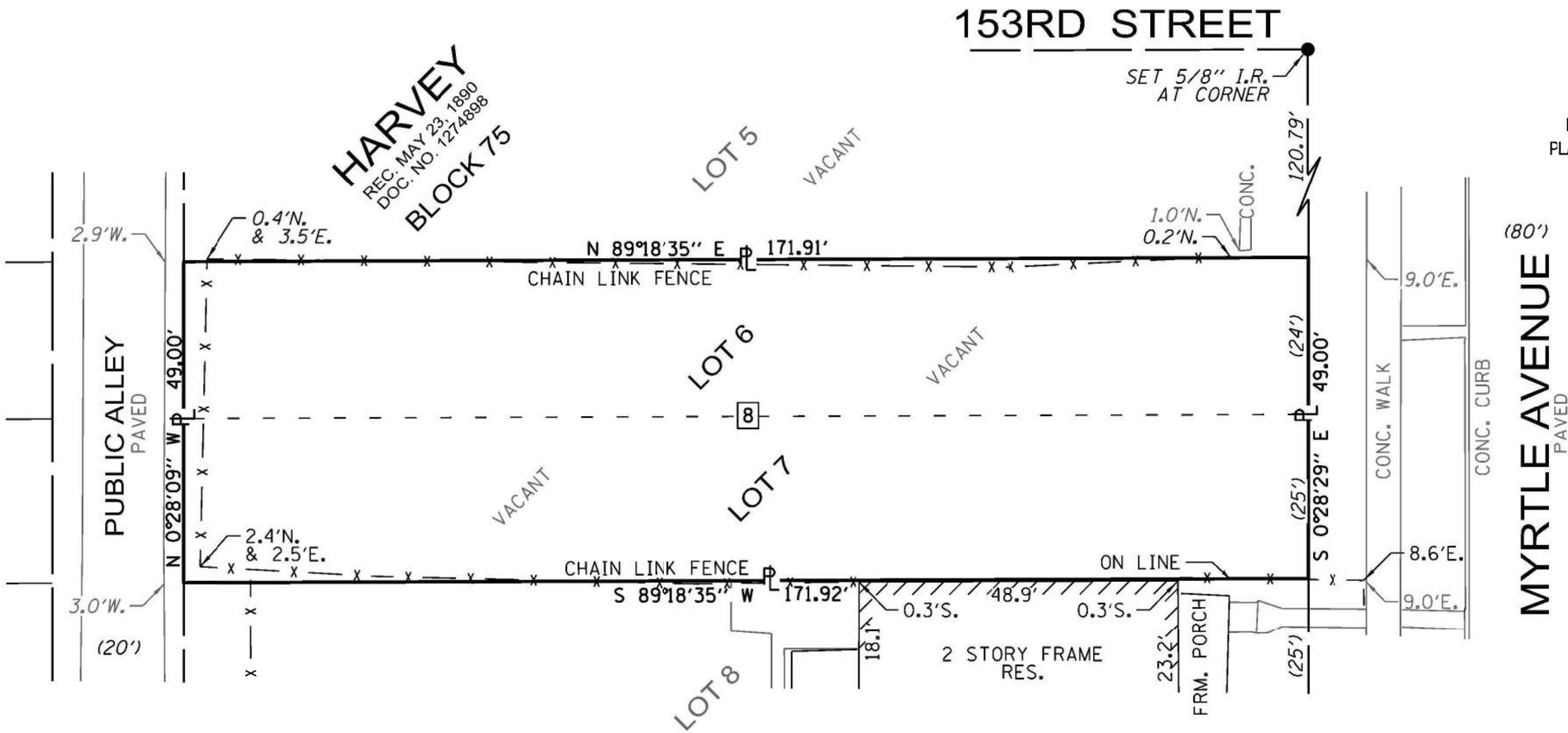
219015.1_Plat Sheets.dgn

MWRD Parcel 5

PARCEL 8 EXHIBIT

LOTS 6 AND 7 IN BLOCK 75 IN HARVEY, A SUBDIVISION IN SECTIONS 8 AND 17, TOWNSHIP 36 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, ILLINOIS.

15310 MYRTLE AVE, HARVEY, IL 60426



BEARINGS AND DISTANCES REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT).

LEGEND

PARCEL PROPERTY LINE	EXISTING RIGHT OF WAY LINE
PROPERTY (PIN) LINE	FENCE LINE
PLATTED LOT LINE	123.45' MEASURED DATA
	(543.21') RECORD DATA

[#] PARCEL ACQUISITION NUMBER

1" = 20'

0 10' 20' 30' 40'

F - 6

AETNA FINANCE COMPANY, D/B/A ITT FINANCIAL SERVICES

PIN: 29-17-113-025

PARCEL AREA 8,424 SQ. FT. OR 0.193 AC.

[8]

HARVEY FLOOD CONTROL
CHICAGO TITLE INSURANCE COMPANY
COMMITMENT NO. 22010660LFE

AMERICAN
SURVEYING & ENGINEERING, LTD.
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SHEET 6 OF 32

PRINT DATE: 12/1/2023

219015.1_Plat Sheets.dgn

MWRD Parcel 6

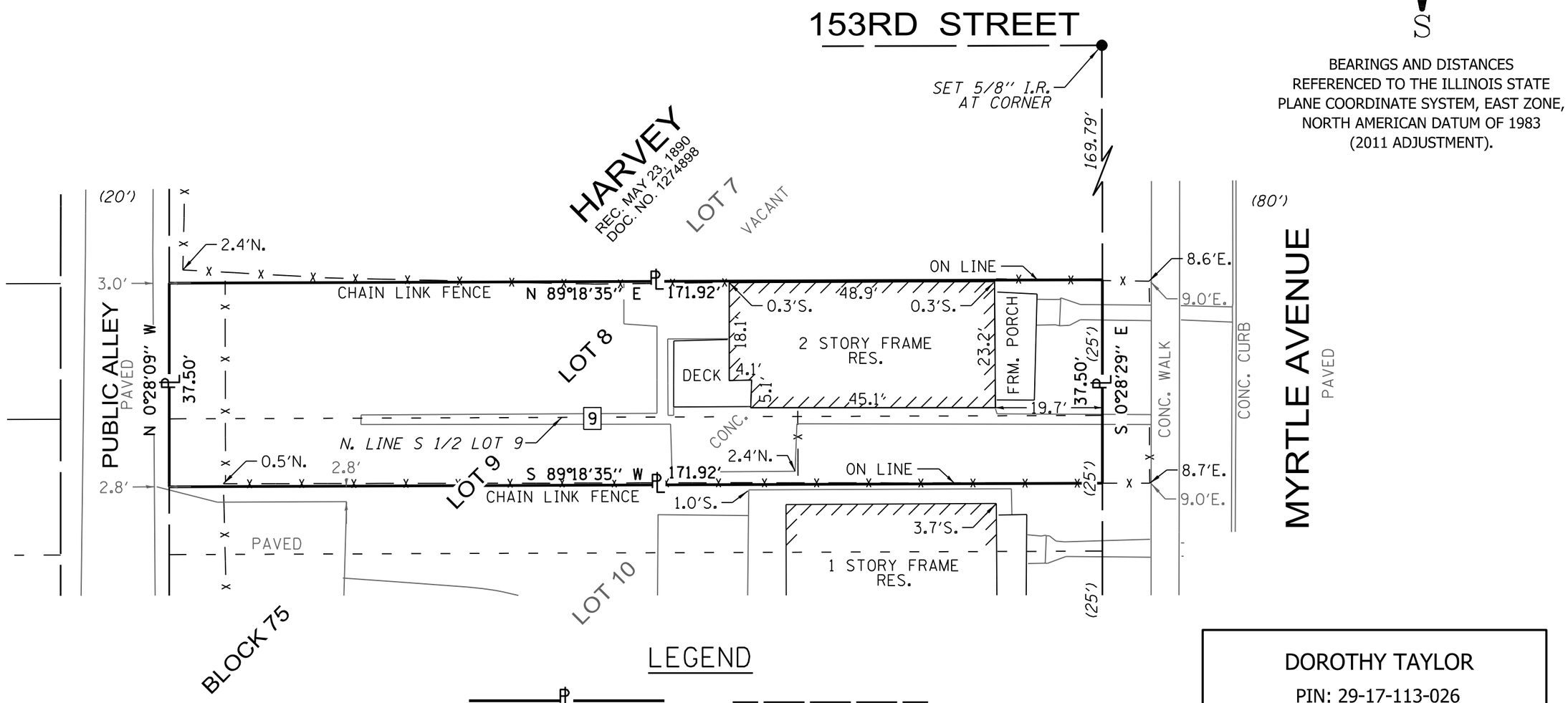
PARCEL 9 EXHIBIT

THE NORTH 1/2 OF LOT 9 AND ALL OF LOT 8 IN BLOCK 75 IN HARVEY, BEING A SUBDIVISION OF PART OF SECTION 17, TOWNSHIP 36 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED MAY 23, 1890 AS DOCUMENT 1274898, IN COOK COUNTY, ILLINOIS.

15314 MYRTLE AVE, HARVEY, IL 60426

N
W ASE E
AMERICAN SURVEYING
S

BEARINGS AND DISTANCES REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT).



LEGEND

PARCEL PROPERTY LINE	EXISTING RIGHT OF WAY LINE
PROPERTY (PIN) LINE	FENCE LINE
PLATTED LOT LINE	123.45' MEASURED DATA
	(543.21') RECORD DATA

[#] PARCEL ACQUISITION NUMBER

1" = 20'

0 10' 20' 30' 40'

F-7

AMERICAN
SURVEYING & ENGINEERING, LTD.
ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-003192

DOROTHY TAYLOR

PIN: 29-17-113-026

PARCEL AREA 6,447 SQ. FT. OR 0.148 AC.

9

HARVEY FLOOD CONTROL
CHICAGO TITLE INSURANCE COMPANY
COMMITMENT NO. 22010661LFE

SHEET 7 OF 32

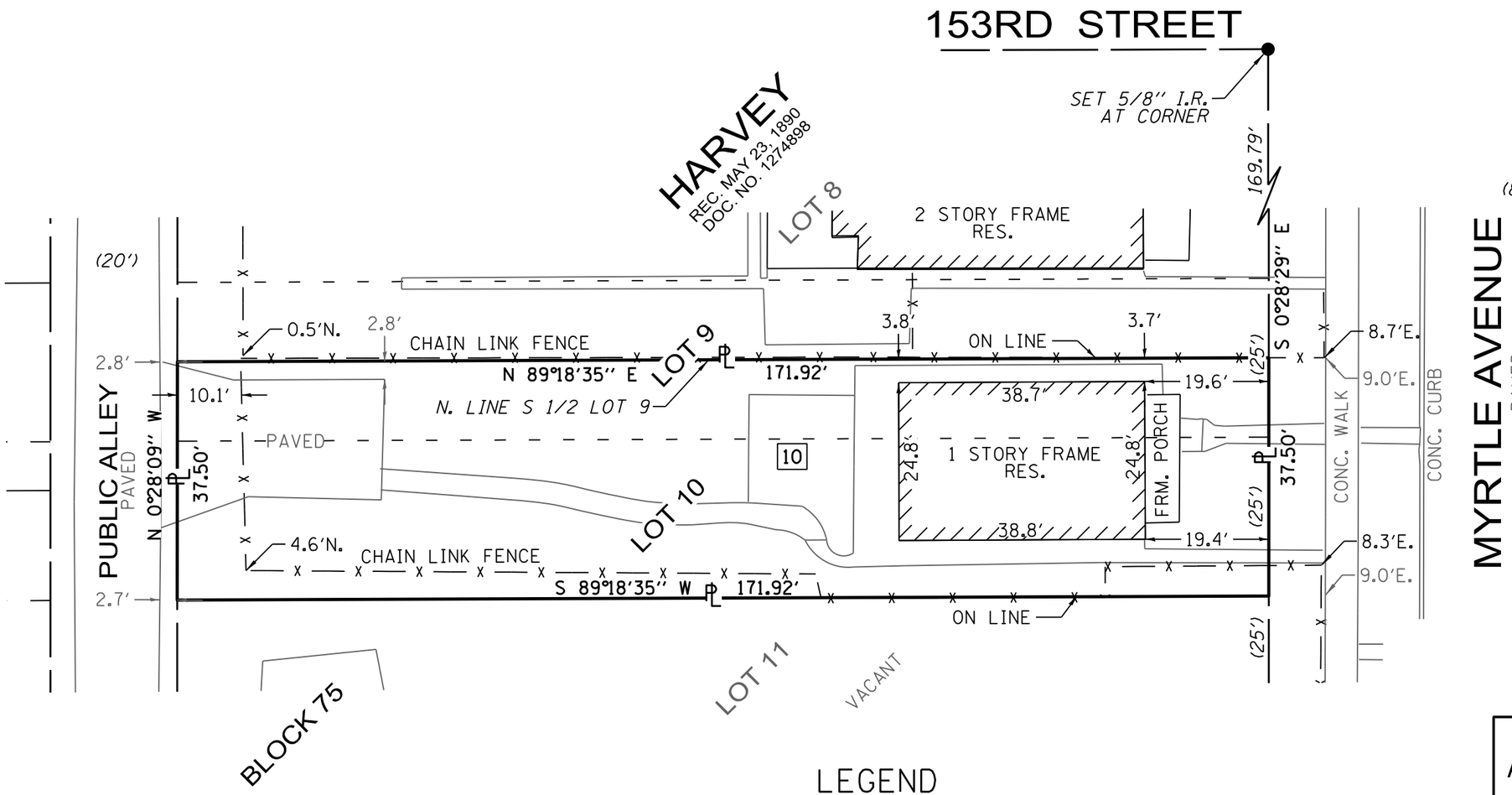
PRINT DATE: 11/9/2023

219015.1_Plat Sheets.dgn

MWRD Parcel 7 PARCEL 10 EXHIBIT

LOT 10 AND THE SOUTH 1/2 OF LOT 9 IN BLOCK 75 OF HARVEY, A SUBDIVISION IN SECTION 17, TOWNSHIP 36 NORTH, RANGE 14, EAST OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, ILLINOIS.

15318 MYRTLE AVE, HARVEY, IL 60426



BEARINGS AND DISTANCES REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT).

LEGEND

- PARCEL PROPERTY LINE
- PROPERTY (PIN) LINE
- PLATTED LOT LINE
- EXISTING RIGHT OF WAY LINE
- FENCE LINE
- 123.45' MEASURED DATA
- (543.21') RECORD DATA
- [#] PARCEL ACQUISITION NUMBER

1" = 20'

0 10' 20' 30' 40'

F-8

OSCAR LEONEL LUNA OCHOA AND WILLIAMS JONAN MATUTE MEJIA, AS JOINT TENANTS

PIN: 29-17-113-027

PARCEL AREA 6,447 SQ. FT. OR 0.148 AC.

[10]

HARVEY FLOOD CONTROL
CHICAGO TITLE INSURANCE COMPANY
COMMITMENT NO. 22010662LFE

AMERICAN
SURVEYING & ENGINEERING, LTD.
ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-003192

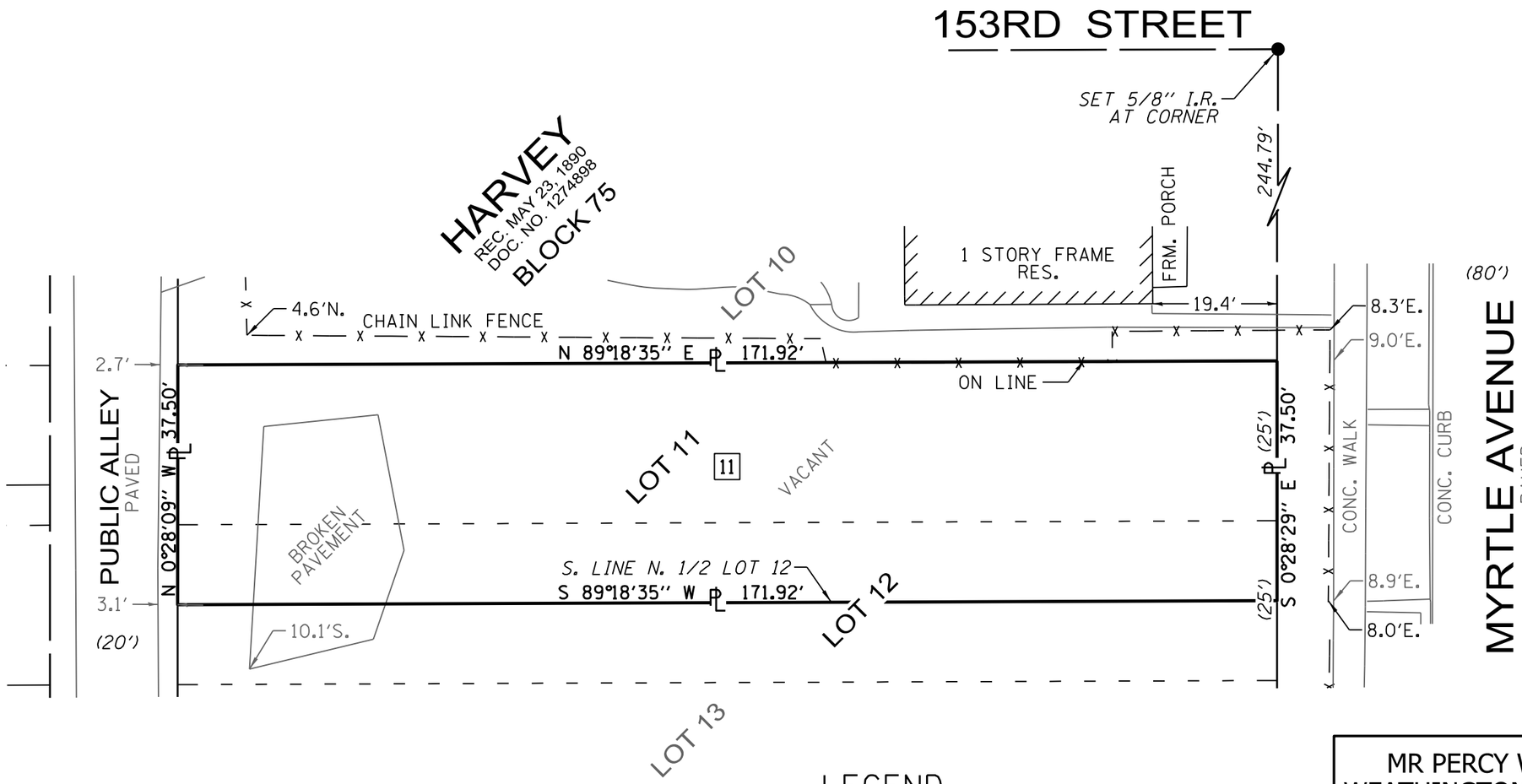
PRINT DATE: 11/9/2023
219015.1_Plat Sheets.dgn

MWRD Parcel 8

PARCEL 11 EXHIBIT

LOT 11 AND THE NORTH 1/2 OF LOT 12 IN BLOCK 75 IN HARVEY, A SUBDIVISION OF PART OF SECTION 17, TOWNSHIP 36 NORTH, RANGE 14, EAST OF THE THIRD PRINCIPAL MERIDIAN, AS PER PLAT THEREOF RECORDED IN THE RECORDERS OFFICE OF COOK COUNTY, ILLINOIS, IN BOOK 41 OF PLATS, PAGE 17, IN COOK COUNTY, ILLINOIS.

15320 MYRTLE AVE, HARVEY, IL 60426



BEARINGS AND DISTANCES REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT).

LEGEND

PARCEL PROPERTY LINE	EXISTING RIGHT OF WAY LINE
PROPERTY (PIN) LINE	FENCE LINE
PLATTED LOT LINE	123.45' MEASURED DATA
	(543.21') RECORD DATA

[#] PARCEL ACQUISITION NUMBER

1" = 20'

0 10' 20' 30' 40'

F-9

MR PERCY WEATHINGTON AND ROBBIE WEATHINGTON, HIS WIFE, IN JOINT TENANCY

PIN: 29-17-113-028

PARCEL AREA 6,447 SQ. FT. OR 0.148 AC.

[11]

HARVEY FLOOD CONTROL
CHICAGO TITLE INSURANCE COMPANY
COMMITMENT NO. 22010663LFE

AMERICAN
SURVEYING & ENGINEERING, LTD.
ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-003192

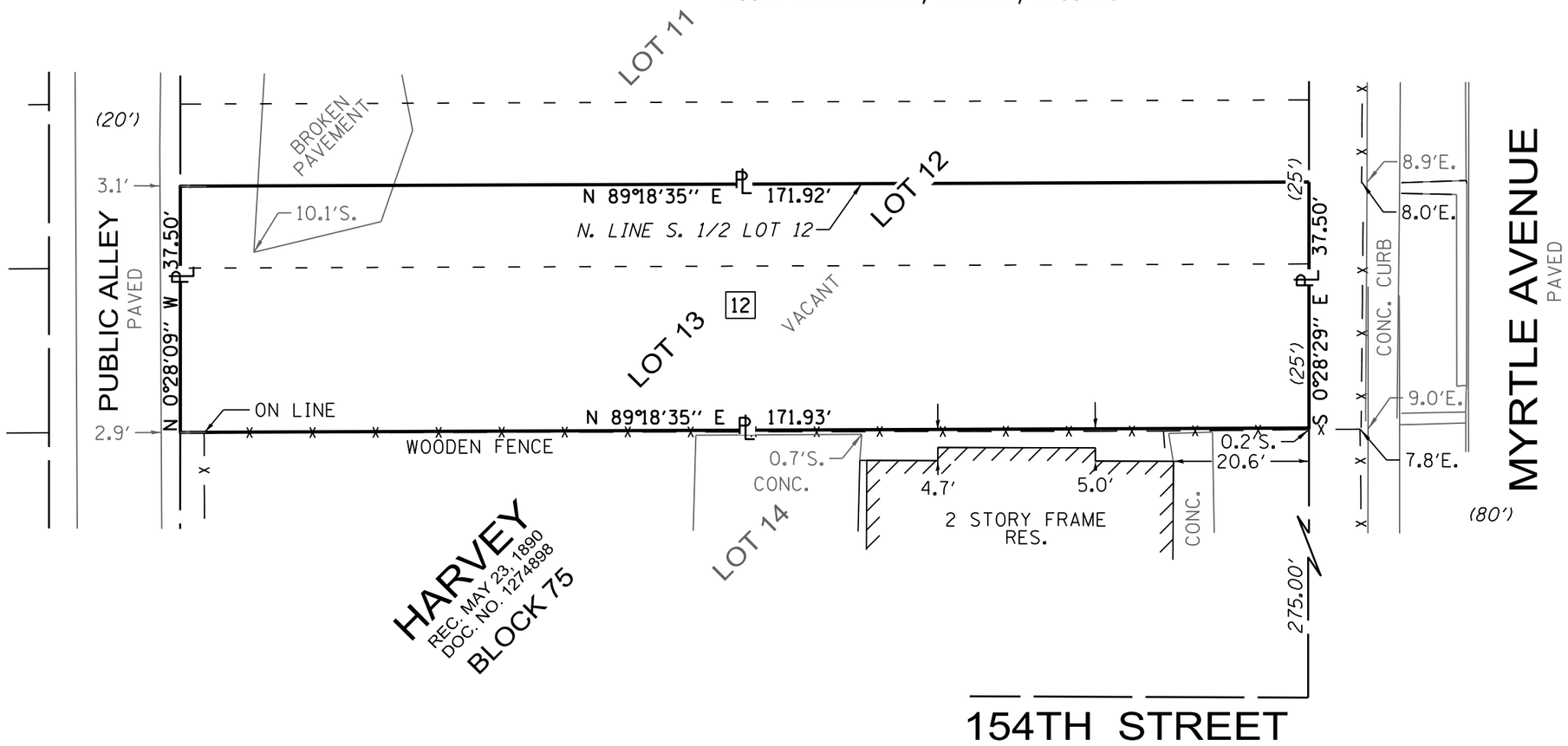
PRINT DATE: 12/1/2023

219015.1_Plat Sheets.dgn

MWRD Parcel 9 PARCEL 12 EXHIBIT

THE SOUTH HALF OF LOT 12 AND ALL OF LOT 13 IN BLOCK 75 IN HARVEY, A SUBDIVISION OF THAT PART OF THE SOUTH HALF OF SECTION 17, TOWN'36 NORTH, RANGE 14, EAST OF THE THIRD PRINCIPAL MERIDIAN, LYING WEST OF THE ILLINOIS CENTRAL RAILROAD, TOGETHER WITH BLOCKS 53, 54, 55, 62, 63, 64, 65, 66, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84 AND THAT PART OF BLOCK 67 LYING SOUTH OF GRAND TRUNK RAILROAD, ALL OF SOUTH LAWN., A SUBDIVISION OF SECTION 17, AND SOUTH HALF ELF SECTION 8, TOWN 36 NORTH, RANGE 14, EAST OF THE THIRD PRINCIPAL MERIDIAN IN COOK COUNTY, ILLINOIS.

15324 MYRTLE AVE, HARVEY, IL 60426



N
W ASE E
AMERICAN SURVEYING
S

BEARINGS AND DISTANCES REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT).

LEGEND

PARCEL PROPERTY LINE	EXISTING RIGHT OF WAY LINE
PROPERTY (PIN) LINE	FENCE LINE
PLATTED LOT LINE	123.45' MEASURED DATA
	(543.21') RECORD DATA

[*] PARCEL ACQUISITION NUMBER

1" = 20'

0 10' 20' 30' 40'

F - 10

HUMPHREY ABEH

PIN: 29-17-113-029

PARCEL AREA 6,447 SQ. FT. OR 0.148 AC.

12

HARVEY FLOOD CONTROL
CHICAGO TITLE INSURANCE COMPANY
COMMITMENT NO. 22010664LFE

AMERICAN
SURVEYING & ENGINEERING, LTD.
ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-003192

PRINT DATE: 12/1/2023

219015.1_Plat Sheets.dgn

PARCEL 13 EXHIBIT

LOTS 14 AND 15 IN BLOCK 75 IN HARVEY, A SUBDIVISION OF PART OF SECTION 17, TOWNSHIP 36 NORTH, RANGE 14, EAST OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, ILLINOIS.

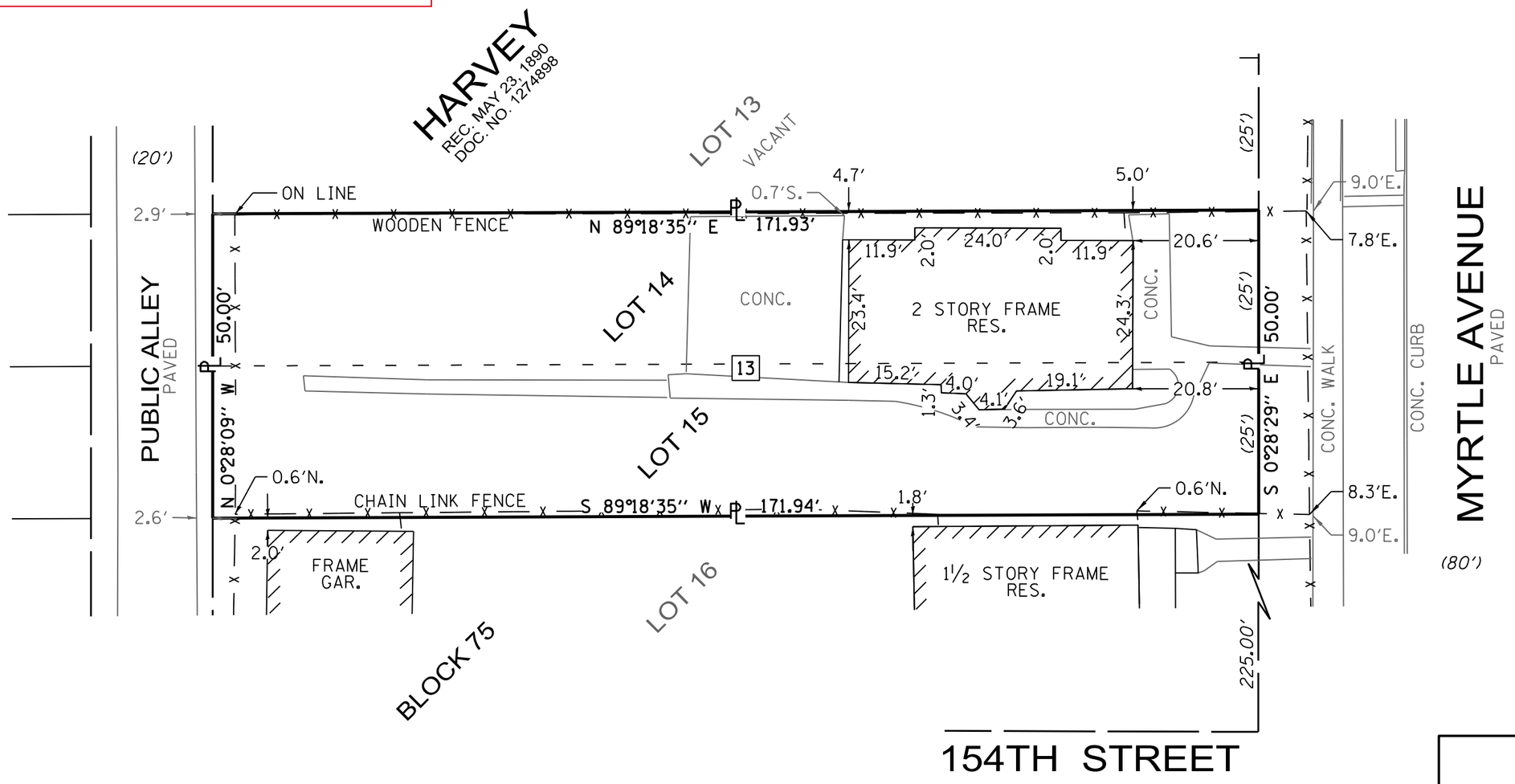
15328 MYRTLE AVE, HARVEY, IL 60426

1" = 20'
0 10' 20' 30' 40'

MWRD Parcel 10

N W E S ASE AMERICAN SURVEYING

BEARINGS AND DISTANCES REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT).



LEGEND

PARCEL PROPERTY LINE	EXISTING RIGHT OF WAY LINE
PROPERTY (PIN) LINE	FENCE LINE
PLATTED LOT LINE	123.45' MEASURED DATA
	(543.21') RECORD DATA

[#] PARCEL ACQUISITION NUMBER

AMERICAN
SURVEYING & ENGINEERING, LTD.
ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-003192

ARTURO DOMINGUEZ

PIN: 29-17-113-030

PARCEL AREA 8,597 SQ. FT. OR 0.197 AC.

13

HARVEY FLOOD CONTROL
CHICAGO TITLE INSURANCE COMPANY
COMMITMENT NO. 22010665LFE

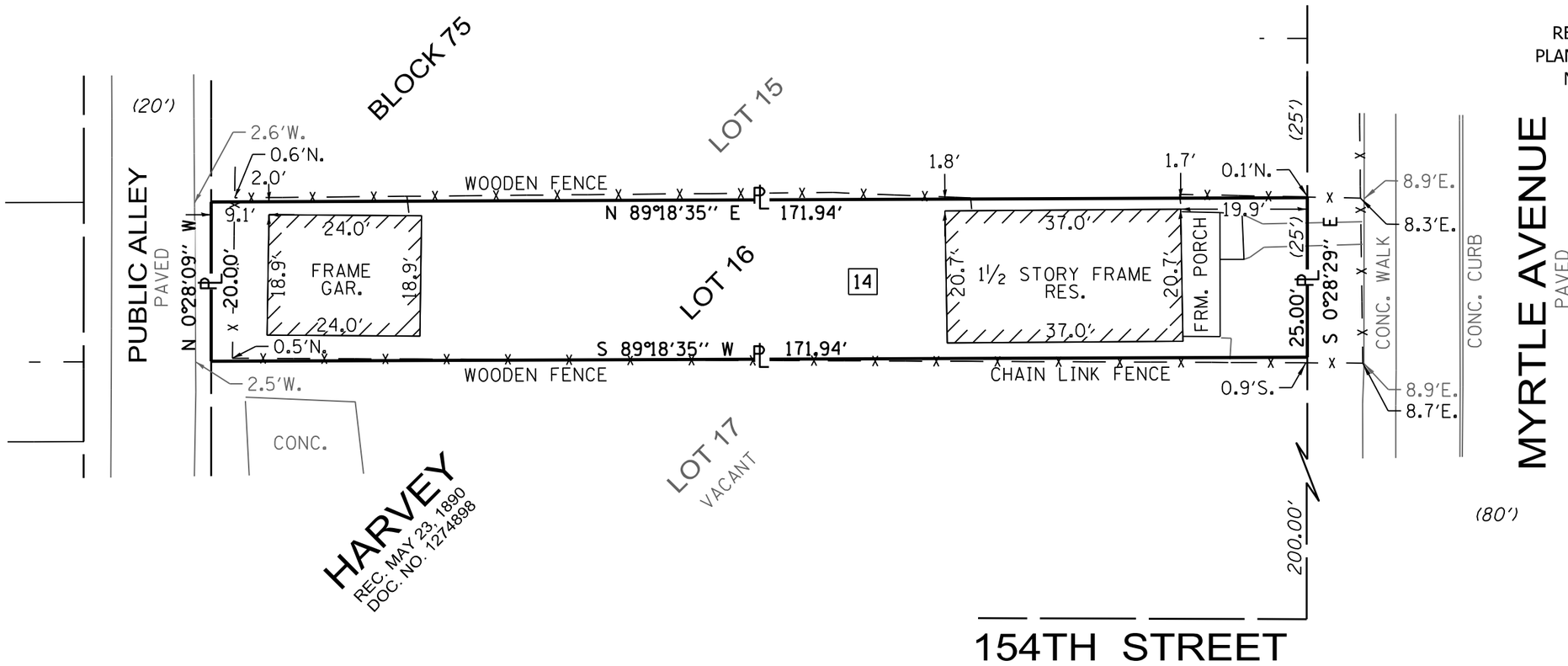
SHEET 11 OF 32

MWRD Parcel 11 PARCEL 14 EXHIBIT

LOT 16 IN BLOCK 75 IN HARVEY IN SECTION 17, TOWNSHIP 36 NORTH, RANGE 14, EAST OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, ILLINOIS.

15332 MYRTLE AVE, HARVEY, IL 60426

BEARINGS AND DISTANCES REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT).



LEGEND

PARCEL PROPERTY LINE	EXISTING RIGHT OF WAY LINE
PROPERTY (PIN) LINE	FENCE LINE
PLATTED LOT LINE	123.45' MEASURED DATA
	(543.21') RECORD DATA

[#] PARCEL ACQUISITION NUMBER

1" = 20'

0 10' 20' 30' 40'

F - 12

JUAN J ISABELLE

PIN: 29-17-113-031

PARCEL AREA 4,298 SQ. FT. OR 0.099 AC.

[14]

HARVEY FLOOD CONTROL
CHICAGO TITLE INSURANCE COMPANY
COMMITMENT NO. 22010666LFE

AMERICAN
SURVEYING & ENGINEERING, LTD.
ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-003192

SHEET 12 OF 32

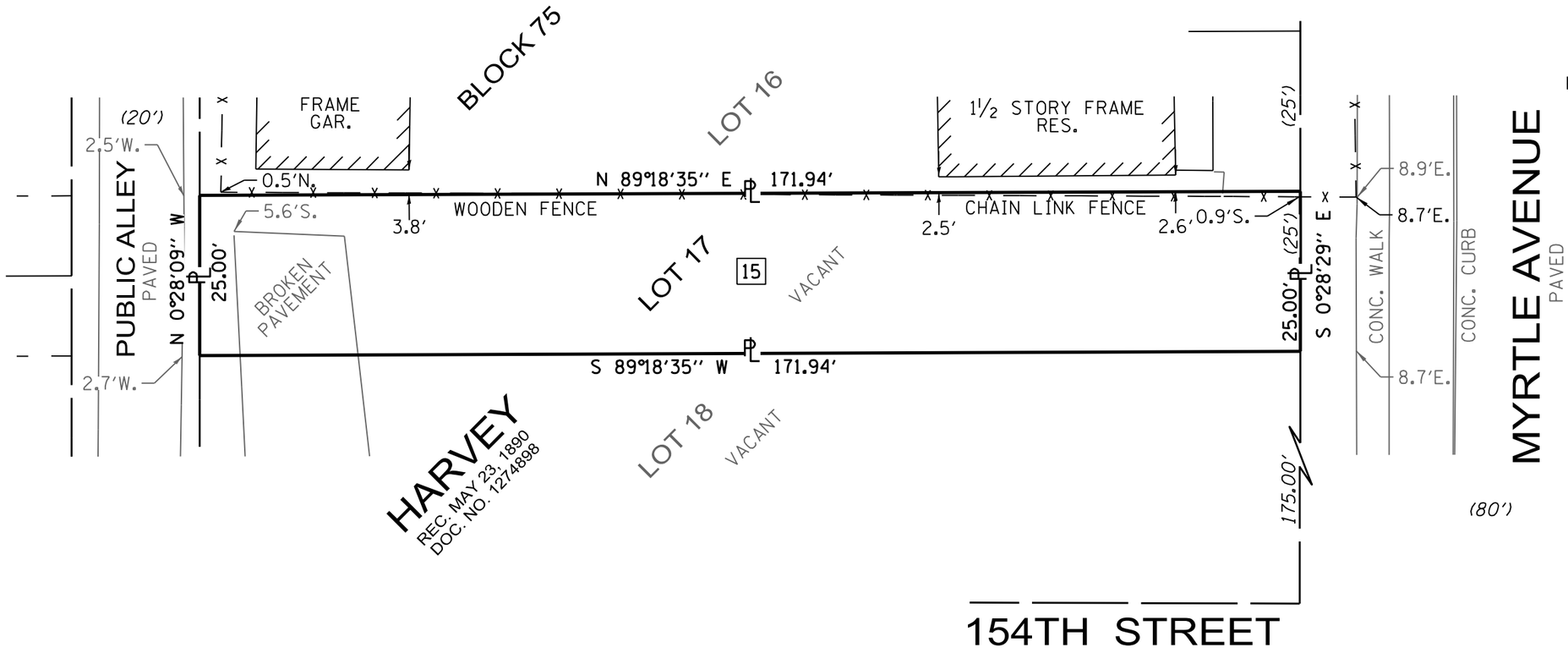
PRINT DATE: 11/9/2023

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MWRD Parcel 12 PARCEL 15 EXHIBIT

LOT 17 IN BLOCK 75 IN HARVEY, IN THE NORTHWEST 1/4 OF SECTION 17, TOWNSHIP 36 NORTH, RANGE 14, EAST OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, ILLINOIS,

VACANT LAND, A/K/A 15332 MYRTLE AVE, HARVEY, IL 60426



BEARINGS AND DISTANCES REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT).

LEGEND

PARCEL PROPERTY LINE	EXISTING RIGHT OF WAY LINE
PROPERTY (PIN) LINE	FENCE LINE
PLATTED LOT LINE	123.45' MEASURED DATA
	(543.21') RECORD DATA

[#] PARCEL ACQUISITION NUMBER

1" = 20'

0 10' 20' 30' 40'

F - 13

JAMES H BISHOP AND
JEANETTE L BISHOP, HIS WIFE

PIN: 29-17-113-032

PARCEL AREA 4,298 SQ. FT. OR 0.099 AC.

15

HARVEY FLOOD CONTROL
CHICAGO TITLE INSURANCE COMPANY
COMMITMENT NO. 22010667LFE

SHEET 13 OF 32

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ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-003192

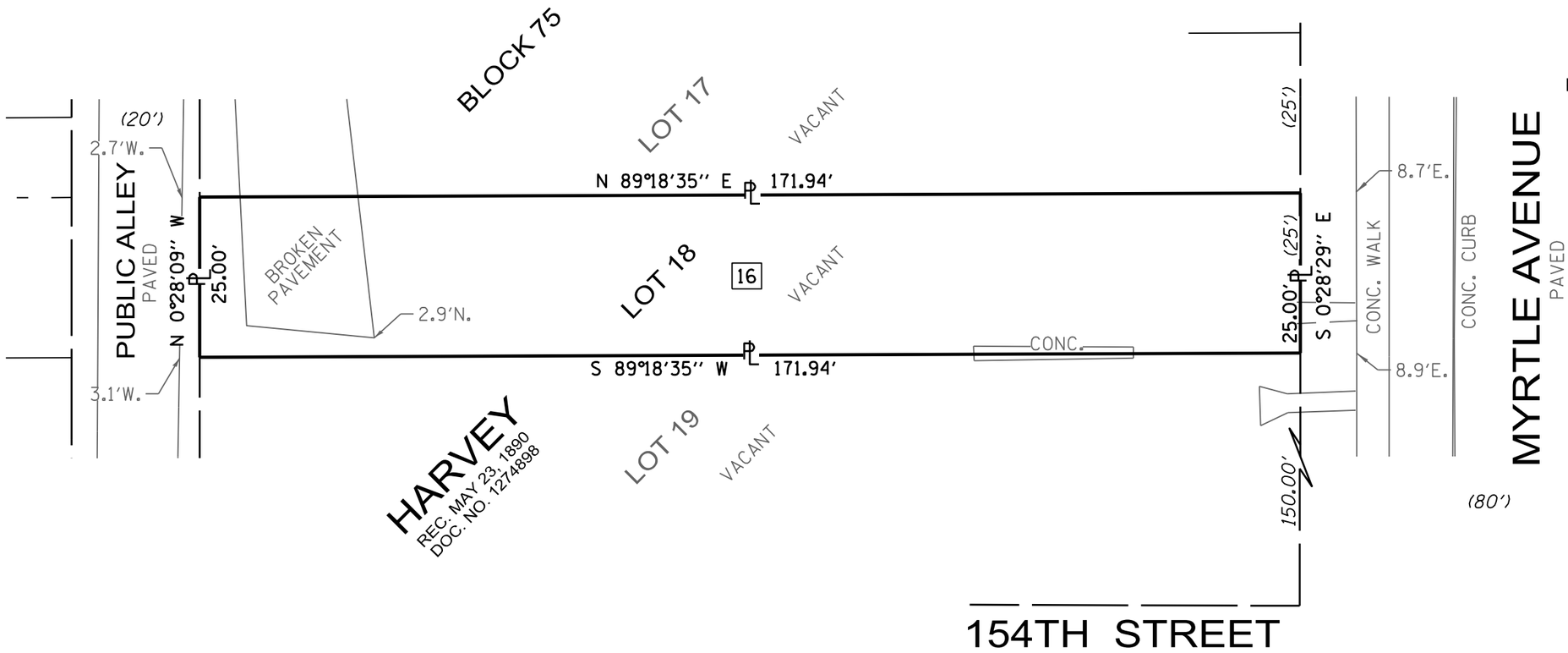
PRINT DATE: 12/8/2023

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MWRD Parcel 13 PARCEL 16 EXHIBIT

LOT 18 IN BLOCK 75 IN HARVEY, IN THE NORTHWEST 1/4 OF SECTION 17, TOWNSHIP 36 NORTH, RANGE 14, EAST OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, ILLINOIS,

15334 MYRTLE AVE, HARVEY, IL 60426



BEARINGS AND DISTANCES REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT).

LEGEND

PARCEL PROPERTY LINE	EXISTING RIGHT OF WAY LINE
PROPERTY (PIN) LINE	FENCE LINE
PLATTED LOT LINE	123.45' MEASURED DATA
	(543.21') RECORD DATA

[#] PARCEL ACQUISITION NUMBER

1" = 20'

0 10' 20' 30' 40'

F - 14

JAMES H BISHOP AND JEANETTE L BISHOP, HIS WIFE

PIN: 29-17-113-033

PARCEL AREA 4,298 SQ. FT. OR 0.099 AC.

16

HARVEY FLOOD CONTROL
CHICAGO TITLE INSURANCE COMPANY
COMMITMENT NO. 22010668LFE

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PRINT DATE: 12/8/2023

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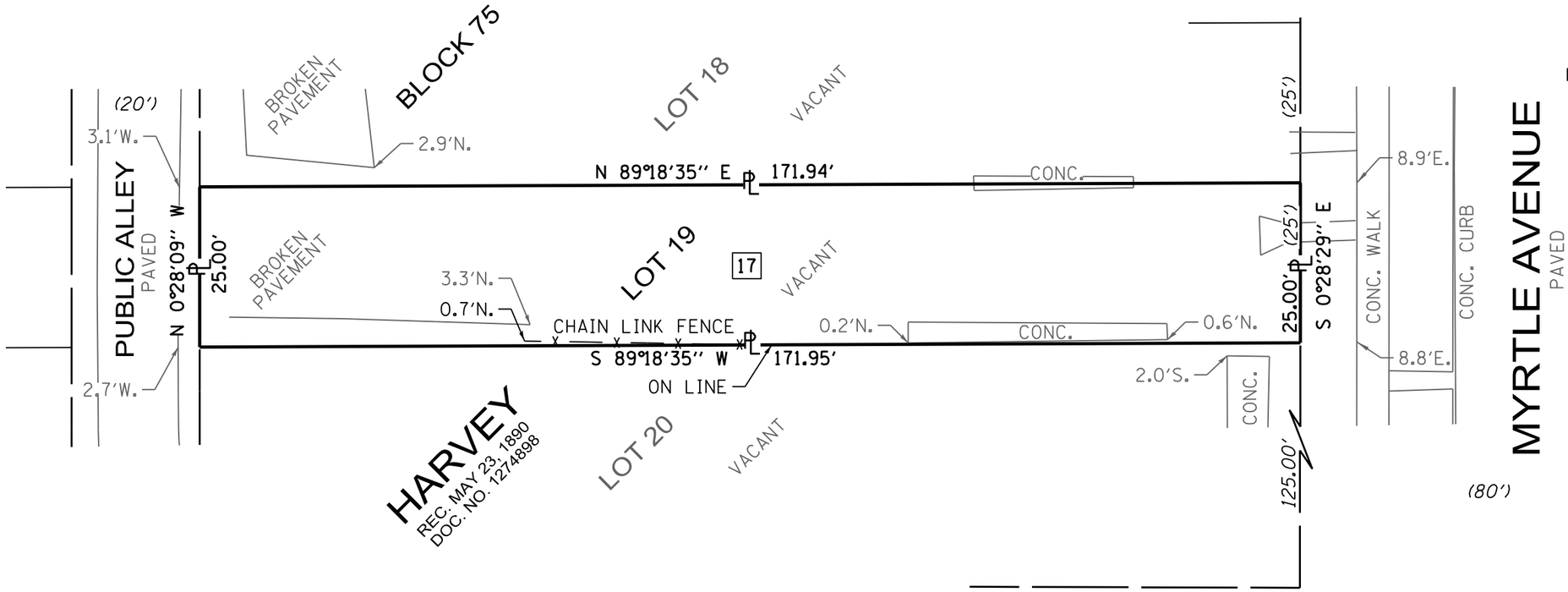
MWRD Parcel 14 PARCEL 17 EXHIBIT

LOT 19 IN BLOCK 75 IN HARVEY A SUBDIVISION IN SECTION 17, TOWNSHIP 36 NORTH, RANGE 14, EAST OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, ILLINOIS.

15336 MYRTLE AVE, HARVEY, IL 60426

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AMERICAN SURVEYING
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BEARINGS AND DISTANCES REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT).



LEGEND

PARCEL PROPERTY LINE	EXISTING RIGHT OF WAY LINE
PROPERTY (PIN) LINE	FENCE LINE
PLATTED LOT LINE	123.45' MEASURED DATA
	(543.21') RECORD DATA

[#] PARCEL ACQUISITION NUMBER

1" = 20'

0 10' 20' 30' 40'

F - 15

MELVINA ELY

PIN: 29-17-113-034

PARCEL AREA 4,299 SQ. FT. OR 0.0.99 AC.

17

HARVEY FLOOD CONTROL
CHICAGO TITLE INSURANCE COMPANY
COMMITMENT NO. 22010669LFE

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ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-003192

SHEET 15 OF 32

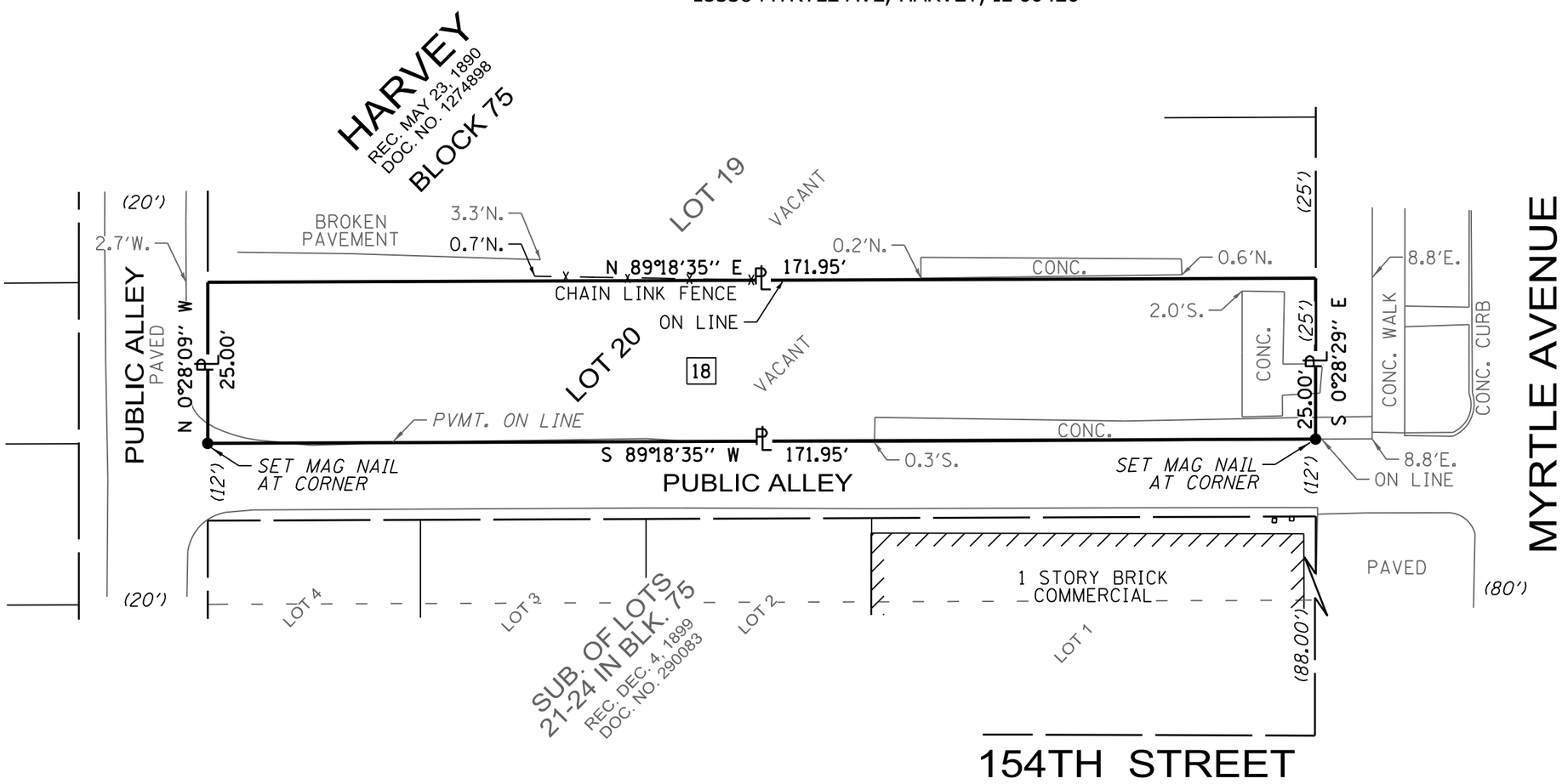
PRINT DATE: 12/8/2023

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MWRD Parcel 15 PARCEL 18 EXHIBIT

LOT 20 IN BLOCK 75 IN HARVEY, BEING A SUBDIVISION IN SECTION 17, TOWNSHIP 36 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, ILLINOIS.

15338 MYRTLE AVE, HARVEY, IL 60426



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AMERICAN SURVEYING
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BEARINGS AND DISTANCES REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT).

LEGEND

PARCEL PROPERTY LINE	EXISTING RIGHT OF WAY LINE
PROPERTY (PIN) LINE	FENCE LINE
PLATTED LOT LINE	123.45' MEASURED DATA
	(543.21') RECORD DATA

[#] PARCEL ACQUISITION NUMBER

1" = 20'

0 10' 20' 30' 40'

F - 16

MARGARET THEOFANOPOULOS

PIN: 29-17-113-035

PARCEL AREA 4,299 SQ. FT. OR 0.099 AC.

[18]

HARVEY FLOOD CONTROL
CHICAGO TITLE INSURANCE COMPANY
COMMITMENT NO. 22010670LFE

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SHEET 16 OF 32

PRINT DATE: 12/8/2023

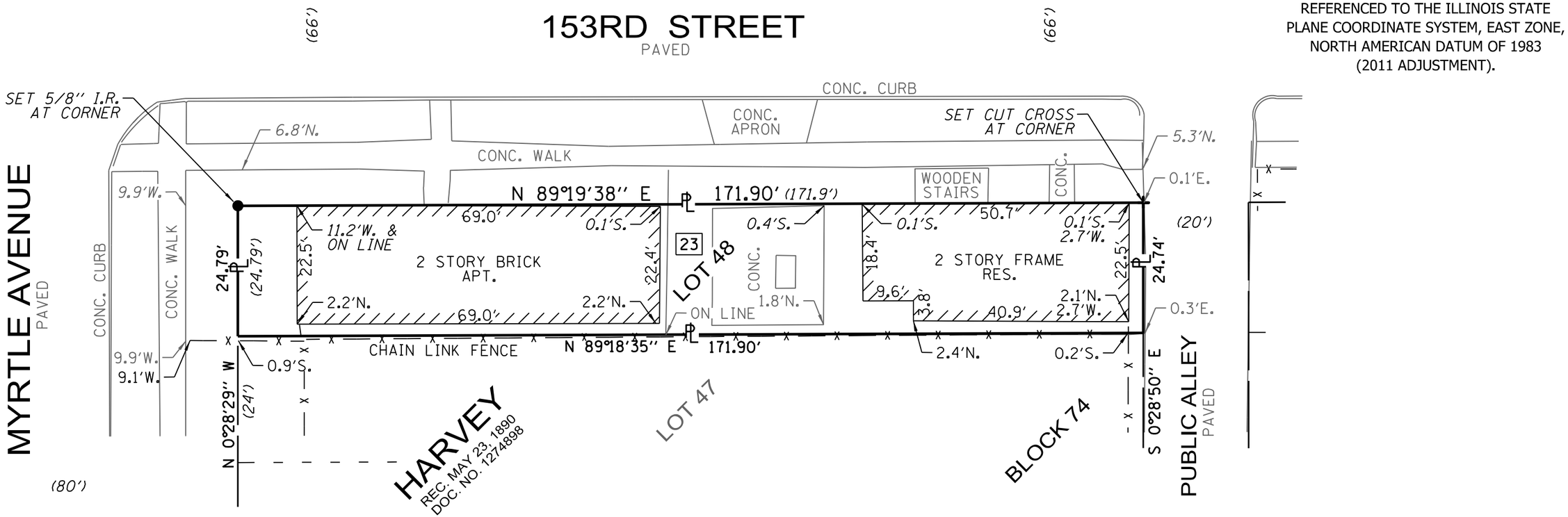
219015.1_Plat Sheets.dgn

MWRD Parcel 16 PARCEL 23 EXHIBIT

LOT 48 IN BLOCK 74 IN HARVEY IN THE SOUTHWEST 1/4 OF THE NORTHWEST 1/4 OF SECTION 17, TOWNSHIP 36 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, ILLINOIS.

15301 MYRTLE AVE, HARVEY, IL 60426

BEARINGS AND DISTANCES REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT).



LEGEND

PARCEL PROPERTY LINE	EXISTING RIGHT OF WAY LINE
PROPERTY (PIN) LINE	FENCE LINE
PLATTED LOT LINE	123.45' MEASURED DATA
	(543.21') RECORD DATA

[#] PARCEL ACQUISITION NUMBER

1" = 20'

0 10' 20' 30' 40'

F - 17

JESSE WHITTEN, SR. AND BETTY J. WHITTEN, AS JOINT TENANTS

PIN: 29-17-114-001

PARCEL AREA 4,257 SQ. FT. OR 0.098 AC.

[23]

HARVEY FLOOD CONTROL
CHICAGO TITLE INSURANCE COMPANY
COMMITMENT NO. 22010671LFE

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ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-003192

SHEET 17 OF 32

PRINT DATE: 12/8/2023

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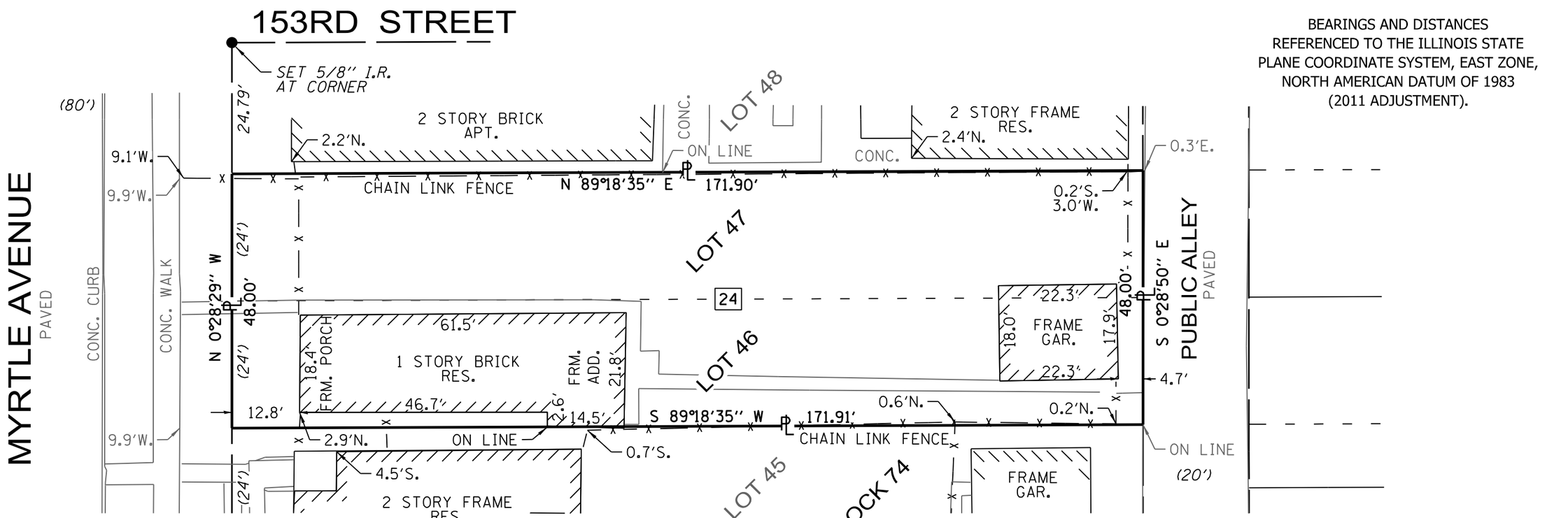
MWRD Parcel 17 PARCEL 24 EXHIBIT

LOTS 46 AND 47 IN BLOCK 74 IN HARVEY IN THE SOUTHWEST 1/4 OF THE NORTHWEST 1/4 OF SECTION 17, TOWNSHIP 36 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, ILLINOIS.

15305 MYRTLE AVE, HARVEY, IL 60426

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BEARINGS AND DISTANCES REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT).



HARVEY
REC. MAY 23, 1890
DOC. NO. 1274898

LEGEND

PARCEL PROPERTY LINE	EXISTING RIGHT OF WAY LINE
PROPERTY (PIN) LINE	FENCE LINE
PLATTED LOT LINE	123.45' MEASURED DATA; (543.21') RECORD DATA

[#] PARCEL ACQUISITION NUMBER

1" = 20'

0 10' 20' 30' 40'

F - 18

JOE N. POOLE AND CAROLYN F. POOLE, HIS WIFE, AS JOINT TENANTS

PIN: 29-17-114-002

PARCEL AREA 8,251 SQ. FT. OR 0.189 AC.

24

HARVEY FLOOD CONTROL
CHICAGO TITLE INSURANCE COMPANY
COMMITMENT NO. 22010672LFE

AMERICAN
SURVEYING & ENGINEERING, LTD.
ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-003192

SHEET 18 OF 32

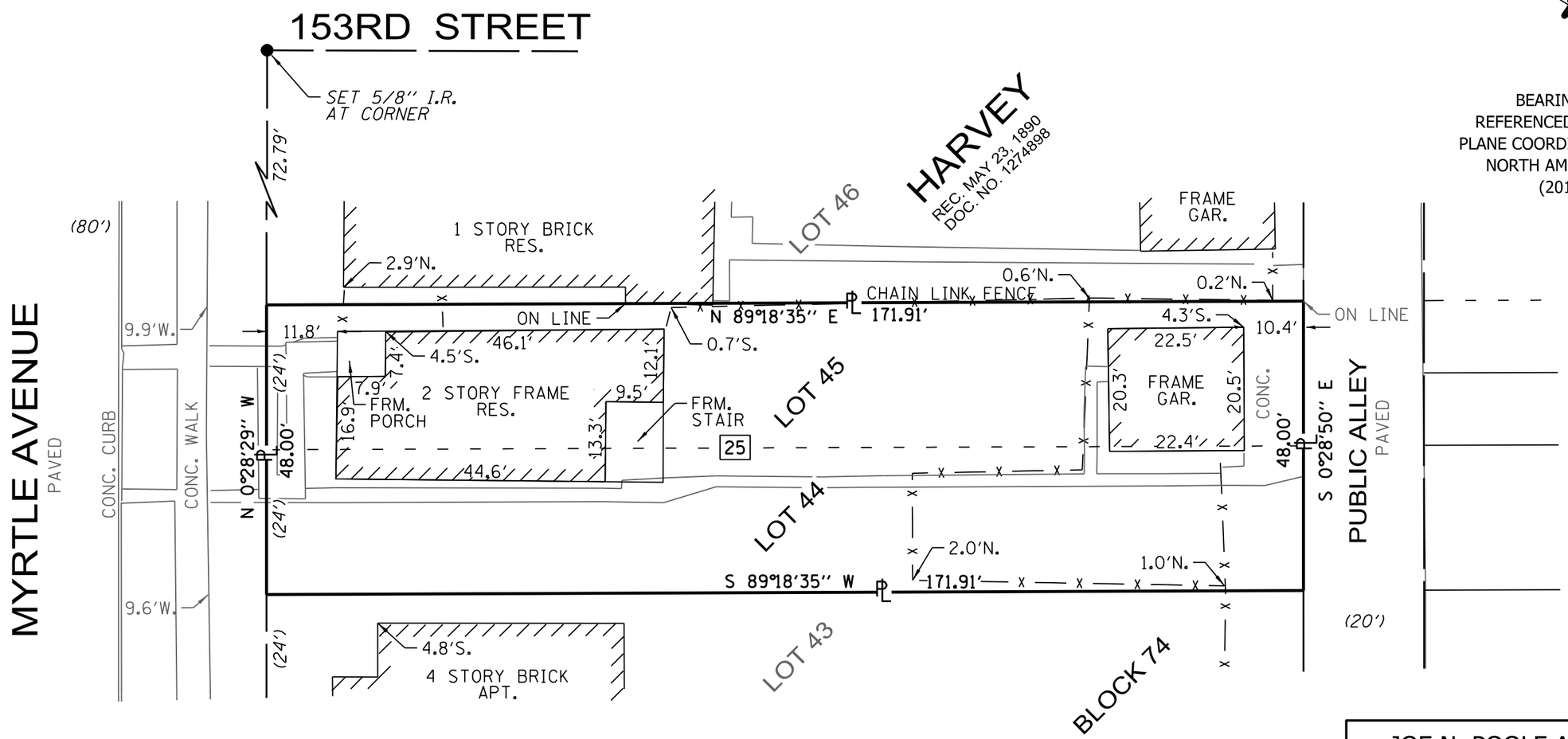
PRINT DATE: 11/9/2023

219015.1_Plat Sheets.dgn

MWRD Parcel 18 PARCEL 25 EXHIBIT

LOTS 44 AND 45 IN BLOCK 74 IN HARVEY, BLOCKS IN SECTION 17, TOWNSHIP 36 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, ILLINOIS.

15307 MYRTLE AVE, HARVEY, IL 60426



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BEARINGS AND DISTANCES REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT).

LEGEND

- PARCEL PROPERTY LINE
- PROPERTY (PIN) LINE
- PLATTED LOT LINE
- EXISTING RIGHT OF WAY LINE
- FENCE LINE
- 123.45' MEASURED DATA
- (543.21') RECORD DATA
- [#] PARCEL ACQUISITION NUMBER

1" = 20'

0 10' 20' 30' 40'

F - 19

JOE N. POOLE AND CAROLYN F. POOLE, HIS WIFE, AS JOINT TENANTS

PIN: 29-17-114-003

PARCEL AREA 8,251 SQ. FT. OR 0.189 AC.

[25]

HARVEY FLOOD CONTROL
CHICAGO TITLE INSURANCE COMPANY
COMMITMENT NO. 22010673LFE

AMERICAN
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ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-003192

PRINT DATE: 11/9/2023

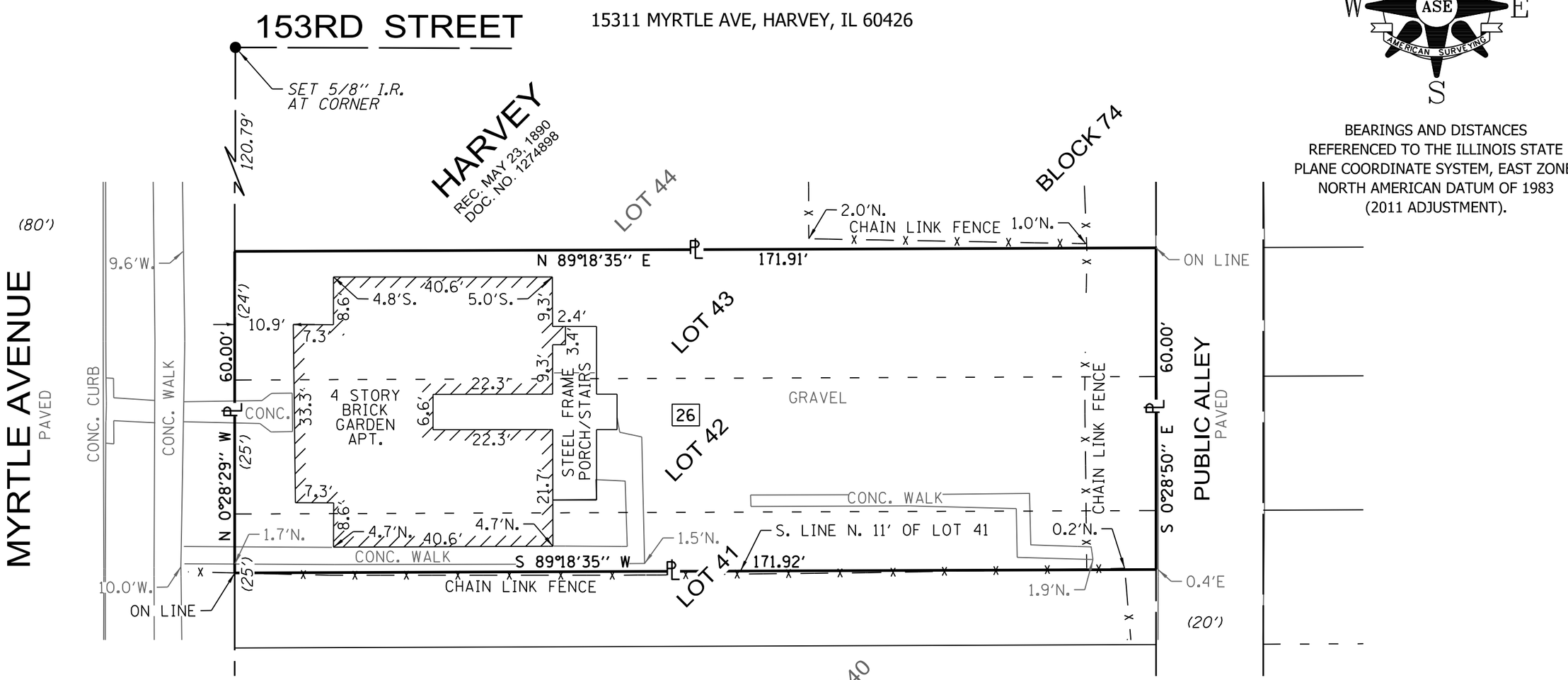
219015.1_Plat Sheets.dgn

MWRD Parcel 19

PARCEL 26 EXHIBIT

THE NORTH 11 FEET OF LOT 41 AND ALL OF LOTS 42 AND 43 IN BLOCK 74 IN HARVEY, IN SECTION 17, TOWNSHIP 36 NORTH, RANGE 14, EAST OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, ILLINOIS.

15311 MYRTLE AVE, HARVEY, IL 60426



BEARINGS AND DISTANCES REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT).

LEGEND

- PARCEL PROPERTY LINE
- PROPERTY (PIN) LINE
- PLATTED LOT LINE
- EXISTING RIGHT OF WAY LINE
- FENCE LINE
- 123.45' MEASURED DATA
- (543.21') RECORD DATA
- [*] PARCEL ACQUISITION NUMBER

1" = 20'

0 10' 20' 30' 40'

F - 20

OWNER OF RECORD

PIN: 29-17-114-004

PARCEL AREA 10315 SQ. FT. OR 0.237 AC.

26

HARVEY FLOOD CONTROL
CHICAGO TITLE INSURANCE COMPANY
COMMITMENT NO. 22010674LFE

AMERICAN
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ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-003192

SHEET 20 OF 32

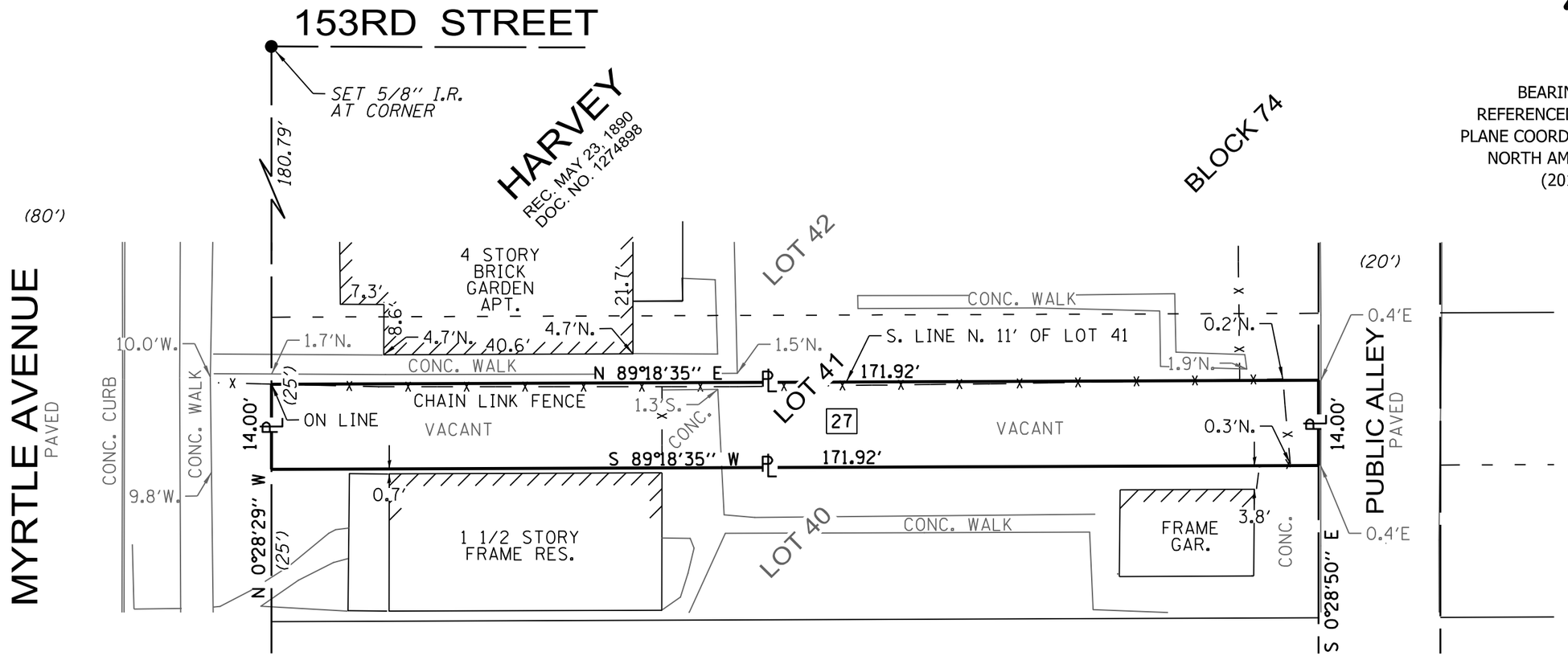
PRINT DATE: 12/8/2023

219015.1_Plat Sheets.dgn

MWRD Parcel 20 PARCEL 27 EXHIBIT

LOT 41 (EXCEPT THE NORTH 11 FEET) IN BLOCK 74 IN HARVEY, A SUBDIVISION OF PART OF SECTION 17 AND THE SOUTH 1/2 OF SECTION 8, TOWNSHIP 36 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, ILLINOIS.

VACANT LAND, A/K/A 15317 MYRTLE AVE, HARVEY, IL 60426



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AMERICAN SURVEYING

BEARINGS AND DISTANCES REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT).

LEGEND

- PARCEL PROPERTY LINE
- PROPERTY (PIN) LINE
- PLATTED LOT LINE
- EXISTING RIGHT OF WAY LINE
- FENCE LINE
- 123.45' MEASURED DATA
- (543.21') RECORD DATA
- [#] PARCEL ACQUISITION NUMBER

1" = 20'

0 10' 20' 30' 40'

F - 21

WILLIAM M. CHRISTIAN AND GEORGIA I. CHRISTIAN, IN JOINT TENANCY

PIN: 29-17-114-005

PARCEL AREA 2,407 SQ. FT. OR 0.055 AC.

27

HARVEY FLOOD CONTROL
CHICAGO TITLE INSURANCE COMPANY
COMMITMENT NO. 22010675LFE

AMERICAN
SURVEYING & ENGINEERING, LTD.
ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-003192

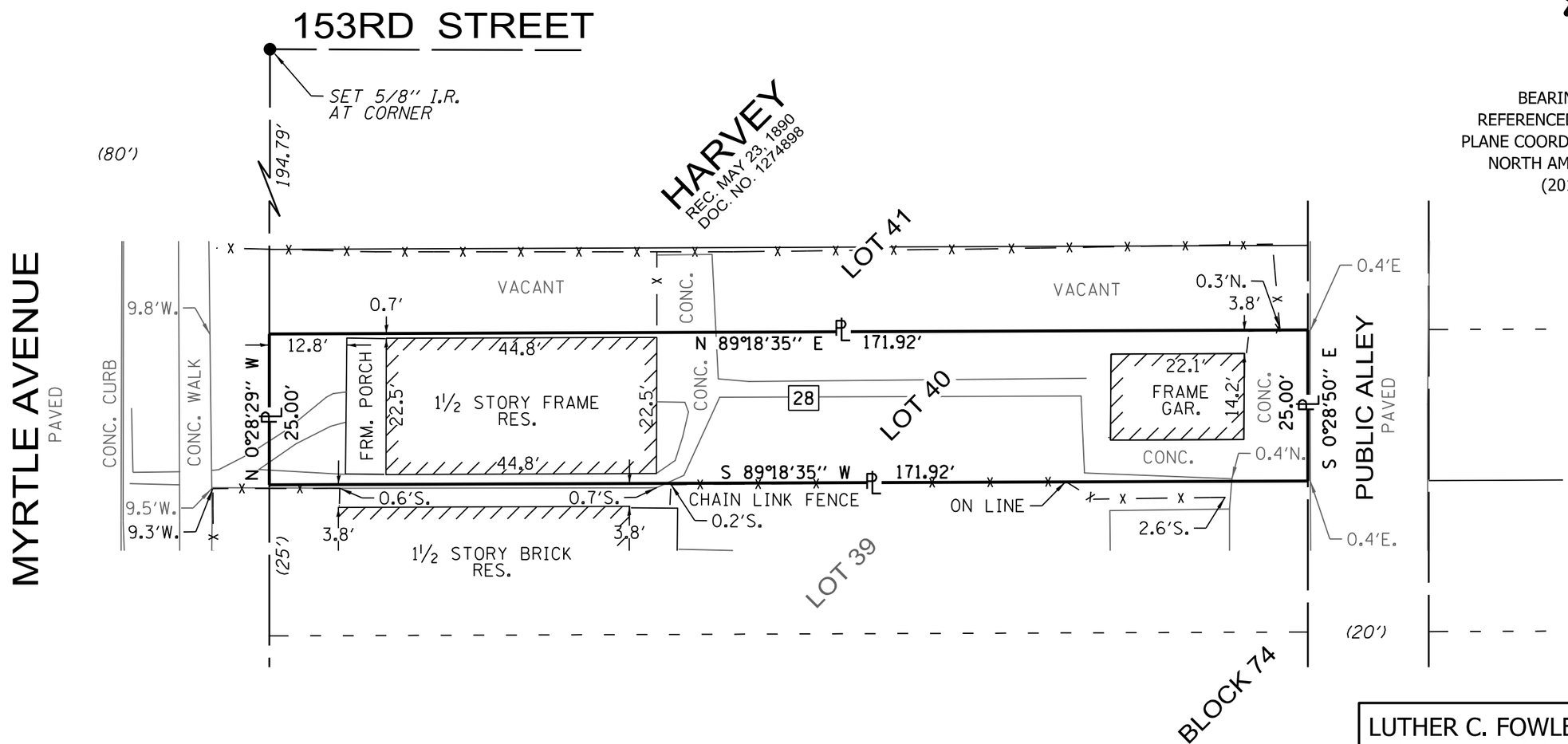
PRINT DATE: 12/15/2023

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MWRD Parcel 21 PARCEL 28 EXHIBIT

LOT 40 IN BLOCK 74 IN HARVEY, A SUBDIVISION OF PART OF SECTION 17 AND THE SOUTH 1/2 OF SECTION 8, TOWNSHIP 36 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, ILLINOIS.

15317 MYRTLE AVE, HARVEY, IL 60426



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AMERICAN SURVEYING

BEARINGS AND DISTANCES REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT).

LEGEND

PARCEL PROPERTY LINE	EXISTING RIGHT OF WAY LINE
PROPERTY (PIN) LINE	FENCE LINE
PLATTED LOT LINE	123.45' MEASURED DATA
	(543.21') RECORD DATA

[*] PARCEL ACQUISITION NUMBER

1" = 20'

0 10' 20' 30' 40'

F - 22

LUTHER C. FOWLER AND MATTIE R. FOWLER, HUSBAND AND WIFE, AS TENANTS BY THE ENTIRETY

PIN: 29-17-114-006

PARCEL AREA 4,298 SQ. FT. OR 0.099 AC.

28

HARVEY FLOOD CONTROL
CHICAGO TITLE INSURANCE COMPANY
COMMITMENT NO. 22010676LFE

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SHEET 22 OF 32

PRINT DATE: 12/15/2023

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MWRD Parcel 22 PARCEL 29 EXHIBIT

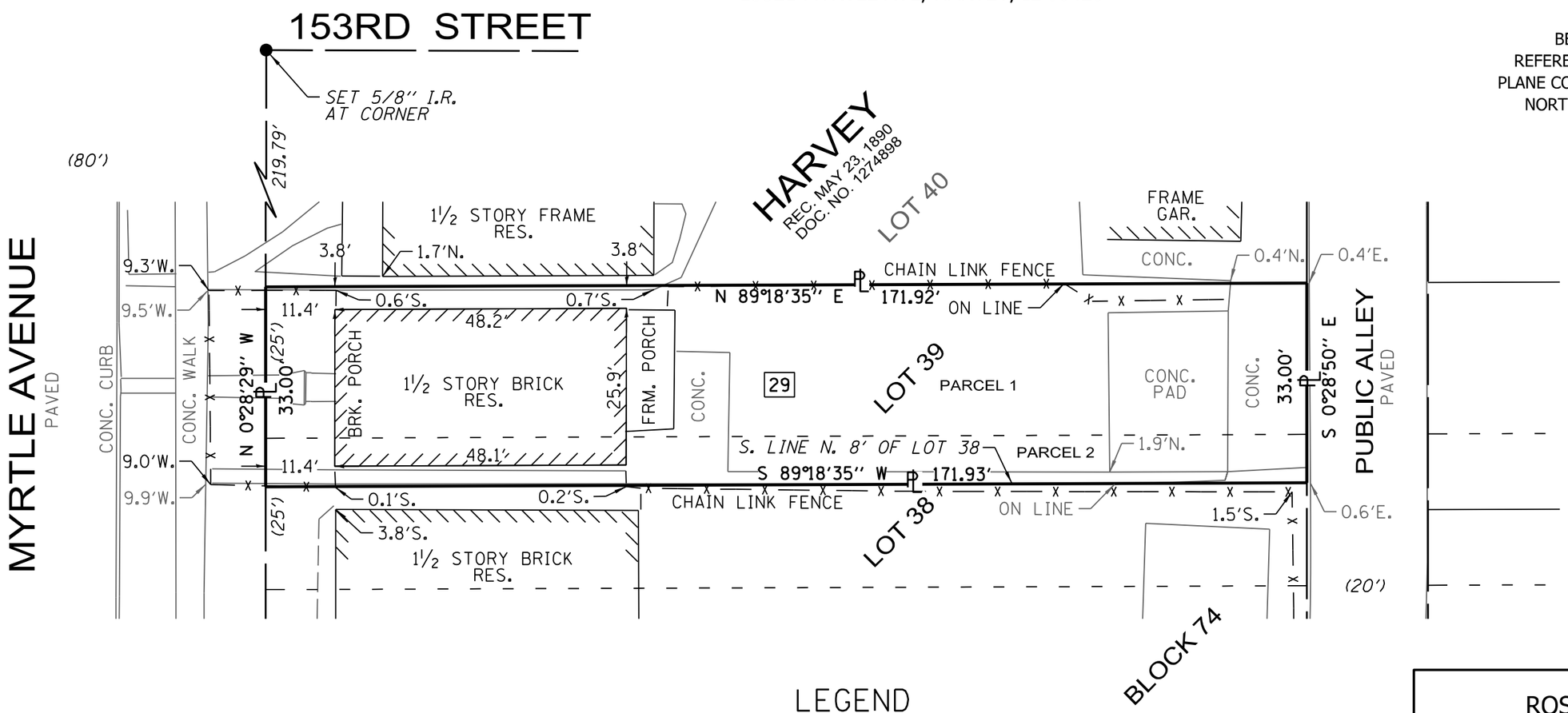
PARCEL 1: LOT 39 IN BLOCK 74 OF HARVEY, A SUBDIVISION OF PART OF SECTION 1 7, TOWNSHIP 36 NORTH, RANGE 14, EAST OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, ILLINOIS.

PARCEL 2: THE NORTH 8 FEET OF LOT 38 IN BLOCK 74 OF HARVEY, A SUBDIVISION OF PART OF SECTION 1 7, TOWNSHIP 36 NORTH, RANGE 14, EAST OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, ILLINOIS.

15321 MYRTLE AVE, HARVEY, IL 60426

N W ASE E S AMERICAN SURVEYING

BEARINGS AND DISTANCES REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT).



LEGEND

PARCEL PROPERTY LINE

PROPERTY (PIN) LINE

PLATTED LOT LINE

EXISTING RIGHT OF WAY LINE

FENCE LINE

123.45' MEASURED DATA

(543.21') RECORD DATA

[#] PARCEL ACQUISITION NUMBER

1" = 20'

0 10' 20' 30' 40'

F - 23

AMERICAN
SURVEYING & ENGINEERING, LTD.
ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-003192

ROSE B. SMITH

PIN: 29-17-114-007

PARCEL AREA 5,673 SQ. FT. OR 0.130 AC.

29

HARVEY FLOOD CONTROL
CHICAGO TITLE INSURANCE COMPANY
COMMITMENT NO. 22010667LFE

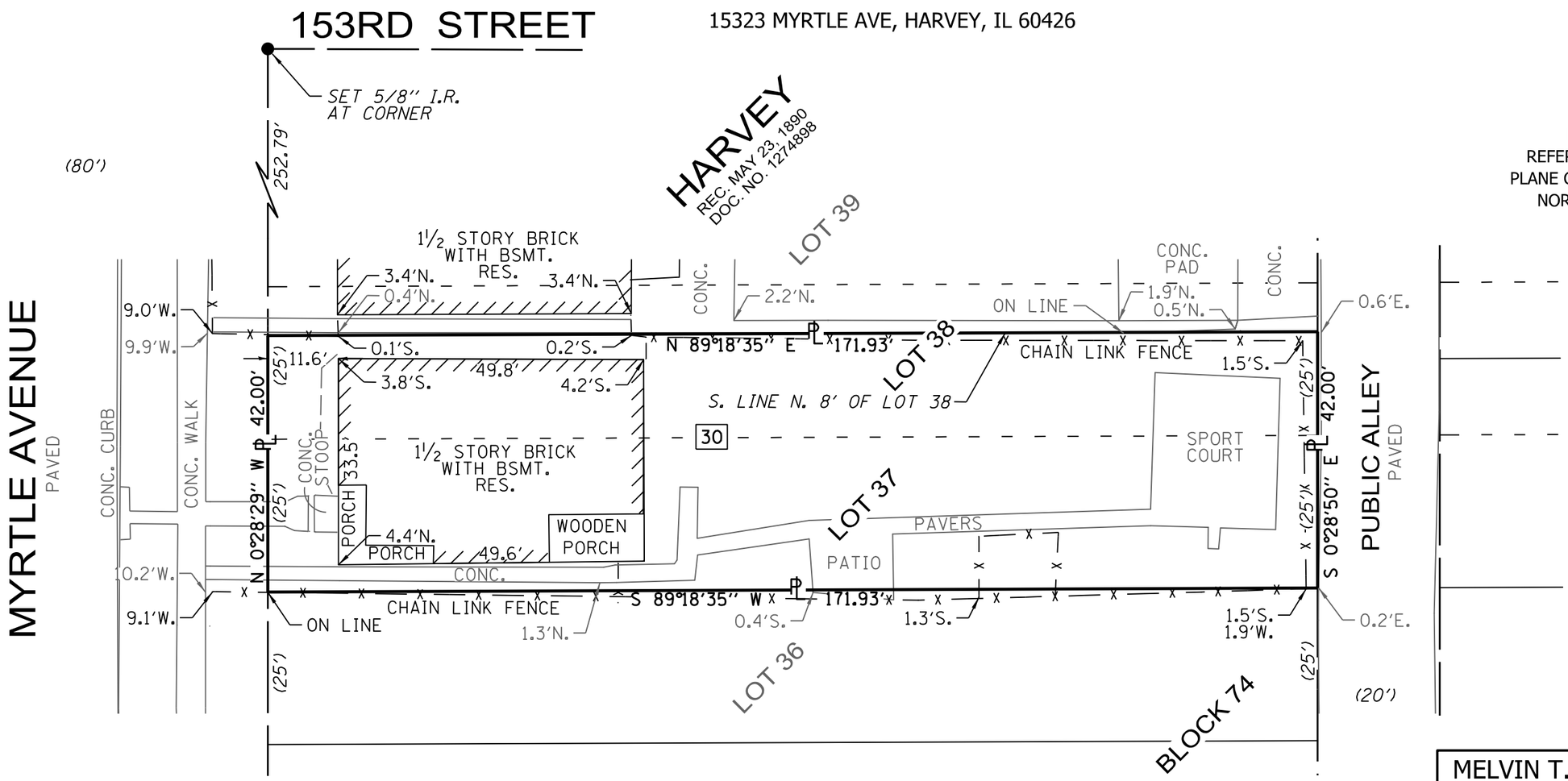
PRINT DATE: 11/9/2023

219015.1_Plat Sheets.dgn

MWRD Parcel 23 PARCEL 30 EXHIBIT

LOT 38 (EXCEPT THE NORTH 8 FEET THEREOF) AND ALL OF LOT 37 IN BLOCK 74 IN HARVEY, A SUBDIVISION OF PART OF SECTION 17 AND THE SOUTH 1/2 OF SECTION 8, TOWNSHIP 36 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, ILLINOIS.

15323 MYRTLE AVE, HARVEY, IL 60426



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AMERICAN SURVEYING

BEARINGS AND DISTANCES REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT).

LEGEND

PARCEL PROPERTY LINE	EXISTING RIGHT OF WAY LINE
PROPERTY (PIN) LINE	FENCE LINE
PLATTED LOT LINE	123.45' MEASURED DATA
	(543.21') RECORD DATA

[#] PARCEL ACQUISITION NUMBER

1" = 20'

0 10' 20' 30' 40'

F - 24

MELVIN T. BROOMFIELD AND PEARL E. BROOMFIELD, IN JOINT TENANCY

PIN: 29-17-114-008

PARCEL AREA 7,221 SQ. FT. OR 0.166 AC.

30

HARVEY FLOOD CONTROL
CHICAGO TITLE INSURANCE COMPANY
COMMITMENT NO. 22010678LFE

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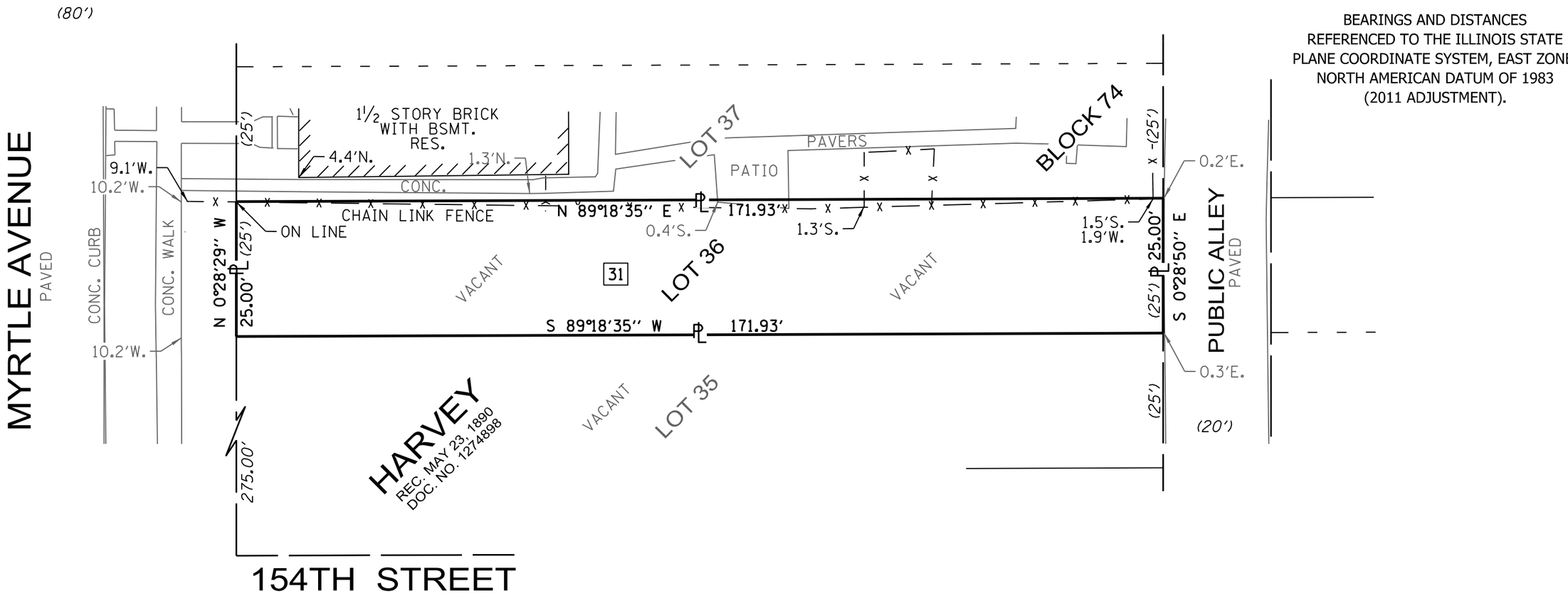
MWRD Parcel 24 PARCEL 31 EXHIBIT

LOT 36 IN BLOCK 74 IN HARVEY IN THE SOUTHWEST 1/4 OF THE NORTHWEST 1/4 OF SECTION 17, TOWNSHIP 36 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, ILLINOIS.

VACANT LAND A/K/A 15327 MYRTLE AVE, HARVEY, IL 60426

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AMERICAN SURVEYING
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BEARINGS AND DISTANCES REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT).



LEGEND

PARCEL PROPERTY LINE	EXISTING RIGHT OF WAY LINE
PROPERTY (PIN) LINE	FENCE LINE
PLATTED LOT LINE	123.45' MEASURED DATA
	(543.21') RECORD DATA

[#] PARCEL ACQUISITION NUMBER

1" = 20'

0 10' 20' 30' 40'

F - 25

MELVIN CLARK

PIN: 29-17-114-009

PARCEL AREA 4,298 SQ. FT. OR 0.099 AC.

31

HARVEY FLOOD CONTROL
CHICAGO TITLE INSURANCE COMPANY
COMMITMENT NO. 22010679LFE

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SHEET 25 OF 32

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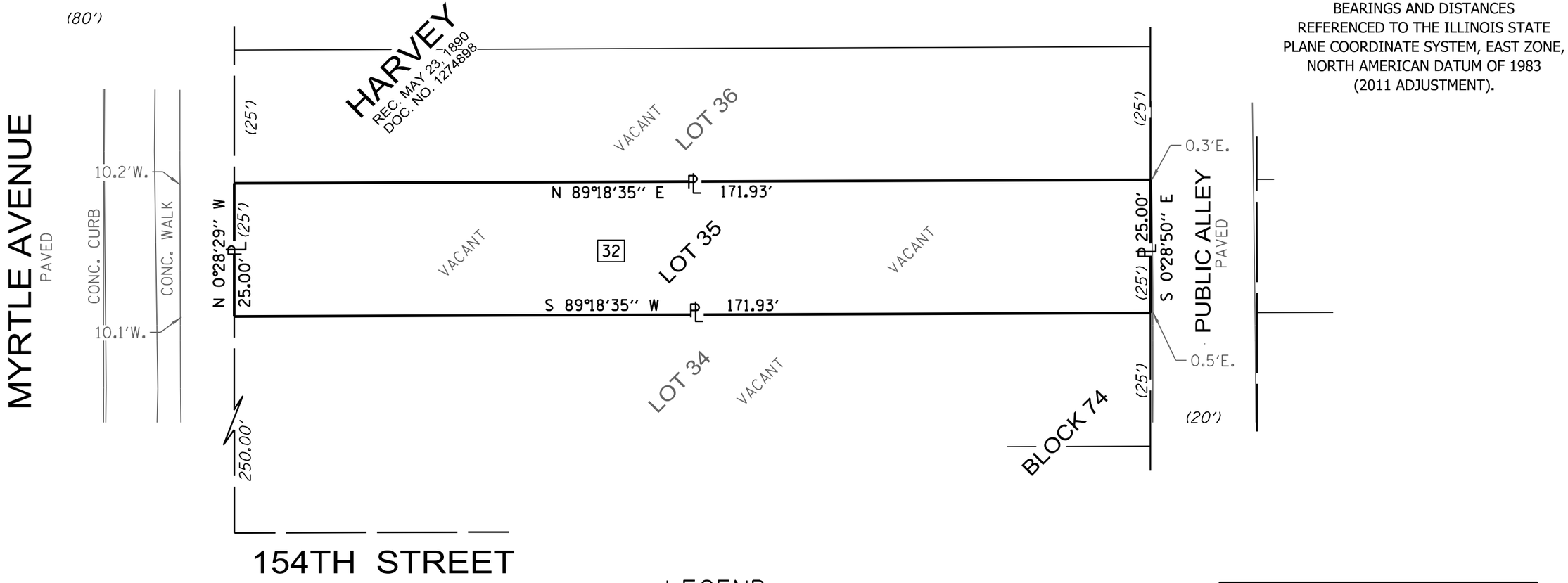
219015.1_Plat Sheets.dgn

MWRD Parcel 25 PARCEL 32 EXHIBIT

LOT 35 IN BLOCK 74 IN HARVEY IN THE SOUTHWEST 1/4 OF THE NORTHWEST 1/4 OF SECTION 17, TOWNSHIP 36 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, ILLINOIS.

15327 MYRTLE AVE, HARVEY, IL 60426

BEARINGS AND DISTANCES REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT).



LEGEND

- PARCEL PROPERTY LINE
- PROPERTY (PIN) LINE
- PLATTED LOT LINE
- EXISTING RIGHT OF WAY LINE
- FENCE LINE
- 123.45' MEASURED DATA
- (543.21') RECORD DATA
- [#] PARCEL ACQUISITION NUMBER

1" = 20'

0 10' 20' 30' 40'

MELVIN CLARK

PIN: 29-17-114-010

PARCEL AREA 4,298 SQ. FT. OR 0.099 AC.

32

HARVEY FLOOD CONTROL
CHICAGO TITLE INSURANCE COMPANY
COMMITMENT NO. 22010680LFE

AMERICAN
SURVEYING & ENGINEERING, LTD.
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REV. 12/20/2023
PRINT DATE: 12/20/2023

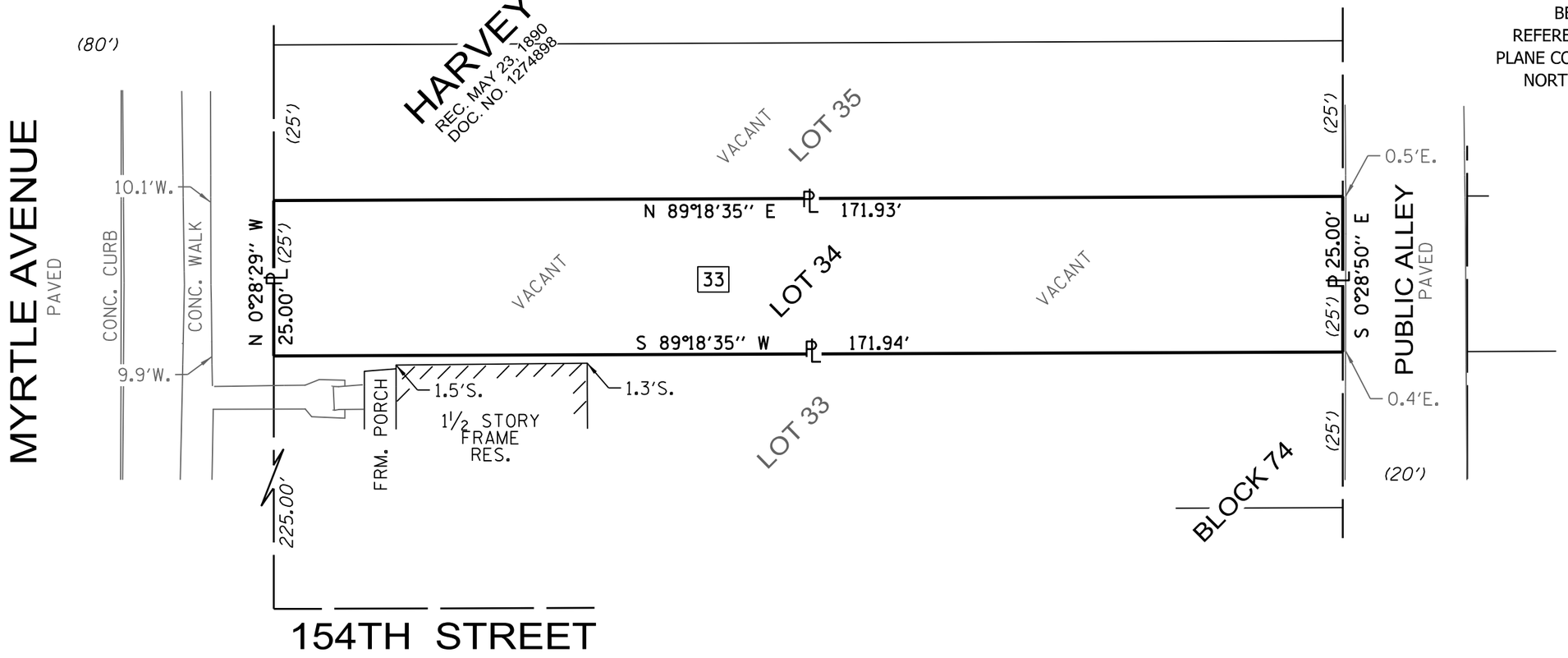
SHEET 26 OF 32

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MWRD Parcel 26 PARCEL 33 EXHIBIT

LOT 34 IN BLOCK 74 IN HARVEY IN THE SOUTHWEST 1/4 OF THE NORTHWEST 1/4 OF SECTION 17, TOWNSHIP 36 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, ILLINOIS.

15329 MYRTLE AVE, HARVEY, IL 60426



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AMERICAN SURVEYING

BEARINGS AND DISTANCES REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT).

LEGEND

PARCEL PROPERTY LINE	EXISTING RIGHT OF WAY LINE
PROPERTY (PIN) LINE	FENCE LINE
PLATTED LOT LINE	123.45' MEASURED DATA
	(543.21') RECORD DATA

[*] PARCEL ACQUISITION NUMBER

1" = 20'

0 10' 20' 30' 40'

LESTER WILSON

PIN: 29-17-114-011

PARCEL AREA 4,298 SQ. FT. OR 0.099 AC.

33

HARVEY FLOOD CONTROL
CHICAGO TITLE INSURANCE COMPANY
COMMITMENT NO. 22010681LFE

AMERICAN
SURVEYING & ENGINEERING, LTD.
ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-003192

REV. 12/20/2023
PRINT DATE: 12/20/2023

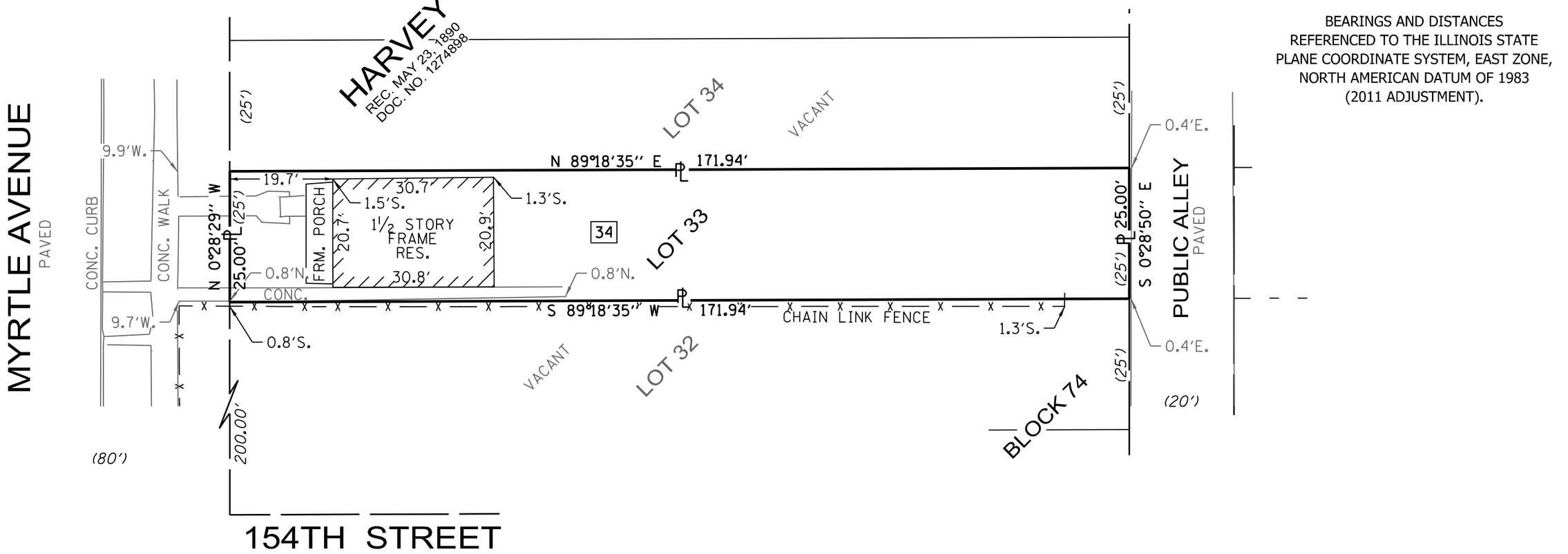
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MWRD Parcel 27 PARCEL 34 EXHIBIT

LOT 33 IN BLOCK 74 IN HARVEY IN THE SOUTHWEST 1/4 OF THE NORTHWEST 1/4 OF SECTION 17, TOWNSHIP 36 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, ILLINOIS.

15331 MYRTLE AVE, HARVEY, IL 60426

BEARINGS AND DISTANCES REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT).



LEGEND

- PARCEL PROPERTY LINE
- PROPERTY (PIN) LINE
- PLATTED LOT LINE
- EXISTING RIGHT OF WAY LINE
- FENCE LINE
- 123.45' MEASURED DATA
- (543.21') RECORD DATA
- [*] PARCEL ACQUISITION NUMBER

1" = 20'

0 10' 20' 30' 40'

F - 28

STATEWIDE CAPITAL INVESTMENTS, LLC

PIN: 29-17-114-012

PARCEL AREA 4,298 SQ. FT. OR 0.099 AC.

34

HARVEY FLOOD CONTROL
CHICAGO TITLE INSURANCE COMPANY
COMMITMENT NO. 22010682LFE

AMERICAN SURVEYING & ENGINEERING, LTD.
ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-003192

SHEET 28 OF 32

PRINT DATE: 12/22/2023

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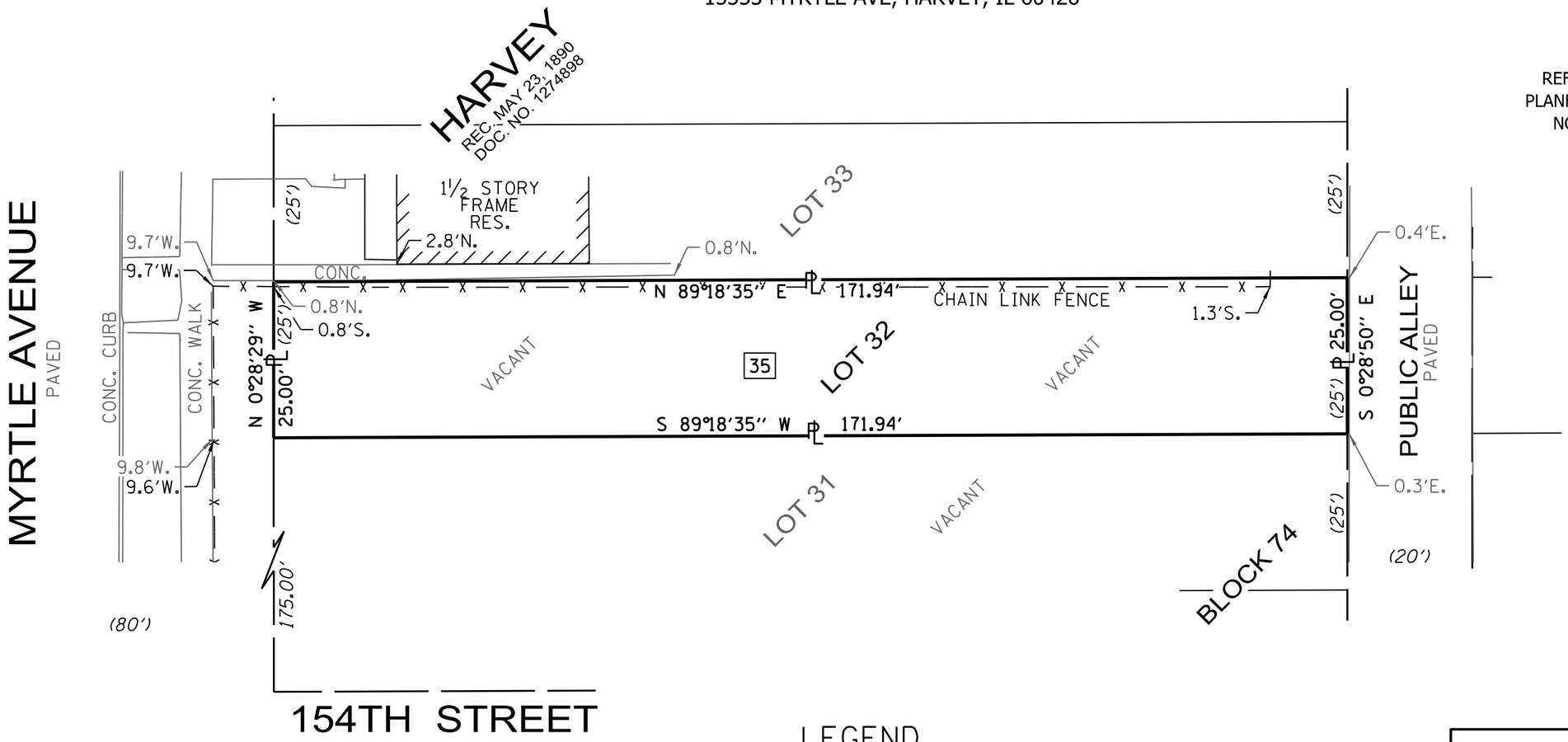
MWRD Parcel 28 PARCEL 35 EXHIBIT

LOT 32 IN BLOCK 74 IN HARVEY, A SUBDIVISION OF PART OF THAT PART OF SECTION 17, TOWNSHIP 36 NORTH, RANGE 14, LYING WEST OF THE I. C. RAILROAD TOGETHER WITH BLOCKS 53, 54, 55, 62, 66, 69 TO 84 AND THAT PART OF BLOCKS 67 LYING SOUTH OF THE 84 AND THAT PART OF BLOCKS 67 LYING SOUTH OF THE C AND GT RAILROAD IN SOUTH LAWN, A SUBDIVISION OF SECTION 17 AND THE SOUTH 1/2 OF SECTION 8, TOWNSHIP 36 NORTH, RANGE 14, EAST OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, ILLINOIS.

15333 MYRTLE AVE, HARVEY, IL 60426

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BEARINGS AND DISTANCES REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT).



LEGEND

PARCEL PROPERTY LINE

PROPERTY (PIN) LINE

PLATTED LOT LINE

EXISTING RIGHT OF WAY LINE

FENCE LINE

123.45' MEASURED DATA

(543.21') RECORD DATA

[#] PARCEL ACQUISITION NUMBER

1" = 20'

0 10' 20' 30' 40'

F - 29

ELIZABETH WILLIAMS

PIN: 29-17-114-013

PARCEL AREA 4,298 SQ. FT. OR 0.099 AC.

35

HARVEY FLOOD CONTROL
CHICAGO TITLE INSURANCE COMPANY
COMMITMENT NO. 22010683LFE

AMERICAN
SURVEYING & ENGINEERING, LTD.
ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-003192

SHEET 29 OF 32

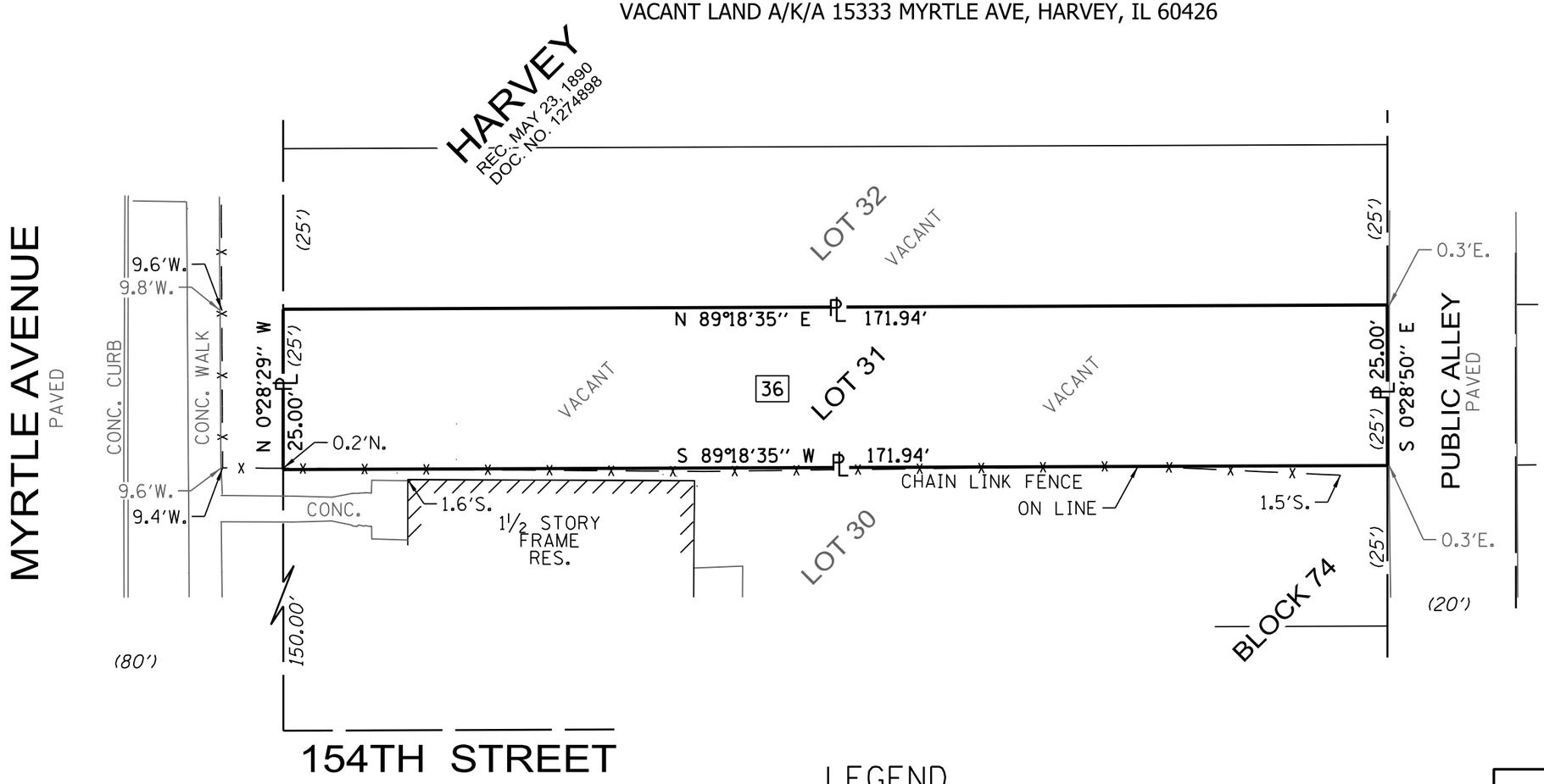
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MWRD Parcel 29 PARCEL 36 EXHIBIT

LOT 31 IN BLOCK 74 IN HARVEY, A SUBDIVISION OF PART OF THAT PART OF SECTION 17, TOWNSHIP 36 NORTH, RANGE 14, LYING WEST OF THE I. C. RAILROAD TOGETHER WITH BLOCKS 53, 54, 55, 62, 66, 69 TO 84 AND THAT PART OF BLOCKS 67 LYING SOUTH OF THE 84 AND THAT PART OF BLOCKS 67 LYING SOUTH OF THE C AND GT RAILROAD IN SOUTH LAWN, A SUBDIVISION OF SECTION 17 AND THE SOUTH 1/2 OF SECTION 8, TOWNSHIP 36 NORTH, RANGE 14, EAST OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, ILLINOIS.

VACANT LAND A/K/A 15333 MYRTLE AVE, HARVEY, IL 60426



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BEARINGS AND DISTANCES REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT).

LEGEND

PARCEL PROPERTY LINE	EXISTING RIGHT OF WAY LINE
PROPERTY (PIN) LINE	FENCE LINE
PLATTED LOT LINE	123.45' MEASURED DATA
	(543.21') RECORD DATA

[#] PARCEL ACQUISITION NUMBER

1" = 20'

0 10' 20' 30' 40'

F - 30

ELIZABETH WILLIAMS

PIN: 29-17-114-039

PARCEL AREA 4,299 SQ. FT. OR 0.099 AC.

36

HARVEY FLOOD CONTROL
CHICAGO TITLE INSURANCE COMPANY
COMMITMENT NO. 22010684LFE

SHEET 30 OF 32

AMERICAN
SURVEYING & ENGINEERING, LTD.
ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-003192

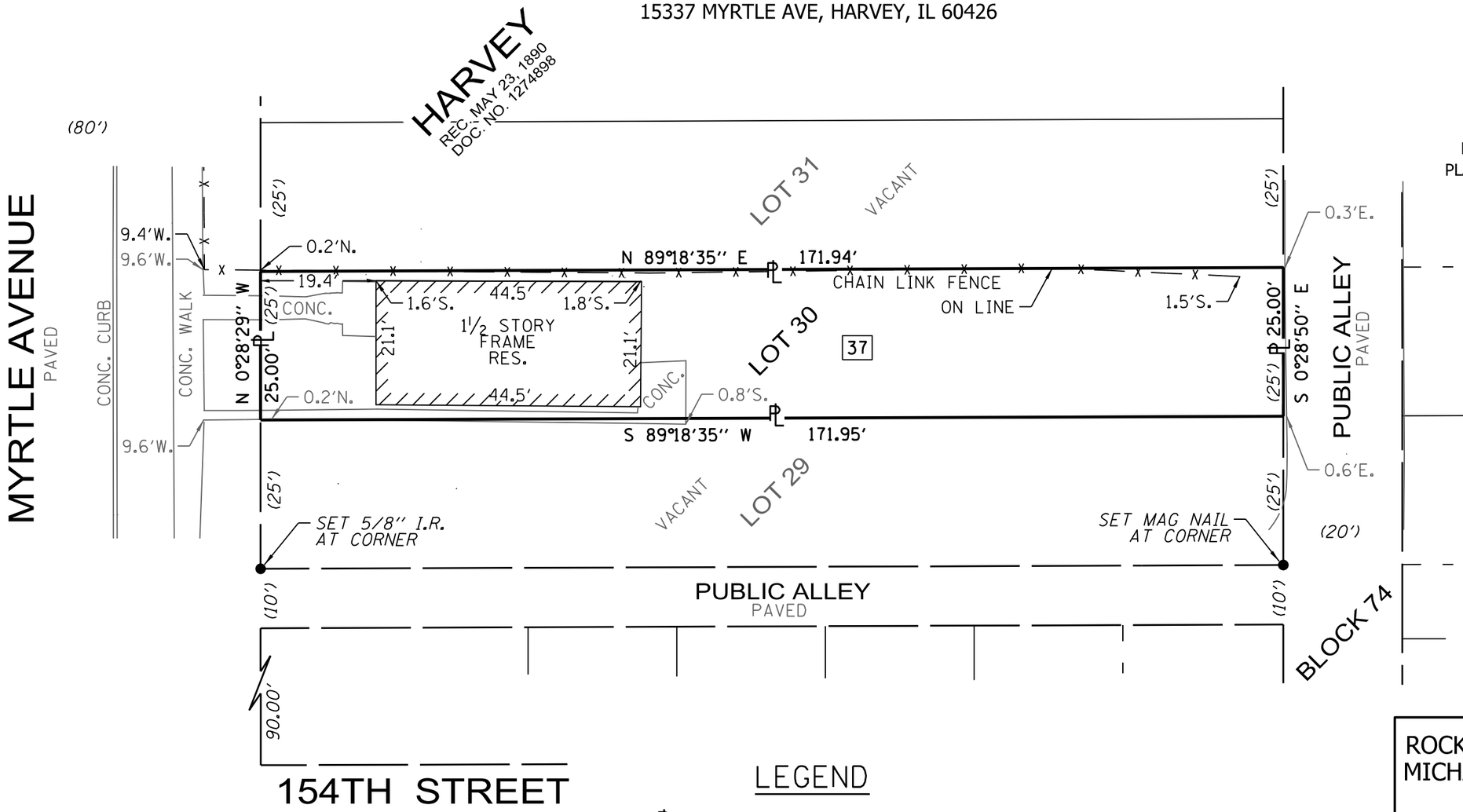
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MWRD Parcel 30 PARCEL 37 EXHIBIT

LOT 30 IN BLOCK 74 IN HARVEY, IN THE WEST 1/2 OF SECTION 17, TOWNSHIP 36 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, ILLINOIS.

15337 MYRTLE AVE, HARVEY, IL 60426



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BEARINGS AND DISTANCES REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT).

LEGEND

- PARCEL PROPERTY LINE
- PROPERTY (PIN) LINE
- PLATTED LOT LINE
- EXISTING RIGHT OF WAY LINE
- FENCE LINE
- 123.45' MEASURED DATA
- (543.21') RECORD DATA
- [#] PARCEL ACQUISITION NUMBER

1" = 20'

0 10' 20' 30' 40'

F - 31

ROCKSIEANNE WILLIAMS AND MICHAEL WILLIAMS, AS JOINT TENANTS

PIN: 29-17-114-040

PARCEL AREA 4,299 SQ. FT. OR 0.099 AC.

37

HARVEY FLOOD CONTROL
CHICAGO TITLE INSURANCE COMPANY
COMMITMENT NO. 22010685LFE

AMERICAN
SURVEYING & ENGINEERING, LTD.
ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-003192

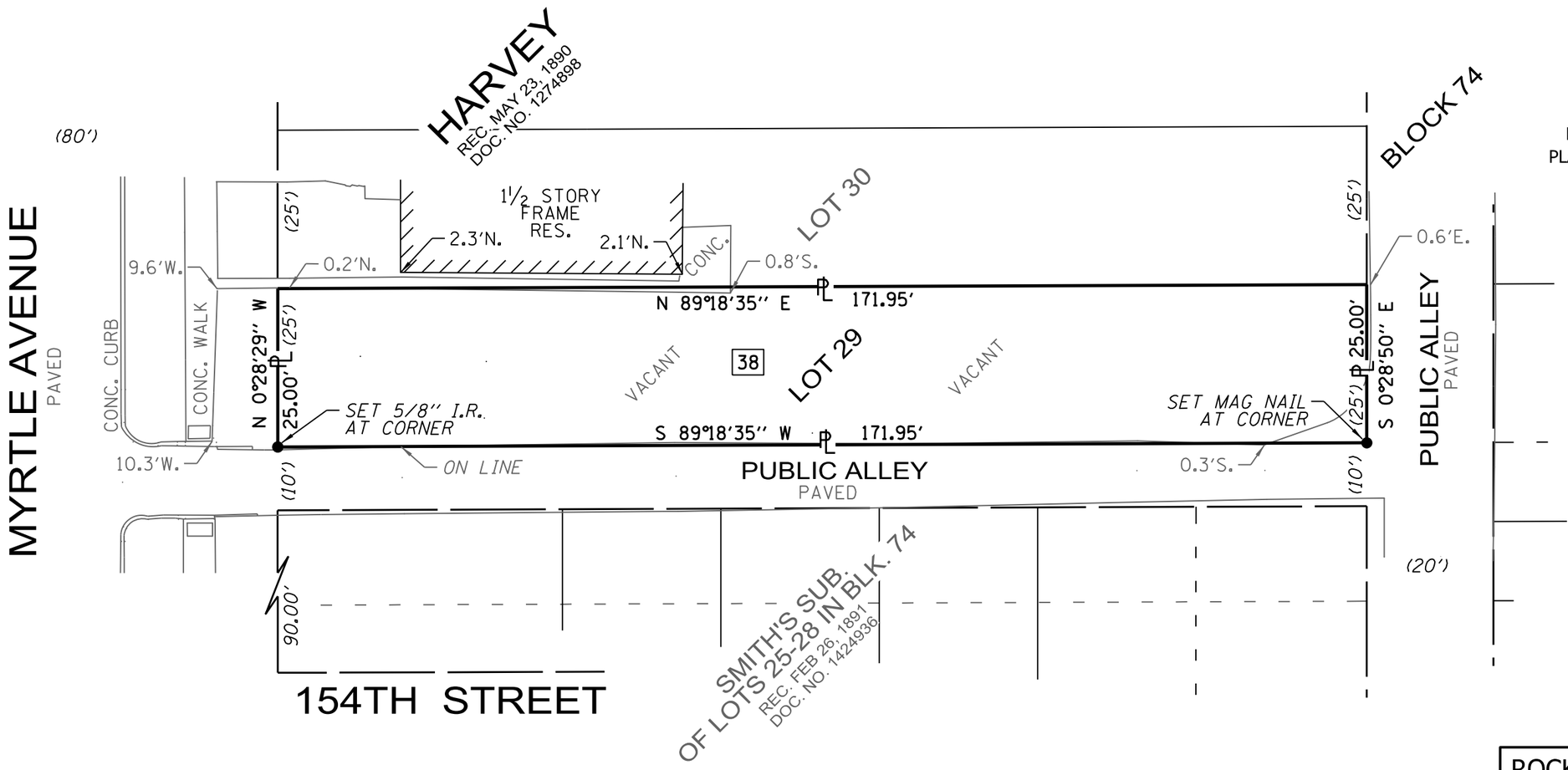
PRINT DATE: 12/22/2023

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MWRD Parcel 31 PARCEL 38 EXHIBIT

LOT 29 IN BLOCK 74 IN HARVEY, IN THE WEST 1/2 OF SECTION 17, TOWNSHIP 36 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, ILLINOIS.

VACANT LAND A/K/A 15337 MYRTLE AVE, HARVEY, IL 60426





BEARINGS AND DISTANCES REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT).

LEGEND

- PARCEL PROPERTY LINE
- PROPERTY (PIN) LINE
- PLATTED LOT LINE
- EXISTING RIGHT OF WAY LINE
- FENCE LINE
- 123.45' MEASURED DATA
- (543.21') RECORD DATA
- [#] PARCEL ACQUISITION NUMBER

1" = 20'

0 10' 20' 30' 40'

F - 32

ROCKSIEANNE WILLIAMS AND MICHAEL WILLIAMS, AS JOINT TENANTS

PIN: 29-17-114-016

PARCEL AREA 4,299 SQ. FT. OR 0.099 AC.

38

HARVEY FLOOD CONTROL
CHICAGO TITLE INSURANCE COMPANY
COMMITMENT NO. 22010686LFE

AMERICAN
SURVEYING & ENGINEERING, LTD.
ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-003192

PRINT DATE: 12/22/2023

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METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO

CONTRACT 18-249-BF

DEMOLITION FOR CENTRAL PARK STORMWATER DETENTION BASIN AND SEPARATE STORM SEWER IMPROVEMENTS IN HARVEY

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Pg Nos.	Parcel (PCL) No.	Address	Report Date
J-1 to J-266	PCL 1-31	15300-15337 Myrtle Avenue, Harvey, IL 60426	December 19, 2023

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A3 Environmental, LLC
T: (888) 405-1742
F: (630) 507-9003
Info@A3E.com

December 19, 2023

Metropolitan Water Reclamation District of Greater Chicago (MWRD)
111 E Erie Street
Chicago, IL 60611

RE: Phase I Environmental Site Assessment
Residential Properties
15300-15337 Myrtle Avenue
Harvey, IL 60426
A3E Project No.: 2023.0731

Dear Mr. Kittler:

A3 Environmental, LLC ("A3E") has completed a Phase I Environmental Site Assessment on the above referenced property. The work was conducted in accordance with A3E's letter of engagement and generally accepted industry standards. This report was prepared solely for the use of Metropolitan Water Reclamation District of Greater Chicago (MWRD) (hereinafter "Client" or "User") and any party specifically referenced in Section 2.9 User Reliance. No other party shall use or rely on this report or the findings herein, without the prior written consent of A3E.

Thank you for the opportunity to provide our services. If you have any questions or need any additional information, please contact the undersigned at 630-507-9002.

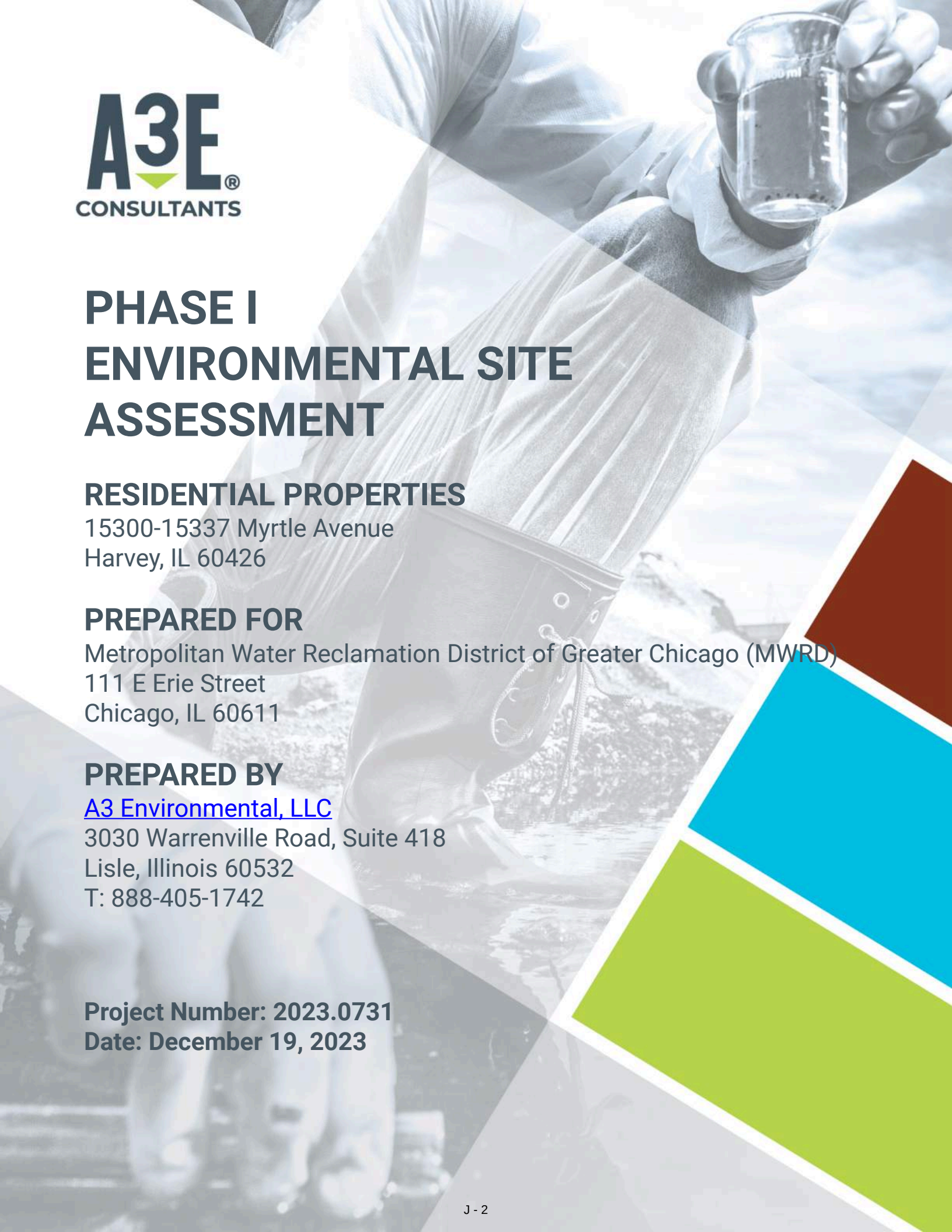
Sincerely,

Report Writer:

Brian Englert
Due Diligence Manager

Senior Reviewer:

Patrick W. Hook, P.G.
Sr. Project Manager



PHASE I ENVIRONMENTAL SITE ASSESSMENT

RESIDENTIAL PROPERTIES

15300-15337 Myrtle Avenue
Harvey, IL 60426

PREPARED FOR

Metropolitan Water Reclamation District of Greater Chicago (MWRD)
111 E Erie Street
Chicago, IL 60611

PREPARED BY

A3 Environmental, LLC
3030 Warrenville Road, Suite 418
Lisle, Illinois 60532
T: 888-405-1742

Project Number: 2023.0731
Date: December 19, 2023

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1.0 EXECUTIVE SUMMARY

A3 Environmental, LLC (A3E) personnel performed this *Phase I Environmental Site Assessment (ESA)* in conformance with the scope and limitations of The American Society for Testing and Materials (ASTM) Standard Practice for *Environmental Site Assessments: Phase I Environmental Site Assessment Process (E1527-21) and* the United States Environmental Protection Agency (USEPA) *All Appropriate Inquiry (40 CFR 312),* for the Residential Properties located at 15300-15337 Myrtle Avenue in Harvey, Cook County, IL (hereinafter referred to as the Subject Property).

The Phase I ESA is designed to provide Metropolitan Water Reclamation District of Greater Chicago (MWRD) with an assessment concerning environmental conditions (limited to those issues identified in Section 2.7) as they exist at the Subject Property.

Subject Property Description	
Property Name	Residential Properties
Property Address	15300-15337 Myrtle Avenue
City, County, State, Zip	Harvey, Cook County, IL 60426
Historical/Additional Addresses	15338 Myrtle Avenue (historical address per the 1911-1975 Insurance Maps) 15339 Myrtle Avenue (historical address per the 1911 Fire Insurance Maps)
Location	The Subject Property is located along Myrtle Avenue, directly south of East 153rd Street and north of East 154th Street. The east and west boundaries are bordered by public alleyways.
Property Use	Residential
Number of Parcels/ Parcel Number(s)	Thirty One (31); 29171130210000, 29171130220000, 29171130230000, 29171130240000, 29171130250000, 29171130260000, 29171130270000, 29171130280000, 29171130290000, 29171130300000, 29171130310000, 29171130320000, 29171130330000, 29171130340000, 29171130350000, 29171140010000, 29171140020000, 29171140030000, 29171140040000, 29171140050000, 29171140060000, 29171140070000, 29171140080000, 29171140090000, 29171140100000, 29171140110000, 29171140120000, 29171140130000, 29171140390000, 29171140400000, 29171140160000
Size/Acres	4.97 (Tax Assessor)
Site Reconnaissance Summary	
Summary of Subject Property Buildings, SF, occupants HAZ material use.	The Subject Property consists of various sized residential houses and vacant lots. No hazardous materials were identified on the Subject Property. Refer to Section 4.4 for further discussion regarding site observations.
Summary of Adjoining Properties	No environmental concerns were identified on the adjoining properties. The north adjoining property is currently residential houses and a school, the east adjoining property primarily consists of residential houses, the south adjoining property consists of a commercial building, vacant lot and residential houses, and the west adjoining property consists primarily of residential houses.

Regulatory Summary	
Summary of Subject Property	The Subject Property, identified as 15333 Myrtle Avenue, is listed on the FINDS/ FRS database and is discussed further in Section 5.2.3.
Summary of Adjoining Properties	The adjoining properties were not identified on any of the available regulatory databases.
Historical Summary	
Summary of Subject Property	The Subject Property is developed with several similar sized structures between 1911 and 2022. Over the years, select parcels were either redeveloped with new structures and/or existing structures were razed and left as vacant lots. No environmental concerns were identified within the historical records.
Summary of Adjoining Properties	The north adjoining property is developed with various sized structures between 1938 and 2022. Former occupants include residents and Ascension Church and School. The east adjoining property is developed with various sized structures between 1938 and 2022. Former occupants include residents and Calvary Temple of God. The west adjoining property is developed with various sized structures between 1938 and 2022. Former occupants include residents. The south adjoining property was developed as early as 1938 with several various sized structures and paced parking areas. Sometime between 2006 and 2009, the existing structures on the eastern portion of the property was razed and left as vacant lots. The property has since been in its current configuration. One of the properties was developed as a gas station and automotive repair center at least between 1949 and 1975 including three underground storage tanks. Refer to Section 8.0 for reference.

1.1 Findings

This section is a brief summary of the findings and does not represent a detailed summary of the information gathered in the preparation of this report. The Phase I ESA report should be reviewed in its entirety to fully understand any environmental conditions associated with the Subject Property. For more detailed information on the findings listed below, refer to Section 8.0.

1.1.1 Recognized Environmental Conditions (RECs)

This assessment has revealed the following evidence of known or suspect RECs in connection with the Subject Property.

- Historical records identified the south adjoining property, addressed 15347 Myrtle Avenue and 63 East 154th Street, as a gasoline service station and automotive repair facility between 1949 and 1975. The property was equipped with at least three undergrounds storage tanks and a repair center structure. No information pertinent to the status and operation of USTs and their removal/closure was ascertained. In addition,

no documentation was available indicating whether any soil or groundwater sampling was performed for the presence of petroleum hydrocarbons. Based on the absence of data confirming the presence of the USTs, the long-term automotive use of the property (20-25 years), or whether a release had occurred, it is possible that petroleum hydrocarbons may have impacted the subsurface and migrated onto the Subject Property given the close proximity. Therefore, it is A3E's opinion that this represents a REC.

1.1.2 Controlled Recognized Environmental Conditions (CRECs)

This assessment has revealed no evidence of known or suspect CRECs in connection with the Subject Property.

1.1.3 Historical Recognized Environmental Conditions (HRECs)

This assessment has revealed no evidence of known or suspect HRECs in connection with the Subject Property.

1.1.4 De Minimis Conditions (DMCs)

A3E did not identify evidence of De Minimis Conditions during this assessment.

1.1.5 Significant Data Gaps

- A3E was unable to gain interior access to any of the existing buildings on site due to occupied residences inhibiting site observations and the identification of any suspect piping, above ground storage tanks, oil staining, and storage of any hazardous materials or chemicals. Based on limited observations and obtained information, it is A3E's opinion that this is considered a Significant Data Gap.
- Thick vegetation and overgrowth was encountered on approximately 20% of the Subject Property during the site reconnaissance. A3E had difficulty in determining some of the property lot lines because of this, and as such was unable to observe the full exterior. However, given the property types (residential buildings and vacant lots) and the absence of any evidence to suggest that a release occurred on site, it is A3E's opinion that this limiting condition will not affect the overall findings and conclusions of this assessment.
- Some of the properties were fenced and/or fully occupied by residents at the time of the site reconnaissance and as such direct access on to that specific parcel was not granted. Given this access limitation, A3E

observed the exterior of these properties from either public right of ways (adjoining streets and alleyways) or from other Subject properties. Based on the residential nature and occupancy of these properties and all other obtained information, it is A3E's opinion that this is not expected to change the overall findings and conclusions of this assessment.

- A3E observed piping (suspect fill port) along the building exterior of Parcel 29-17-114-040-0000 (15337 Myrtle Avenue). The metal piping leads into the concrete foundation and siding. Based on the fact that interior access was not provided into this building or any of the existing buildings on the Subject Property at the time of the site reconnaissance, A3E was unable to confirm or deny the potential presence of any underground or above ground storage tanks. As such, it is A3E's opinion that this is considered a Significant Data Gap.

1.2 Conclusions & Recommendations

A3 Environmental, LLC (A3E) personnel performed this *Phase I Environmental Site Assessment (ESA)* in conformance with the scope and limitations of the ASTM Standard Practice for the Residential Properties located at 15300-15337 Myrtle Avenue in Harvey, Cook County, IL (the 'Subject Property'). Any exceptions to, or deletions from, this assessment are described in Section 2 of this report.

This assessment has revealed the following evidence of known or suspect RECs, HRECs, or CRECs in connection with the Subject Property.

- Historical records identified the south adjoining property, addressed 15347 Myrtle Avenue and 63 East 154th Street, as a gasoline service station and automotive repair facility between 1949 and 1975. The property was equipped with at least three undergrounds storage tanks and a repair center structure. No information pertinent to the status and operation of USTs and their removal/closure was ascertained. In addition, no documentation was available indicating whether any soil or groundwater sampling was performed for the presence of petroleum hydrocarbons. Based on the absence of data confirming the presence of the USTs, the long-term automotive use of the property (20-25 years), or whether a release had occurred, it is possible that petroleum hydrocarbons may have impacted the subsurface and migrated onto the Subject Property given the close proximity. Therefore, it is A3E's opinion that this represents a REC.

Based on the findings of this Phase I ESA, A3E recommends additional investigation or inquiry to evaluate Recognized Environmental Conditions identified in this report.

1.3 Signatures and Environmental Professional Statement

Site Assessor:



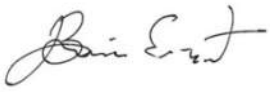
Patrick W. Hook, P.G.
Site Assessor

Senior Reviewer:



Patrick W. Hook, P.G.
Sr. Project Manager

The following personnel contributed to the preparation of this Phase I ESA under the direct charge of the environmental professional(s) signed below:



Brian Englert
Due Diligence Manager

1.4 Environmental Professional Statement/AAI Certification

I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

I declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in section 312.10 of 40 CFR 312, and we have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Subject Property.



Patrick W. Hook, P.G.
Sr. Project Manager

1.5 Critical Dates

Per the ASTM E1527-21 standard, "*an environmental site assessment meeting or exceeding this practice is presumed to be viable when it is conducted within 180 days prior to the date of acquisition of the subject property (or, for transactions not involving an acquisition such as a lease or refinance, the date of the intended transaction). The dates of the components presented in 4.6.2(i), (iii), (iv), and (v) for interviews, review of government records, visual inspections, and declaration by environmental professional,*

shall be identified in the report. Completion of searches for recorded environmental cleanup liens (4.6.2(ii)) is a user responsibility; however, if the user has engaged the environmental professional to conduct these searches, then that date shall also be identified in the report."

Further, in terms of any assessment update provisions, the ASTM E1527-21 states that "*an environmental site assessment meeting or exceeding this practice and for which the information was collected or updated within one*
year prior to the date of acquisition of the subject property (or, for transactions not involving an acquisition such as a lease or refinance, the date of the intended transaction) may be used provided that the following components of the inquiries were updated within 180 days prior to the date of purchase or the date of the intended transaction. All of the following components must be conducted or updated within 180 days prior to the date of acquisition or prior to the date of the transaction: interviews with owners, operators, and occupants, searches for recorded environmental cleanup liens, reviews of federal, tribal, state, and local government records, visual inspections of the subject property and of adjoining properties, and the declaration by the environmental professional responsible for the assessment or update."

Below is an itemized list of critical dates pertinent to the completion of this Phase I ESA.

Item	Date
Date of Legal Documentation provided from the User (i.e. Recorded Environmental Lien and Title Search, AULs, Environmental Cleanup Search) (if applicable)	**N/A**
Date of User Provided Questionnaire (if applicable)	**N/A**
Date of Site Reconnaissance for the Subject Property and Adjoining Properties	**September 1, 2023**
Date of Database Report	**August 14, 2023**
Date of Physical Settings Report	**August 12, 2023**
Date of Aerial Photograph Report	**August 14, 2023**
Date of Topographic Map Report	**August 14, 2023**
Date of Street Directory Report	**August 17, 2023**
Date of Fire Insurance Map Report	**August 12, 2023**
Earliest Date of Interviews, including those with the Key Site Manager, Occupant, Past and Present Property Owners, and local municipalities (i.e. Building Department, Fire Department, and Environmental State Agency)	**August 11, 2023**

Item	Date
Declaration and Review Date of the report (in its entirety) by the Environmental Professional (EP)	**September 13, 2023**
Report Viability Date	**February 11, 2024**

2.0 INTRODUCTION

A3 Environmental, LLC (A3E) was retained by Metropolitan Water Reclamation District of Greater Chicago (MWRD) of 111 E Erie Street, Chicago, IL (Client) to conduct a Phase I ESA of the Residential Properties, located at 15300-15337 Myrtle Avenue, Harvey, Cook County, IL, 60426 (Subject Property). A site reconnaissance and examination of the Subject Property and surrounding properties was conducted on September 1, 2023.

This Phase I Environmental Site Assessment was performed by or under the supervision of an Environmental Professional. An Environmental Professional is defined by AAI as "a person who possess sufficient specific education, training, and experience necessary to exercise professional judgment to develop opinions and conclusions regarding the presences of release or threatened releases to the surface or subsurface of a property." See the Appendix for a copy of A3E's resumes and Environmental Professionals.

2.1 Purpose

The purpose of the Phase I ESA is to identify the presence or likely presence of Recognized Environmental Conditions, as defined by the ASTM International Standard Practice for Environmental Site Assessments – E 1527-21 (ASTM-21) or the existence of hazardous substances under the Federal AAI. The purpose of the Phase I ESA is to permit a user to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) liability (landowner liability protection).

2.2 Definitions

ASTM defines the following related terms utilized throughout the Phase I ESA report.

- *All appropriate Inquiries* – that inquiry constituting all appropriate inquiries into the previous ownership and uses of the property consistent with good commercial and customary practices as defined in CERCLA 42 USC §9601 (35) (B), that will qualify a party to a commercial real estate transaction for CERCLA liability (42 USC §9601 (35) (A) and (B), §9607 (b) (3), §9607 (q), and §9607 (r)), assuming compliance with other elements of the defense.
- *Hazardous substances* – a substance defined as hazardous pursuant to CERCLA 42 USC § 9601 (14), and as interpreted by USEPA regulations and the courts.
- *Petroleum product* – those substances included within the meaning of the petroleum exclusion to CERCLA 42 USC § 9601 (14), as interpreted by the courts and USEPA, that is: petroleum, including crude oil or any fraction thereof which

is not otherwise specifically listed or designated as a hazardous substance under Subparagraphs (A) through (F) of CERCLA 42 USC § 9601 (14), natural gas, natural gas liquids, liquefied natural gas, and synthetic gas useable for fuel (or mixtures of natural gas and such synthetic gas).

- *Recognized Environmental Conditions*- the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. De minimis conditions are not Recognized Environmental Conditions.
- *Historical Recognized Environmental Conditions*– a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, Subject Property use restrictions, activity and use limitations, institutional controls, or engineering controls). Before calling the past release a historical Recognized Environmental Condition, the environmental professional must determine whether the past release is *a Recognized Environmental Condition at* the time the Phase I ESA is conducted (for example, if there has been a change in the regulatory criteria).
- *Controlled Recognized Environmental Conditions*– a Recognized Environmental Condition *resulting* from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, Subject Property use restrictions, activity and use limitations, institutional controls, or engineering controls).
- *De minimis condition* – a condition that generally does not present a threat to human health or the environmental and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be de minimis conditions are not Recognized Environmental Conditions or controlled Recognized Environmental Conditions.

2.3 Scope of Services

The assessment was based on visual assessment of the Subject Property, a review of available land use records, interviews with subject site representatives, review of previous environmental reports and information from environmental agencies. The assessment is designed to provide an objective, independent, professional opinion of the potential environmental risks, if any, associated with the Subject Property.

- Review of standard federal, state, tribal and local record sources, additional record sources, physical setting sources and standard historical sources. Historical sources include fire insurance maps, topographic maps, aerial photographs, city directories, and chain-of-title/environmental lien documents (if provided/available).
- Conduct a site visit of the Subject Property to visually and/or physically observe exterior and interior conditions and physical characteristics. Identify current conditions and operations of the Subject Property and surrounding properties. Visually assess the Subject Property for evidence of RECs, CRECs, or HRECs, including RECs associated with Vapor Encroachment Conditions (VECs).
- Interview past and present owners, operators, and occupants of the Subject Property*;* interview state, and local government officials for the purpose of obtaining information that may indicate Recognized Environmental Conditions in connection with the Subject Property; anyone with available knowledge pertaining to the Subject Property*.*
- Prepare a Phase I ESA report documenting the findings, opinions and conclusions.

Additional non-scope considerations are environmental conditions in connection with the Subject Property were included with this assessment:

- Asbestos - a limited, visual evaluation of accessible areas for the presence of suspect asbestos containing materials (ACMs) at the Subject Property. The objective of this visual survey was to note the presence and condition of suspect ACM observed. The information is for general informational purposes only and does not constitute an asbestos survey.
- Radon - a review of the US EPA prepared a map of radon zones. The map divides the country into three Radon Zones; Zone 1 (Exceed 4.0 pCi/L), Zone 2 (2.0-4.0 pCi/L), and Zone 3 (less than 2.0 pCi/L). The US EPA recommends additional action for radon concentrations above 4.0 pCi/L). The information is for general informational purposes only and does not constitute a radon survey. In addition, the information is not intended to comply with federal, state, or local regulations in regard to radon.

- Wetlands - a review of the online US Fish & Wildlife Service's National Wetlands Inventory (NWI) Wetlands Mapper to determine if wetlands are present/mapped on the Subject Property. The information is for general informational purposes only and does not constitute wetland survey. In addition, the information is not intended to comply with federal, state, or local regulations in regard to wetlands.
- Flood Zone - a review of the The Federal Emergency Management Agency (FEMA) published Flood Insurance Rate Maps (FIRMS) that identify the Flood Zone for a property. The information is for general informational purposes only and does not constitute a flood zone survey. In addition, the information is not intended to comply with federal, state, or local regulations in regard to flood zones.
- Lead-based Paint - a limited, visual evaluation of accessible areas for the presence of suspect Lead Based Paint (LBP). Lead was commonly used as a paint additive prior to 1972. In 1978, the use of LPB was banned completely for consumer products, although such products may still be used for industrial/ military applications. The information is for general informational purposes only and does not constitute a LBP survey. In addition, the information is not intended to comply with federal, state, or local regulations in regard to LBP.
- Lead in Drinking Water - a review of the most recent available Consumer Confidence Reports to determine if lead in drinking water is a concern for the Subject Property. The information is for general informational purposes only and does not constitute an analysis of lead in drinking water. In addition, the information is not intended to comply with federal, state, or local regulations in regard to lead in drinking water.

2.4 Deletions

No deletions from the proposed scope of work were noted during preparation of this report.

2.5 Assumptions

The following assumptions are made by A3E in this report. A3E relied on information derived from secondary sources including governmental agencies, the client, designated representatives of the client, property contact, property owner, property owner representatives, computer databases, and personal interviews. A3E has reviewed and evaluated the thoroughness and reliability of the information derived from secondary sources including government agencies, the client, designated representatives of the client, property contact, property owner, property owner representatives, computer databases, or personal interviews. It appears that all information obtained from outside sources and reviewed for this assessment is thorough and reliable. However, A3E cannot guarantee the thoroughness or reliability of this information.

Groundwater flow, unless otherwise specified by on-site well data or well data from the Subject Property or nearby sites, is inferred from contour information depicted on the USGS topographic maps. A3E assumes the Subject Property has been correctly and accurately identified by the client, designated representative of the client, property contact, property owner, and property owner's representatives.

2.6 Project-Specific Limitations

Performance of this assessment is intended to reduce, but not eliminate, uncertainty regarding the potential for RECs in connection with the Subject Property. This assessment was prepared in a manner consistent with generally accepted industry practices and standards. All information is true and correct to the best of A3E's knowledge and reflects our best professional opinion and judgment.

In performing this Phase I ESA, the following limitations exist:

- A Phase I ESA does not include the testing or sampling of the surface and subsurface soil, water, groundwater, air, or building materials located on the Subject Property.
- A Phase I ESA is not intended to address environmental issues that are considered beyond the scope of a Phase I ESA, (*e.g.,* asbestos-containing materials, radon, lead-based paint, wetland investigations) unless specifically requested by the *user* and included in Section 7.0.
- A Phase I ESA does not address whether requirements in addition to *all appropriate inquiries* have been met in order to qualify for the *landowner liability protections.* For example, a Phase I ESA does not address the duty to take reasonable steps to prevent releases, or the duty to comply with legally required release-reporting obligations. Additional requirements necessary to qualify for *landowner liability protections* are specified in USC § 9607(b)(3)(a) and (b) and cited in Appendix XI of ASTM E1527-21.
- This report contains information and opinions that are limited to the date the report was issued. No additional site reconnaissance activities, data review or other investigation of the Subject Property have been performed by A3E since the date of this report. A3E makes no representation with respect to, nor expresses any opinion about, the Subject Property after the date of the report. A3E does not assume any obligation to update this report for any purpose whatsoever.
- Performance of this Phase I ESA is intended to reduce, but not eliminate, uncertainty of environmental conditions associated with the Subject Property. A3E is unable to represent that the Subject Property or adjoining properties contain no hazardous waste, petroleum products, or other conditions beyond that detected or observed by A3E during Phase I ESA activities. The possibility for

contaminants to migrate through surface and subsurface soil, water, groundwater or air always exists. The scope of this ESA cannot completely address the environmental risks associated with migration in these media.

- The ASTM standard and AAI do not impose on the environmental professional the responsibility to undertake a review of recorded land title records and judicial records for environmental liens and activity and use limitations unless specifically included as an additional scope of work item in the proposal and acceptance agreement.
- Site reconnaissance activities were performed with the intention to review areas that may present potential environmental conditions. A3E cannot assert that all areas of the Subject Property presenting these conditions were reviewed during on-site activities.

2.7 Limiting Conditions/Deviations and Exceptions

- A3E was unable to gain interior access to any of the existing buildings on site due to occupied residences inhibiting site observations and the identification of any suspect piping, above ground storage tanks, oil staining, and storage of any hazardous materials or chemicals. Based on limited observations and obtained information, it is A3E's opinion that this is considered a Significant Data Gap.
- Thick vegetation and overgrowth was encountered on approximately 20% of the Subject Property during the site reconnaissance. A3E had difficulty in determining some of the property lot lines because of this, and as such was unable to observe the full exterior. However, given the property types (residential buildings and vacant lots) and the absence of any evidence to suggest that a release occurred on site, it is A3E's opinion that this limiting condition will not affect the overall findings and conclusions of this assessment.
- Some of the properties were fenced and/or fully occupied by residents at the time of the site reconnaissance and as such direct access on to that specific parcel was not granted. Given this access limitation, A3E observed the exterior of these properties from either public right of ways (adjoining streets and alleyways) or from other Subject properties. Based on the residential nature and occupancy of these properties and all other obtained information, it is A3E's opinion that this is not expected to change the overall findings and conclusions of this assessment.
- A3E observed piping (suspect fill port) along the building exterior of Parcel 29-17-114-040-0000 (15337 Myrtle Avenue). The metal piping leads into the concrete foundation and siding. Based on the fact that interior access was not provided into this building or any of the existing buildings on the Subject Property at the time of the site reconnaissance, A3E was unable to confirm or deny the potential presence of any underground or above ground storage tanks. As such, it is A3E's opinion that this is considered a Significant Data Gap.

2.8 Special Terms and Conditions

This Phase I ESA was completed in accordance with the acceptance agreement authorized by Metropolitan Water Reclamation District of Greater Chicago (MWRD) and subject to the noted terms, conditions, and limitations.

Per ASTM E1527-21, “Unless added by a change in the scope of work to be performed by the environmental professional, this practice does not impose on the environmental professional the responsibility to undertake a review of recorded land title records and judicial records for environmental liens and AULs. The user should either (1) engage a title company, real estate attorney, or title professional to undertake a review of reasonably ascertainable recorded land title records and lien records for environmental liens and AULs currently recorded against or relating to the property, or (2) negotiate such an engagement of a title company, real estate attorney, or title professional as an addition to the scope of work to be performed by the environmental professional.”

2.9 User Reliance

This assessment and report was prepared on behalf and for the exclusive use of Metropolitan Water Reclamation District of Greater Chicago (MWRD) (*user*), and its agents, and attorneys. The report and its findings shall not, in whole or in part, be disseminated or conveyed to another party, nor used by another party in whole or in part, without prior written consent by A3 Environmental, LLC, except as permitted by the ASTM standard.

Third parties may come into possession of this report either partially or in full. In the absence of a written agreement from A3E granting reliance, no third parties shall have rights of recourse or recovery whatsoever under any course of action against A3E, its officers, employees, vendors, successors or assigns. Any such unauthorized user shall be responsible to protect, indemnify, and hold A3E, Client, and their respective officers, employees, vendors, successors, and assigns harmless from any and all claims, damages, losses, liabilities, expenses, and costs attributable to such use. Unauthorized use of this report shall constitute acceptance of and commitment to these responsibilities, which shall be irrevocable and shall apply regardless of the cause of action or legal theory pled or asserted. Additional legal penalties may apply.

3.0 USER PROVIDED INFORMATION

User provided information is intended to help identify the possibility of RECs in connection with the Subject Property. According to ASTM E1527-21 and the EPA Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), certain items should be researched by the *user,* and the results of such inquiries be provided to the Environmental Professional. The responsibility for qualifying for CERCLA limited liability protection (LLP) by conducting the inquiries ultimately rests with the *user*, and providing the information to the Environmental Professional. When not provided, the missing information must be considered as a possible data gap. Information required to be provided by the *user* includes:

- Research into the existence of environmental cleanup liens and Activity and Use Limitations
- Any specialized knowledge or experience of the "user"
- Commonly known or reasonably ascertainable information about the property
- Relationship of the purchase price to fair market value, and
- The degree of obviousness of the presence or likely presence of contamination.

The *user*, as defined by ASTM E1527-21, is ‘”the party seeking to use Practice E1527-21 to complete an environmental site assessment of the Subject Property. A *user* may include, without limitation, a potential purchaser of *property*, a potential tenant of *property*, an owner of *property*, a lender, or a *property* manager.

Metropolitan Water Reclamation District of Greater Chicago (MWRD)/ Mr. Mark Leibrock are identified as the *user* of this ESA.

Mr. Mark Leibrock, Engineer of Site Remediation of MWRD, completed the User Questionnaire to assist A3E with identifying the presence of Recognized Environmental Conditions in connection with the Subject Property. A copy of the completed questionnaire and other documents provided by the User are included in the Appendix and summarized below. The property questionnaire was completed and singed October 3, 2023.

3.1 Information/Documents Provided By The User

Document	Not Provided	No Knowledge	Knowledge Provided
Environmental Liens or AULs		✔	
Specialized Knowledge		✔	
Valuation Reduction for Environmental Issues		✔	

Document	Not Provided	No Knowledge	Knowledge Provided
Commonly known or reasonably ascertainable information			✔
Obvious Indicators of Releases		✔	
Title Records		✔	
Previous Reports			✔

3.2 Commonly Known or Reasonably Ascertainable Information

Information about the Subject Property that is generally known to the public within the community where the Subject Property is located and can be easily sought and found from individuals familiar with the Subject Property or from easily attainable public sources of information is considered commonly known or reasonably ascertainable information. This type of information includes the past uses of the Subject Property or surrounding properties, knowledge of chemicals historically or currently used, knowledge of spills or releases, and knowledge of environmental cleanups at either the Subject Property or surrounding properties.

Mr. Leibrock indicated on the property questionnaire that the past uses of the property consisted of residential homes. No other information was provided.

3.3 Previous Reports and Other Provided Documentation

A3E requested additional documents (if available) from Metropolitan Water Reclamation District of Greater Chicago (MWRD) that may help to identify Recognized Environmental Conditions in connection with the Subject Property.

A3E was provided with a copy of a Subject Property boundary map from the user of this assessment. The map, labeled "Harvey Phase I Area" outlines the property boundaries in blue. No other additional information was provided. A copy of this map is included in the Appendix of this report for reference.

4.0 SITE RECONNAISSANCE

A3E personnel conducted a site inspection of the Subject Property. Photographs of the Subject Property and surrounding properties are included in the Site Photographs Appendix.

Site Reconnaissance Information	
Site Reconnaissance Date	September 1, 2023
Site Assessor(s)	Patrick W. Hook, P.G.
Escort/Relationship to Subject Property	Adam Kittler, Project Manager
Weather	Clear and 80 F

4.1 Methodologies and Limiting Conditions

The site inspection included visual observation of the Subject Property, Subject Property boundaries, and adjoining properties to document and/or identify evidence of Recognized Environmental Conditions.

Adjoining properties were viewed from locations on the Subject Property or public right-of-ways.

- A3E was unable to gain interior access to any of the existing buildings on site due to occupied residences inhibiting site observations and the identification of any suspect piping, above ground storage tanks, oil staining, and storage of any hazardous materials or chemicals. Based on limited observations and obtained information, it is A3E's opinion that this is considered a Significant Data Gap.
- Thick vegetation and overgrowth was encountered on approximately 20% of the Subject Property during the site reconnaissance. A3E had difficulty in determining some of the property lot lines because of this, and as such was unable to observe the full exterior. However, given the property types (residential buildings and vacant lots) and the absence of any evidence to suggest that a release occurred on site, it is A3E's opinion that this limiting condition will not affect the overall findings and conclusions of this assessment.
- Some of the properties were fenced and/or fully occupied by residents at the time of the site reconnaissance and as such direct access on to that specific parcel was not granted. Given this access limitation, A3E observed the exterior of these properties from either public right of ways (adjoining streets and alleyways) or from other Subject properties. Based on the residential nature and occupancy of these properties and all other obtained information, it is A3E's opinion that this is not expected to change the overall findings and conclusions of this assessment.

- A3E observed piping (suspect fill port) along the building exterior of Parcel 29-17-114-040-0000 (15337 Myrtle Avenue). The metal piping leads into the concrete foundation and siding. Based on the fact that interior access was not provided into this building or any of the existing buildings on the Subject Property at the time of the site reconnaissance, A3E was unable to confirm or deny the potential presence of any underground or above ground storage tanks. As such, it is A3E's opinion that this is considered a Significant Data Gap.

4.2 Subject Property Location & Details

The Subject Property has the address of 15300-15337 Myrtle Avenue, Harvey, IL. The Subject Property is located in a residential area on the west side of Harvey.

The Subject Property's location is depicted on Figure 1. The land use of the Subject Property and land use of the adjoining properties is depicted on Figure 2. The Subject Property layout and details are depicted on Figure 3.

Site Specific Information	
Legal Description/Source	No legal description was provided by the Tax Assessor.
Landowner/Source	Multiple ownerships per Cook County County Tax Assessor.
Parcel Index Number (PINs)	29171130210000, 29171130220000, 29171130230000, 29171130240000, 29171130250000, 29171130260000, 29171130270000, 29171130280000, 29171130290000, 29171130300000, 29171130310000, 29171130320000, 29171130330000, 29171130340000, 29171130350000, 29171140010000, 29171140020000, 29171140030000, 29171140040000, 29171140050000, 29171140060000, 29171140070000, 29171140080000, 29171140090000, 29171140100000, 29171140110000, 29171140120000, 29171140130000, 29171140390000, 29171140400000, 29171140160000
Zoning/Land Use	Zoning/land use records were not ascertained.
Utility Information	
Water Utility	Municipal
Sewer Utility	Municipal
Heating and Cooling and/or Emergency Power	Heating and cooling are provided to the existing buildings on site via natural gas and electric. Heating and cooling are not provided to the vacant lots.

4.3 Building Information

During the site investigation, A3E only observed the exterior features of the Subject Property for environmental conditions (past or present) that may be indicative of Recognized Environmental Conditions. If a condition was observed, a detailed explanation of the condition and possible impact to the Subject Property is discussed. The following table summarizes the findings from the site visit.

4.4 Interior and Exterior Observations

Not Observed	Interior	Exterior	Environmental Condition	Finding
✔			Hazardous substances and petroleum products	
		✔	Storage Tanks	✔
✔			Odors	
✔			Pools of Liquid	
✔			Drums	
✔			Polychlorinated biphenyls (PCBs)	
✔			Pits, ponds, or lagoons	
✔			Stained soil or pavement	
✔			Stressed vegetation	
		✔	Solid Waste Disposal/Evidence of Fill Materials	✔
✔			Wastewater	
✔			Storm Water	
✔			Wells	
✔			Septic Systems	
✔			Drains or Sumps	
✔			Generators	
✔			Other Environmental Conditions	

4.4.1 Storage Tanks

A3E observed a suspect fill port along the building exterior of Parcel 29-17-114-040-0000 (15337 Myrtle Avenue). The metal piping leads into the concrete foundation and siding. This is considered a Finding. Refer to Section 8.0 for further discussion.

4.4.2 Solid Waste Disposal/Evidence of Fill Materials

Several waste and recycling bins and various debris (including wooden pallets, plastic and metal materials, and plastic buckets) were identified throughout the exterior of the Subject Property and along the alleyways. This is considered a Finding. Refer to Section 8.0.

A solid waste dumpster is present on the exterior of Parcel number 29-17-113-035-000. Waste Management is responsible for emptying and proper disposal of the solid waste at a licensed landfill. No staining or issues were noted with the dumpster. This is considered a Finding. Refer to Section 8.0.

4.5 Current Use of Adjoining Properties

During the site reconnaissance, A3E observed the following occupants/land use of the adjoining properties.

Direction	Occupant(s)	Identified Use
North	Ascension School and Residents	Commercial/Residential
East	Residents and True Holiness Church of God in Christ	Residential/Commercial
South	CEDA WIC Harvey and Resident	Commercial/Residential
West	Residents	Residential

4.6 Adjoining Property Reconnaissance

The ASTM Standard Practice defines adjoining properties as "any real property or properties, the border of which is contiguous or partially contiguous with that of the property, or that would be contiguous or partially contiguous with that of the property but for a street, road, or other public thoroughfare separating them."

Not Observed	Observed	Environmental Condition	Finding
✔		Hazardous Substances and Petroleum Products	
✔		Storage Tanks	
✔		Odors	
✔		Pools of Liquid	
✔		Drums	
✔		Polychlorinated biphenyls (PCBs)	
✔		Pits, Ponds, or Lagoons	
✔		Stained Soil or Pavement	
✔		Stressed Vegetation	
✔		Solid Waste Disposal/Evidence of Fill Materials	
✔		Wastewater	
✔		Storm Water	
✔		Wells	
✔		Septic Systems	
✔		Other Environmental Conditions	

Adjoining Property Summary

No visual evidence of environmentally sensitive conditions or operations were observed on the adjoining properties during the site reconnaissance.

4.7 Current Use of the Surrounding Properties

During the site reconnaissance, A3E observed the following land uses of the surrounding properties.

Direction	Identified Use	Finding
North	Residential	
East	Residential	
South	Residential	
West	Residential	

4.7.1 Surrounding Property Summary

A3E's observations of the surrounding properties did not identify any environmental concerns to the Subject Property.

5.0 RECORDS REVIEW

The records review was performed to obtain and review reasonably ascertainable government records from standard sources to assist in identifying recognized environmental concerns in connection with the Subject Property.

5.1 Physical Setting Source

A3E evaluated the general physical setting of the Subject Property and vicinity using Information regarding the topography, surface water, geology, and hydrology to evaluate the likelihood of hazardous substances or petroleum products originating from on the Subject Property or from off-site sources to potential receptors. The information was obtained from readily accessible sources and the ERIS Physical Setting Report (PSR). Actual conditions may vary from general conditions in the area.

In accordance with Section 8.2.4 of the ASTM Standard Practice, A3E also reviewed a current *USGS 7.5 Minute Topographic Map* (or equivalent) showing the area on which the Subject Property is located.

Topography	
Current Topographic Map	Blue Island, IL; Calumet City, IL; Harvey, IL; Lake Calumet, IL, 2015
Property Elevation (MSL)	604.03 ft
Configuration	Relatively flat
General Slope	Northeast towards the Little Calumet River
Soils	
Soil Classification	According to the Soils Map, derived from the USDA's Natural Resources Conservation Services' SSURGO (Soil Survey Geographic Database), the soils underlying the Subject Property are comprised of Milford-Martinton complex soils. Milford-Martinton complex soils are classified into Hydrologic Group C/ D. These soils have moderately high runoff potential when drained and high runoff potential when undrained.
Geology	
Formation & Bedrock	The geology beneath the Subject Property is identified as Silurian-aged dolostone and limestone.
Hydrology	
Surface Waters On-Site	No surface waters were identified on the Subject Property.
Nearest Surface Water	The nearest surface water is the Little Calumet River located approximately 1.5 miles northeast of the Subject Property (down-gradient).

Estimated Depth to Groundwater	According to ERIS's Physical Setting Report map, and/or the USGS National Water Dashboard Website, groundwater in the vicinity of the Subject Property is anticipated to be encountered at a depth of approximately 10-15 feet below ground surface.
Gradient	According to the USEPA *Groundwater Handbook, Vol. 1 Groundwater and Contamination*, *September 1990*, the water table typically conforms to surface topography. This means that the direction of flow for shallow groundwater is generally from higher elevations to lower elevations. Localized flow direction, however, may vary as a result of rainfall, development, geologic characteristics, nearby surface water bodies, underground utilities such as storm drains, septic systems and sewers, or other influences such as the presence of high volume wells. A3E did not perform a hydraulic study at the Subject Property; therefore the hydraulic gradient direction is presumed based on the above factors. Presumed Hydraulic Gradient Direction: Northeast (per Topographic Maps)
Mineral Exploration & Production	
Oil & Gas Wells	No oil or gas wells were observed at the Subject Property. No wells were depicted on the USGS Topographic Map. According to the ERIS Physical Setting Report, no oil or gas wells are on the Subject Property or nearby properties.
Pipelines	No petroleum pipelines were observed on or adjoining the Subject Property during the site reconnaissance. No pipelines were depicted on the USGS Topographic Map. According to the National Pipeline Mapping System, no pipelines are located on the Subject Property.
Mining	No mining activities were observed on or adjoining the Subject Property. No mining activities were depicted on the USGS Topographic Map.

5.2 Standard Environmental Records Review

A3E contracted Environmental Risk Information Services (ERIS) to conduct a search of publicly available information from federal, state, tribal, and local databases containing known and suspected sites of environmental contamination and sites of potential environmental significance. Location information for listed sites is designated using geocoded information provided by federal, state, or local agencies and commonly used mapping databases with the exception of "Unmapped" sites. Poor or inadequate address information, prohibits the ability of the site to be geocoded/mapped by ERIS, thus, information is provided based upon vicinity zip codes, city name, and state.

A3E cannot warrant the accuracy of the information but has made reasonable efforts to identify mistakes or errors in the information reviewed. A3E reviewed the data to identify sites that store, use, generate or dispose of hazardous substances and/or petroleum products. A3E also reviewed the data to identify sites that have had a release of

hazardous substances and/or petroleum products and evaluated the potential of contaminant migration on the Subject Property or from offsite sources onto the Subject Property via soil, groundwater or vapor pathways.

A copy of the regulatory database report is included in the Appendix.

In accordance with the ASTM Standard, if the Subject Property or any of the adjoining properties is identified on one or more of the standard environmental record sources, a regulatory file and records review should be conducted, unless it is the environmental professional's opinion that such a review is not warranted. Copies of any pertinent documents reviewed are included in the Appendix.

5.2.1 Federal & State Standard Database Review

Regulatory Report Summary

Database	Search Radius	Target Property	Within 0.12mi	0.12mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
AST	0.25	0	0	0	-	-	0
AUL	0.5	0	0	0	0	-	0
BROWN MBRGP	0.5	0	0	1	0	-	1
BROWNFIELDS	0.5	0	0	0	0	-	0
BULK TERMINAL	0.25	0	0	0	-	-	0
CCDD	0.5	0	0	0	0	-	0
CERCLIS	0.5	0	0	0	0	-	0
CERCLIS LIENS	0.02	0	-	-	-	-	0
CERCLIS NFRAP	0.5	0	0	0	0	-	0
DELETED NPL	0.5	0	0	0	0	-	0
DELISTED FRP	0.25	0	0	0	-	-	0
DELISTED LUST	0.5	0	0	0	0	-	0
DELISTED SSU	1.0	0	0	0	0	0	0
DELISTED TANK	0.25	0	0	0	-	-	0
DOE FUSRAP	1.0	0	0	0	0	0	0
ENG	0.5	0	0	0	0	-	0
ERNS	0.02	0	-	-	-	-	0
ERNS 1982 TO 1986	0.02	0	-	-	-	-	0
ERNS 1987 TO 1989	0.02	0	-	-	-	-	0
FED BROWNFIELDS	0.5	0	0	0	0	-	0
FED ENG	0.5	0	0	0	0	-	0
FED INST	0.5	0	0	0	0	-	0
FEMA UST	0.25	0	0	0	-	-	0

Database	Search Radius	Target Property	Within 0.12mi	0.12mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
FRP	0.25	0	0	0	-	-	0
HIST GAS STATIONS	0.25	0	0	0	-	-	0
INST	0.5	0	0	0	0	-	0
IODI	0.5	0	0	0	0	-	0
LUCIS	0.5	0	0	0	0	-	0
LUST	0.5	0	0	1	17	-	18
LUST DOCUMENT	0.5	0	0	1	10	-	11
LUST TRUST	0.5	0	0	0	0	-	0
NIPC	0.5	0	0	0	0	-	0
NPL	1.0	0	0	0	0	0	0
NPL IC	0.5	0	0	0	0	-	0
ODI	0.5	0	0	0	0	-	0
PROPOSED NPL	1.0	0	0	0	0	0	0
RCRA CONTROLS	0.5	0	0	0	0	-	0
RCRA CORRACTS	1.0	0	0	0	0	1	1
RCRA LQG	0.25	0	0	0	-	-	0
RCRA NON GEN	0.25	0	0	1	-	-	1
RCRA SQG	0.25	0	0	0	-	-	0
RCRA TSD	0.5	0	0	0	0	-	0
RCRA VSQG	0.25	0	0	0	-	-	0
REFN	0.25	0	0	0	-	-	0
REM ASSESS	0.5	0	0	1	0	-	1
SEMS	0.5	0	0	0	0	-	0
SEMS ARCHIVE	0.5	0	0	0	0	-	0
SEMS LIEN	0.02	0	-	-	-	-	0
SRP	0.5	0	0	1	0	-	1
SSU	1.0	0	0	0	0	1	1
SUPERFUND ROD	1.0	0	0	0	0	0	0
SWF/LF	0.5	0	0	0	0	-	0
SWF/LF SPECIAL	0.5	0	0	0	0	-	0
UST	0.25	0	0	1	-	-	1

5.2.2 Regional Contamination Summary

No regional contamination has been identified within the target search area.

5.2.3 Subject Property Discussion and File Review

Subject Property Summary

Database	Site Name	Address	Dist. (mi) / Dir.	Elev. diff. (ft)	Comments
FINDS/FRS	15333 MYRTLE	15333 MYRTLE, HARVEY, IL, 60515	0.00/SE	0.0	Not a REC

The Subject Property, identified as 15333 Myrtle Avenue, is listed on the FINDS/FRS database and is discussed further below:

- The property is listed on the FINDS/FRS database for its general permitting and stationary facility status. Based on the absence of any reported release and the absence of any listed violations, it is A3E's opinion that this is not considered a REC.

A3E submitted a records request September 12, 2023 via electronic portal to the Illinois Office of the State Fire Marshall (OSFM) in efforts to obtain any underground storage tank documentation for the Subject Property. A response letter was issued to A3E September 14, 2023 that states the following: "We have carefully searched our office records in response to your request. Unfortunately, the OSFM does not have any records that are responsive to your specific request." A copy of this letter is included in the Appendix of this report for reference.

An additional records request was submitted on October 16, 2023 to the OSFM for the property range of 15300-15337 Myrtle Avenue Harvey IL in efforts to obtain any potential underground heating or fuel oil tank information. Information or responses have yet to be obtained. However, based on the absence of any report release and the absence of any UST or AST regulatory database listings for the Subject Property, it is A3E's opinion that this is not considered a REC.

5.2.4 Adjoining Properties Discussion and File Review

Surrounding Properties Summary

Database	Site Name	Address	Dist. (mi) / Dir.	Elev. diff. (ft)	Comments
AIR PERMITS	Whittier School-Dist 152	71 E 152nd St, Harvey, IL, 60426	0.13/NNE	-1.0	Not a REC

Database	Site Name	Address	Dist. (mi) / Dir.	Elev. diff. (ft)	Comments
UST	City of Harvey	15334 S. Ashland AVe. Harvey, IL 60428, , IL,	0.14/W	0.0	Not a REC
LUST	Harvey, City of	7 W 154th St., Harvey, IL, 60426	0.14/WSW	0.0	Not a REC
RCRA NON GEN	MODERN WAY DRY CLEANERS	6 W 154TH ST, HARVEY, IL, 60426	0.15/WSW	0.0	Not a REC
BROWN MBRGP	154th & Ashland	15434 Ashland, Harvey, IL,	0.17/SW	1.0	Not a REC
SRP	Harvey, City of	15434 South Ashland Avenue, Harvey, IL, 60426	0.17/SW	1.0	Not a REC
LUST DOCUMENT	Harvey, City of	15434 S Ashland, Harvey, IL, 60426	0.17/SW	1.0	Not a REC
REM ASSESS	Harvey, City of	15434 S Ashland, Harvey, IL, 60426	0.17/SW	1.0	Not a REC
LUST	Harvey, City of	15440 Center Street, Harvey, IL, 60426	0.32/ESE	-2.0	Not a REC
LUST	Harvey, City of Public Works Department	15440 Center Street, Harvey, IL, 60426	0.32/ESE	-2.0	Not a REC
LUST	Illinois Bell Telephone	15321 Center, Harvey, IL, 60426	0.32/E	0.0	Not a REC
LUST DOCUMENT	Il Bell	15321 Center, Harvey, IL, 60426	0.32/E	0.0	Not a REC

Database	Site Name	Address	Dist. (mi) / Dir.	Elev. diff. (ft)	Comments
LUST DOCUMENT	USPS Harvey	15441 Center Ave, Harvey, IL, 60426	0.34/ESE	-2.0	Not a REC
LUST	Harvey, City of	194 East 154th Street, Harvey, IL, 60426	0.36/E	-2.0	Not a REC
LUST DOCUMENT	Harvey, City of	194 E 154th St, Harvey, IL, 60426	0.36/E	-2.0	Not a REC
LUST DOCUMENT	Pace - 170000456389	209 E 154th St, Harvey, IL, 60421	0.39/E	-2.0	Not a REC
LUST	Harvey, City of	15321 Broadway, Harvey, IL, 60426	0.40/E	0.0	Not a REC
LUST DOCUMENT	Harvey City Of	15321 Broadway, Harvey, IL, 60426	0.40/E	0.0	Not a REC
LUST DOCUMENT	CSX Transportation Inc	Park Ave Mm 125.5, Harvey, IL, 60426	0.40/E	-2.0	Not a REC
LUST	Pace Suburban Bus Division	15320-28 Main St., Harvey, IL, 60426	0.47/E	1.0	Not a REC
LUST	Pace Suburban Bus	15320-15328 Main St., Harvey, IL, 60426	0.47/E	1.0	Not a REC
LUST DOCUMENT	Pace Saburban Bus Div	15320-28 Main St, Harvey, IL, 60624	0.47/E	1.0	Not a REC
LUST	Harvey Millwork Co.	15214 Main St., Harvey, IL, 60426	0.47/E	3.0	Not a REC
LUST DOCUMENT	Harvey Millwork Co	15214 Main St, Harvey, IL, 60426	0.47/E	3.0	Not a REC

Database	Site Name	Address	Dist. (mi) / Dir.	Elev. diff. (ft)	Comments
LUST	Harris Hub Co.	15600 South Commercial Ave., Harvey, IL, 60426	0.48/ESE	1.0	Not a REC
LUST	Harris Hub Co.	15600 Commercial Ave., Harvey, IL, 60426	0.48/ESE	1.0	Not a REC
LUST	Harris Hub Co.	15600 Commercial Ave., Harvey, IL, 60426	0.48/ESE	1.0	Not a REC
LUST	Harvey, City of	15600 Center Ave., Harvey, IL, 60426	0.48/ESE	1.0	Not a REC
LUST DOCUMENT	Harvey Processing Inc	15600 SCommercial, Harvey, IL, 60426	0.48/ESE	1.0	Not a REC
LUST DOCUMENT	Harvey, City Of - 170000456664	15600 Center Ave, Harvey, IL, 60426	0.48/ESE	1.0	Not a REC
LUST	Harvey, City of	15001 South Page Ave., Harvey, IL, 60426	0.49/NW	0.0	Not a REC
LUST	Harvey, City of	15001 South Page, Harvey, IL, 60426	0.49/NW	0.0	Not a REC
LUST	Grand Trunk Western Railroad Co.	15401 South Commercial, Harvey, IL, 60426	0.50/ESE	-2.0	Not a REC
LUST	Grand Trunk Western Railroad Co.	15401 South Commercial Ave., Harvey, IL, 60426	0.50/ESE	-2.0	Not a REC
LUST	Grand Trunk Western Railroad Co.	15401 South Commercial Ave., Harvey, IL, 60426	0.50/ESE	-2.0	Not a REC

Database	Site Name	Address	Dist. (mi) / Dir.	Elev. diff. (ft)	Comments
RCRA CORRACTS	LB STEEL	15700 S LATHROP AVE, HARVEY, IL, 60426	0.60/ESE	0.0	Not a REC
SSU	Allied Tube & Conduit Corporation, Inc.	16001 South Center Street, Harvey, IL, 60426	0.90/SSE	6.0	Not a REC

In determining if a listed site is a potential environmental concern to the Subject Property, A3E generally applies the following criteria to classify the site as a lower potential environmental concern:

- The site only holds an operating permit (which does not imply a release)
- The database is a cross-reference database and does not contain information that would identify or have knowledge of a release.
- The site has recently been granted "No Further Action" by the appropriate regulatory agency.
- The site's distance from the Subject Property,
- The site's topographic position, with respect to presumed groundwater flow relative to the Subject Property (i.e. cross-gradient or down-gradient). A3E assumes the direction of groundwater flow is consistent with topographic contours depicted on the most current USGS Topographic Map depicting the Subject Property and surrounding area. Accurate groundwater flow may be determined from actual well data or from A3E's experience and knowledge of the area.
    - That anticipated groundwater flow direction: Northeast (per Topographic Maps)

Any and all databases considered by the environmental professional to be *"environmentally sensitive"* or a potential environmental concern are fully discussed below. File reviews were completed as necessary and required by Section 8.2.3 in ASTM 1527-21.

North Adjoining Discussion and File Review

The north adjoining property is not listed in any of the available regulatory databases.

East Adjoining Discussion and File Review

The east adjoining property is not listed in any of the available regulatory databases.

South Adjoining Discussion and File Review

The south adjoining property is not listed in any of the available regulatory databases.

West Adjoining Discussion and File Review

The west adjoining property is not listed in any of the available regulatory databases.

5.2.5 Surrounding Properties Discussion and File Review

A3E reviewed and analyzed the available regulatory databases for the surrounding properties. As with the adjoining properties discussed in the previous section, A3E generally applies the following criteria to classify the site as a lower potential environmental concern:

- The site only holds an operating permit (which does not imply a release)
- The database is a cross-reference database and does not contain information that would identify or have knowledge of a release.
- The site has recently been granted "No Further Action" by the appropriate regulatory agency.
- The site's distance from the Subject Property,
- The site's topographic position, with respect to presumed groundwater flow relative to the Subject Property (i.e. cross-gradient or down-gradient). A3E assumes the direction of groundwater flow is consistent with topographic contours depicted on the most current USGS Topographic Map depicting the Subject Property and surrounding area. Accurate groundwater flow may be determined from actual well data or from A3E's experience and knowledge of the area.
    - That anticipated groundwater flow direction: Northeast (per Topographic Maps)

Any and all databases considered by the environmental professional to be *"environmentally sensitive"* or a potential environmental concern are fully discussed below.

Several surrounding properties were identified on various regulatory databases. However, based on the listed criteria, it is A3E's opinion that these properties are not considered a REC.

5.2.6 Unmapped Site Summary

Unmapped Sites are properties for which a geographic location cannot be pinpointed because of insufficient information on the address.

No Unmapped sites were identified in the database search.

5.3 Historical Review

The objective of consulting historical sources is to develop a history of the previous uses of the Subject Property, adjoining properties and surrounding area, in order to help identify the likelihood of past uses having led to Recognized Environmental Conditions in connection with the Subject Property.

Per the ASTM, Standard historical sources include aerial photographs, fire insurance maps, property tax files, recorded land title records, USGS topographic maps, local street directories building department records, zoning/land use records and other historical sources.

A3E performed a review of reasonably ascertainable standard historical sources back to the Subject Property's first developed use, or back to 1940, whichever is earlier. Per the ASTM Standard Practice, an attempt was made to review the standard historical sources at a minimum of five year intervals. The historical sources reviewed by A3E are provided by a third party, Google Earth, and/or other reasonably ascertainable sources. Copies of available historical sources are included in the Appendix.

The table below summarizes the historical resources that were available for review.

Year	Aerial Photographs	Topographic Maps	Fire Insurance Maps	City Directories
Not Reviewed				
No Coverage Available				
<1940	✔	✔	✔	
1945		✔		

Year	Aerial Photographs	Topographic Maps	Fire Insurance Maps	City Directories
1950			✔	
1955	✔	✔	✔	
1960			✔	✔
1965	✔	✔	✔	✔
1970			✔	✔
1975	✔	✔	✔	✔
1980				✔
1985	✔			✔
1990	✔			
1995		✔		✔
2000	✔	✔		✔
2005				✔
2010	✔			✔
2015	✔	✔		✔
2020	✔	✔		✔

5.3.1 Subject Property

Historical Source	Description	Finding
Aerials	The Subject Property is developed with several similar sized structures between 1938 and 2022. Over the years, select parcels were either redeveloped with new structures and/or existing structures were razed and left as vacant lots.	
Topo Maps	No features are depicted on the 1892-1893 maps. Between 1901 and 1943, several structures are depicted on the Subject Property and shaded in black indicating that the property is developed. No features are depicted between 1953-2021.	
FIMS	The Subject Property was developed with several similar sized residential flats and dwellings including detached garages between 1911 and 1975.	

Historical Source	Description	Finding
City Directories	**15300-15337 Myrtle Avenue:** No listings associated with the Subject Property were identified prior to 1957. Beginning in 1957 through 2022 the Subject Property has been occupied by several different residents and multi-tenant residential apartments. **15338 Myrtle Avenue (historical address per the available FIMS):** No listings associated with the Subject Property were identified prior to 1957. Beginning in 1957 through 2008 the Subject Property has been occupied by several different residents and multi-tenant residential apartments. **15339 Myrtle Avenue (historical address per the available FIMS):** No listings associated with the Subject Property were identified in the available city directories.	

5.3.2 Adjoining Properties

Per Phase I ESA ASTM, an adjoining property is defined as 'any real property or properties the border of which is contiguous or partially contiguous with that of the property, or that would be contiguous or partially contiguous with that of the property but for a street, road or other public-thorough fare separating them."

The following adjoining properties were reviewed.

North Adjoining Property

Historical Source	Description	Finding
Aerials	The north adjoining property is developed with various sized structures between 1938 and 2022.	
Topo Maps	No features are depicted between 1892 and 1901. Between 1929 and 1993, several structures are depicted on the property and shaded in black indicating that the property is developed. A few of the structures had a cross and flag symbol indicating a church and a school. No features are depicted between 1998 and 2021.	
FIMS	The property was developed with several similar sized residential flats and dwellings between 1911 and 1975. The property was also developed during this time with a school and a church.	

Historical Source	Description	Finding
City Directories	**15240 Myrtle Avenue:** The property is not listed in any of the available regulatory databases. **15245 Myrtle Avenue:** The property is not listed in any of the available city directories prior to 1957. Beginning in 1957 through at least 1974, the property is occupied by residents. **15243 Myrtle Avenue:** The property is not listed in any of the available city directories prior to 1957. Beginning in 1957 through 2022, the property is occupied by residents.	

East Adjoining Property

Historical Source	Description	Finding
Aerials	The east adjoining property is developed with various sized structures between 1938 and 2022.	
Topo Maps	No features are depicted between 1892 and 1893. Between 1900-1998, several structures are depicted and shaded in black indicating development. One of the structure is depicted with a cross indicating a church. Between 2015 and 2021, no features are depicted.	
FIMS	The property was developed with several residential flats and dwellings and detached garage structures between 1911 and 1975. Additionally, a church structure was developed on the far northern portion of the property between 1911 and 1975.	

Historical Source	Description	Finding
City Directories	**15302 LOOMIS Ave:** The property is not listed in any of the available city directories. **15304 LOOMIS Ave:** The property is not listed in any of the available city directories. **15308 LOOMIS Ave:** The property is not listed in any of the available city directories. **15309 LOOMIS Ave:** The property is not listed in any of the available city directories. **15310 LOOMIS Ave:** The property is not listed in any of the available city directories. **15310 LOOMIS Ave:** The property is not listed in any of the available city directories. **15318 LOOMIS Ave:** The property is not listed in any of the available city directories. **15322 LOOMIS Ave:** The property is not listed in any of the available city directories. **15326 LOOMIS Ave:** The property is not listed in any of the available city directories. **15328 LOOMIS Ave:** The property is not listed in any of the available city directories. **15332 LOOMIS Ave:** The property is not listed in any of the available city directories. **15336 LOOMIS Ave:** The property is not listed in any of the available city directories. **15338 LOOMIS Ave:** The property is not listed in any of the available city directories.	

South Adjoining Property

Historical Source	Description	Finding
Aerials	The south adjoining property was developed as early as 1938 with several various sized structures and paced parking areas. Sometime between 2006 and 2009, the existing structures on the eastern portion of the property was razed and left as vacant lots. The property has since been in its current configuration.	
Topo Maps	No features are depicted between 1892 and 1893. Between 1900 and 1943, several structures are depicted and shaded in black indicating the property is developed. No features are depicted between 1953 and 2021.	
FIMS	Majority of the south adjoining properties were developed as residential dwellings or flats between 1911 and 1975. However, one of the properties was developed as a gas station, auto repair center, and used auto sales center including at least three gasoline tanks (GTs).	✔

Historical Source	Description	Finding
City Directories	**15347 Myrtle Avenue:** The property is not listed in any of the available city directories. **63 E 154th Street:** The property is not listed in the available city directories prior to 1970. By 1970 through at least 2000, the property is occupied by various automotive companies including WORTH MOTORS, KIDD CAB CO, ECONOMICAL FRGN CAR, and TISHAWN'S TOWING. **15020 Ashland Avenue:** The property is not listed in any of the available city directories. **43-47 East 154th Street:** The property is not listed in any of the available city directories prior to 1957. Beginning in 1957 through at least 2022, the property is occupied by beauty salons, grocery stores, and residents. **61 E 154th Street:** The property is not listed in any of the available city directories. **69 E 154th Street:** The property is not listed in any of the available city directories prior to 1957. Beginning in 1957 through 1985, the property is occupied by various commercial tenants including Armand's Barber Shop, Progressive Beauty Salon, Owen's Bookkeeping, and M and L Hot Dog.	✔

West Adjoining Property

Historical Source	Description	Finding
Aerials	The west adjoining property is developed with various sized structures between 1938 and 2022.	
Topo Maps	No features are depicted between 1892 and 1901. Between 1929 and 1943, several structures are depicted on the property and shaded in black indicating that they are developed. Between 1953 and 2021, no features are depicted.	
FIMS	Several residential dwellings and residential flats are depicted along with detached garages between 1911 and 1975. Additionally, a paint shop and auto repair center are depicted on the southeastern portion of the property between 1911 and 1951.	✔

Historical Source	Description	Finding
City Directories	**42 153RD Street:** The property is not listed in any of the available city directories. **15307 VINE Ave:** The property is not listed in any of the available city directories. **15309 VINE Ave:** The property is not listed in any of the available city directories. **15313 VINE Ave:** The property is not listed in any of the available city directories. **15315 VINE Ave:** The property is not listed in any of the available city directories. **15317 VINE Ave:** The property is not listed in any of the available city directories. **15321 VINE Ave:** The property is not listed in any of the available city directories. **15323 VINE Ave:** The property is not listed in any of the available city directories. **15325 VINE Ave:** The property is not listed in any of the available city directories. **15327 VINE Ave:** The property is not listed in any of the available city directories. **15329 VINE Ave:** The property is not listed in any of the available city directories. **15331 VINE Ave:** The property is not listed in any of the available city directories. **15335 VINE Ave:** The property is not listed in any of the available city directories. **15337 VINE Ave:** The property is not listed in any of the available city directories. **15339 VINE Ave:** The property is not listed in any of the available city directories.	

5.3.3 Surrounding Properties

A3E's observations of the surrounding properties did not identify any environmental concerns to the Subject Property.

5.4 Property Tax Files

Property tax files were obtained from the Cook County Assessor's online database. Available tax files list the Subject Property with a parcel index numbers (PINs) of 29171130210000, 29171130220000, 29171130230000, 29171130240000, 29171130250000, 29171130260000, 29171130270000, 29171130280000, 29171130290000, 29171130300000, 29171130310000, 29171130320000, 29171130330000, 29171130340000, 29171130350000, 29171140010000, 29171140020000, 29171140030000, 29171140040000, 29171140050000,

29171140060000, 29171140070000, 29171140080000, 29171140090000, 29171140100000, 29171140110000, 29171140120000, 29171140130000, 29171140390000, 29171140400000, 29171140160000.

5.5 Recorded Land Title Records

Metropolitan Water Reclamation District of Greater Chicago (MWRD) did not provide recorded land title records to A3E for review. Recorded land title records were not provided by the user. An independent review of land title information was not conducted by A3E.

5.6 Other Historical Sources

Other historical sources may include, but is not limited to, miscellaneous maps, newspaper archives, internet sites, community organizations, local libraries, historical societies, current owners or occupants of neighboring properties, or records in the files and/or personal knowledge of the Subject Property owner and/or occupants.

No other historical sources were identified and/or reviewed.

6.0 INTERVIEWS

Interviews were conducted with persons familiar with the Subject Property and surrounding properties to obtain information regarding the presence or possible presence of Recognized Environmental Conditions in connection with the Subject Property. Interviews were conducted in person, in writing, or by telephone. Any copies of communications records are included in the Appendix.

Pertinent information from the interviews is presented in applicable sections of this report.

6.1 Key Site Manager

No Key Site Manager was identified/interviewed for this assessment as no MWRD contact was provided at the time of the assessment. Myrtle Avenue, adjoining alleyways, and several of the residential lots were open and available for access. Refer to Section 2.7 for further discussion regarding limiting conditions and significant data gaps.

6.2 Current Owner

A3E requested an interview with the Subject Property owner; however, the subject property owner has not responded as of this report date. Based on the quality of information obtained form other sources, this limitation is not expected to alter the overall Findings of this assessment.

6.3 Current Occupant Interview(s)

The Subject Property consists of both occupied residential properties and vacant lots. As such, interviews with occupants were not considered necessary.

6.4 Past Owners, Operators, Occupants

Contact information for previous owners, operators and occupants at the Subject Property was not obtained nor provided. No past owners, operators, or occupants were interviewed.

6.5 Local Government Official Interview(s)

Local government officials were interviewed by A3E either in person, in writing, or by telephone. FOIA responses that were not received at the time of the completion of this ESA will be reviewed by A3E when the information becomes available. If the reviewed information significantly alters A3E's findings and conclusions, an addendum to this

assessment will be issued. Responses not received within 20 calendar days of the initial request for information are considered not *reasonably ascertainable* per the ASTM Standard.

Interviews with local government officials are described below.

6.5.1 Local Fire Department

As part of the Phase I ESA and in order to adhere to the AAI requirements of making a *"reasonable attempt"* to conduct an interview and/or obtain related documentation for the Subject Property, A3E requested fire department records from Harvey via electronic submittal.

A3E contacted Harvey Fire Department requesting records relate to spills, releases, or storage tanks at the Subject Property.

At the time of this report, the Harvey Fire Department had not yet responded to the request for information. In accordance with Sections 8.1.4 and 8.1.5 of the ASTM Standard, this information will be considered not *reasonably ascertainable* if not provided within 20 calendar days. Any information received within 20 calendar days will be reviewed by A3E. If any of the information has a significant impact on the findings and opinions of this report, A3E will issue an addendum as soon as practical.

6.5.2 Local Building Department

As part of the Phase I ESA and in order to adhere to the AAI requirements of making a *"reasonable attempt"* to conduct an interview and/or obtain related documentation for the Subject Property, A3E requested building department records from Harvey via electronic submittal.

At the time of this report, the Building Department of Harvey had not yet responded to the request for information. In accordance with Sections 8.1.4 and 8.1.5 of the ASTM Standard, this information will be considered not *reasonably ascertainable* if not provided within 20 calendar days. Any information received within 20 calendar days will be reviewed by A3E. If any of the information has a significant impact on the findings and opinions of this report, A3E will issue an addendum as soon as practical.

6.5.3 Municipal/State/Other

Name/Title	Illinois Office of the State Fire Marshal (OSFM)

Department	Illinois Office of the State Fire Marshal (OSFM)
Telephone/Email	Request submitted via electronic portal
Interview Type	FOIA
Date of Interview	September 12, 2023
Details	A3E submitted a records request to the OSFM regarding the historical use of the south adjoining property as a gas station and auto repair and in efforts to obtain any installation, removal, and closure documentation.

7.0 ADDITIONAL (NON-SCOPE) CONSIDERATIONS

Some environmental conditions may be present at a property that do not present potential CERCLA liability and are beyond the scope of this practice.

The following are several non-scope considerations that were assessed in connection with the Subject Property. No implications is intended as to the relative importance of inquiry into the non-scope considerations, and the following are not intended to be all-inclusive.

7.1 Asbestos-Containing Building Materials

A3E has conducted a limited, visual evaluation of accessible areas for the presence of suspect ACMs at the Subject Property. The objective of this visual survey was to note the presence and condition of suspect ACM observed. The information below is for general informational purposes only and does not constitute an asbestos survey. In addition, the information is not intended to comply with federal, state, or local regulations in regard to ACM.

The existing buildings on the Subject Property were constructed at a time when the use of ACM was common. No sampling was performed to verify the presence of ACM. In the event of damage, renovation, or demolition, the suspect ACMs should be properly assessed for asbestos and handled in accordance with federal, state and local regulations.

7.2 Floodplains

The Federal Emergency Management Agency (FEMA) publishes Flood Insurance Rate Maps (FIRMS) that identify the Flood Zone for a property. The information below is for general informational purposes only and does not constitute a flood zone survey. In addition, the information is not intended to comply with federal, state, or local regulations in regard to flood zones.

According to the FIRMs, the Subject Property is located on Community Panel 17031C0732J, dated August 2008and is located in Flood Zone X.

Zone X consists of areas of moderate flood hazard, usually the area between the limits of the 100- year and 500-year floods.

7.3 Wetlands

A3E reviewed the online US Fish & Wildlife Service's National Wetlands Inventory (NWI) Wetlands Mapper to determine if wetlands are present/mapped on the Subject Property. The information below is for general informational purposes only and does not constitute wetland survey. In addition, the information is not intended to comply with federal, state, or local regulations in regard to wetlands.

According to the map, no wetlands are present on the Subject Property.

7.4 Radon

Radon is a colorless, odorless, naturally occurring, radioactive, inert, gaseous element formed by radioactive decay of radium (Ra) atoms. The US EPA has prepared a map to assist National, State, and local organizations to target their resources and to implement radon-resistant building codes. The map divides the country into three Radon Zones; Zone 1 (Exceed 4.0 pCi/L), Zone 2 (2.0-4.0 pCi/L), and Zone 3 (less than 2.0 pCi/L). The US EPA recommends additional action for radon concentrations above 4.0 pCi/L). The information below is for general informational purposes only and does not constitute a radon survey. In addition, the information is not intended to comply with federal, state, or local regulations in regard to radon.

The Subject Property was identified to be in Zone 2, below the US EPA recommendation for additional action. No sampling was performed to determine site-specific radon concentrations.

7.5 Lead-Based Paint

A3E conducted a limited, visual evaluation of accessible areas for the presence of suspect Lead Based Paint (LBP). Lead was commonly used as a paint additive prior to 1972. In 1978, the use of LPB was banned completely for consumer products, although such products may still be used for industrial/military applications. The information below is for general informational purposes only and does not constitute a LBP survey. In addition, the information is not intended to comply with federal, state, or local regulations in regard to LBP.

Based on the age of the existing buildings on the Subject Property, LBP may be present. No sampling was performed to verify the presence of LBP. However, in the event of renovation, demolition or other construction activities that would disturb painted surface, A3E recommends a survey be completed to confirm the present or absence of LBP.

7.6 Lead in Drinking Water

The information below is for general informational purposes only and does not constitute an analysis of lead in drinking water. In addition, the information is not intended to comply with federal, state, or local regulations in regard to lead in drinking water.

The Subject Property receives its drinking water from the municipal system. According to the most current Consumer Confidence Report, for the year 2022 the water supplied to the Subject Property reportedly meets federal and state drinking water standards, including those for lead and copper.

7.7 Vapor Intrusion Pathway

As part of this assessment, A3E completed the Tier 1 Vapor Encroachment Screening, as described in ASTM E2600-22 '*Standard Guide for Vapor Encroachment Screening on a Property Involved in Real Estate Transactions*'. The purpose is to conduct an initial screen to identify, to the extent feasible, the potential for a vapor encroachment condition (VEC) in connection with the Subject Property with respect to chemicals of concern that may migrate as vapors into the vadose zone of the Subject Property as a result of known or suspect contaminated soil and/or groundwater on or near the Subject Property.

The Tier 1 Screening is based entirely upon information discovered during completion of this Phase I ESA and is intended to solely aid in the identification of Recognized Environmental Conditions. Consideration of vapor encroachment consists of a review of available information and use of professional judgement in determining if contamination is suspected in the soil and/or groundwater on the Subject Property or nearby properties and whether the identified contamination is suspected to exist within a critical distance of the Subject Property.

Critical Distance, as defined by ASTM E 2600-22 is defined as the maximum distances at which vapor encroachment may occur. These distances vary depending on topographic and hydrologic gradient, width of the contaminant plume, and type of contaminant known, or suspected, to exist. Generally, Critical Distances are 100 feet for non-petroleum contaminants of concern (COCs) and 30 feet for dissolved petroleum COCs. If a facility is beyond the critical distance, it is highly unlikely that a VEC exists. Consideration of topographic gradient is key to defining the Areas of Concern (AOCs) within which Critical Distances are applied. When plume data is not available, AOCs are used in lieu of Critical Distance to determine whether a VEC exists or not. According to ASTM E2600, the AOCs for these critical distances are as follows:

- 1,760 feet (1/3 mile) for contamination located up-gradient of the Subject Property, except for dissolved petroleum hydrocarbons, which have a distance of 528 feet (1/10 mile);

- 365 feet for contamination located cross-gradient of the Subject Property;
- 100 feet for contamination located down-gradient of the Subject Property, with the exception of dissolved petroleum hydrocarbons, which have a distance of 30 feet. If non-aqueous phase petroleum hydrocarbons (LNAPL) are present, the 100-foot distance is utilized.

The following is based upon the results of A3E's data collection, reconnaissance, and analysis.

Based on A3E's review of available information, a suspect release of hazardous substances or petroleum products to soil or groundwater may be located on the south adjoining property considering its historical use as a gas station and auto repair center. Given the long-term automotive use, the possibility of the suspect presence of USTs on site, and the close proximity to the Subject Property, it is A3E's opinion that a VEC cannot entirely be ruled out.

A complete assessment under the ASTM E 2600-22 is beyond the scope of this ASTM E 1527-21 Phase I Environmental Site Assessment.

7.8 Mold

Mold growth will often occur when excessive moisture or water accumulates indoors. Mold, if present will not visually manifest itself. Neither the site assessor, nor A3E has any liability for the identification of mold-related concerns and this Phase I ESA should not be construed as a mold survey or inspection. This concern is intended to give the client an indication of the potential presence of mold at the Subject Property. Additional areas of water intrusion and/or mold growth not observed during this limited assessment may be present.

The presence of any water intrusion or mold were unable to be determined as no interior acres was granted to the existing building on the Subject Property at the time of the site reconnaissance.

7.9 Emerging Contaminants

Several substances are not defined as hazardous substances under CERCLA, including some substances sometimes generally referred to as "emerging contaminants". These substances are not considered hazardous substances unless or until the substances are classified as such under CERCLA are not included in the scope of this practice. These substances may include: (1) some substances that occur naturally or through biological digestion (for example, methane), and (2) substances about which human understanding

is evolving (for example, per- and polyfluoroalkyl substances, also known as “PFAS”). However, some of these substances may be considered a “hazardous substance” (or equivalent) under applicable state laws.

A3E did not identify known or suspect evidence of "emerging contaminants" associated with the Subject Property.

8.0 FINDINGS & OPINIONS

The following features, activities, uses and conditions, may indicate the presence or likely presence of hazardous substances and petroleum products at the Subject Property.

8.1 Subject Property

- A3E observed a suspect fill port along the building exterior of Parcel 29-17-114-040-0000 (15337 Myrtle Avenue). The metal piping leads into the concrete foundation and siding. Based on the fact that interior access was not provided into this building or any of the existing buildings on the Subject Property at the time of the site reconnaissance, A3E was unable to confirm or deny the potential presence of any underground or above ground storage tanks. As such, it is A3E's opinion that this is considered a Significant Data Gap.
- Several waste and recycling bins and various debris (including wooden pallets, plastic and metal materials, and plastic buckets) were identified throughout the exterior of the Subject Property and along the alleyways. Based on the solid nature of these materials, the absence of any evidence of improper disposal methods, and the absence of any nearby staining, it is A3E's opinion that this is not considered a REC.
- A solid waste dumpster is present on the exterior of Parcel number 29-17-113-035-000. Waste Management is responsible for emptying and proper disposal of the solid waste at a licensed landfill. No staining or issues were noted with the dumpster. Based on the absence of any evidence of improper disposal methods and the absence of any nearby staining, it is A3E's opinion that this is not considered a REC.

8.2 Adjoining Properties

- Historical records identified the south adjoining property, addressed 15347 Myrtle Avenue and 63 East 154th Street, as a gasoline service station and automotive repair facility between 1949 and 1975. The property was equipped with at least three undergrounds storage tanks and a repair center structure. No information pertinent to the status and operation of USTs and their removal/closure was ascertained. In addition, no documentation was available indicating whether any soil or groundwater sampling was performed for the presence of petroleum

hydrocarbons. Based on the absence of data confirming the presence of the USTs, the long-term automotive use of the property (20-25 years), or whether a release had occurred, it is possible that petroleum hydrocarbons may have impacted the subsurface and migrated onto the Subject Property given the close proximity. Therefore, it is A3E's opinion that this represents a REC.

- Historical records identified the west adjoining property as a paint shop and automotive repair facility at least between 1911 and 1951. Based on the absence of any reported release and the absence of any evidence to suggest the use of underground or above ground storage tanks on site, it is A3E's opinion that this is not considered a REC.

8.3 Surrounding Properties

- No Findings were identified for the Surrounding Properties.

9.0 CONCLUSIONS & RECOMMENDATIONS

A3 Environmental, LLC (A3E) personnel performed this *Phase I Environmental Site Assessment (ESA)* in conformance with the scope and limitations of the (ASTM) Practice E1527-21, for the Residential Properties located at 15300-15337 Myrtle Avenue in Harvey, Cook County, IL (the 'Subject Property'). Any exceptions to, or deletions from, this assessment are described in Section 2 of this report.

This assessment has revealed the following evidence of known or suspect RECs, HRECs, or CRECs in connection with the Subject Property.

- Historical records identified the south adjoining property, addressed 15347 Myrtle Avenue and 63 East 154th Street, as a gasoline service station and automotive repair facility between 1949 and 1975. The property was equipped with at least three undergrounds storage tanks and a repair center structure. No information pertinent to the status and operation of USTs and their removal/closure was ascertained. In addition, no documentation was available indicating whether any soil or groundwater sampling was performed for the presence of petroleum hydrocarbons. Based on the absence of data confirming the presence of the USTs, the long-term automotive use of the property (20-25 years), or whether a release had occurred, it is possible that petroleum hydrocarbons may have impacted the subsurface and migrated onto the Subject Property given the close proximity. Therefore, it is A3E's opinion that this represents a REC.

Based on the findings of this Phase I ESA, A3E recommends additional investigation or inquiry to evaluate Recognized Environmental Conditions identified in this report.

10.0 SIGNATURES AND ENVIRONMENTAL PROFESSIONAL STATEMENT

10.1 Signatures

Site Assessor:



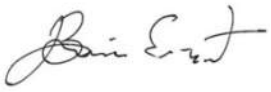
Patrick W. Hook, P.G.
Site Assessor

Senior Reviewer:



Patrick W. Hook, P.G.
Sr. Project Manager

The following personnel contributed to the preparation of this Phase I ESA under the direct charge of the environmental professional(s) signed below:



Brian Englert
Due Diligence Manager

10.2 Environmental Professional Statement/AAI Certification

We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in section 312.10 of 40 CFR 312, and we have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Subject Property.

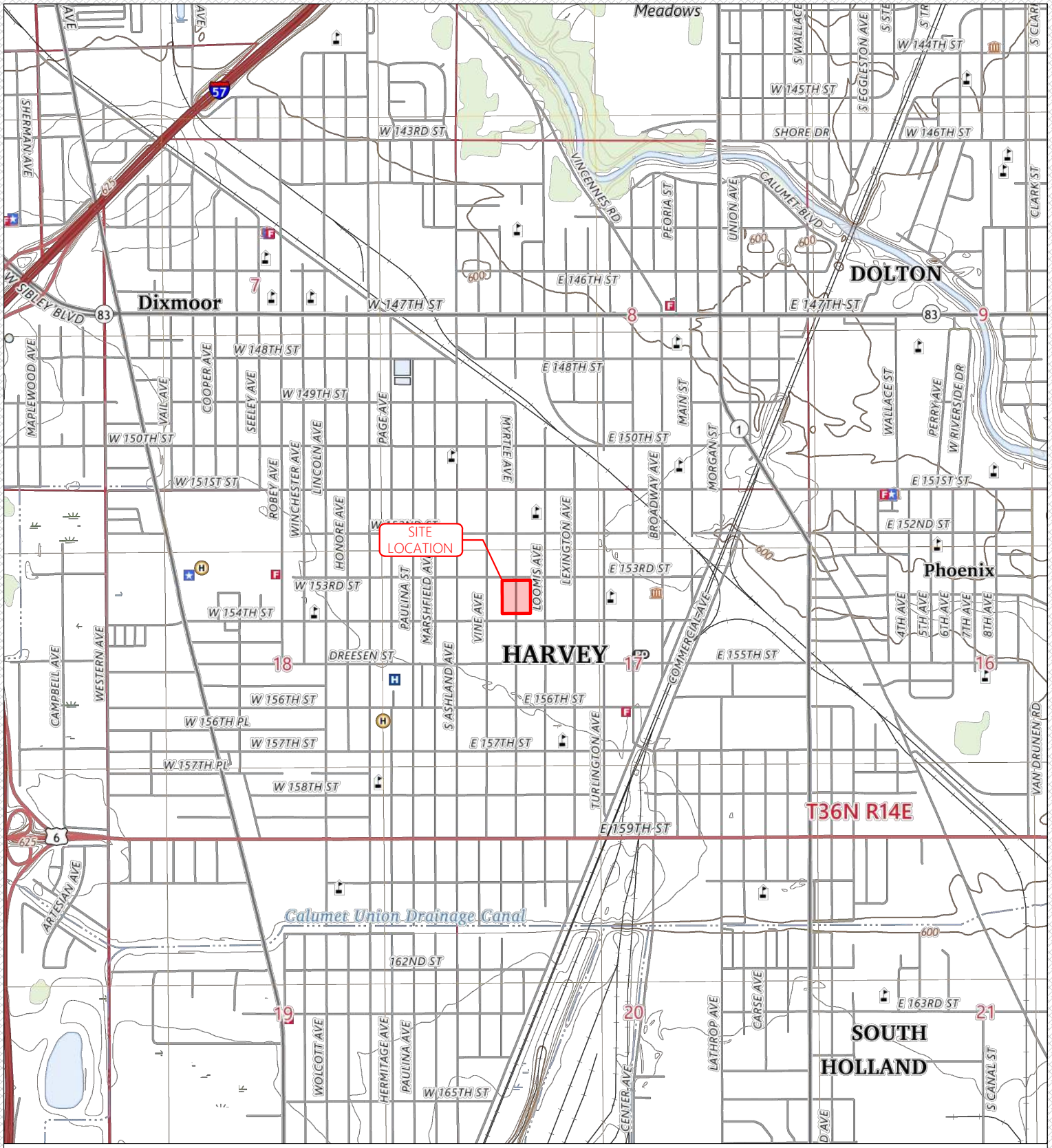


Patrick W. Hook, P.G.
Sr. Project Manager

11.0 REFERENCES

Resources	Agency/Provider/Contact Information	Date
Phase I Guidelines	ASTM International, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process (ASTM 1527-21).	November 2021
Environmental Records	ERIS Database Report	August 14, 2023
Physical Setting Report	ERIS Physical Setting Report	August 12, 2023
Aerial Photographs	ERIS Historical Aerial Report or NETRonline: Historic Aerials	August 14, 2023
Fire Insurance Maps	ERIS Fire Insurance Maps	August 12, 2023
Property Tax Files	Cook County website	Records reviewed and obtained August 15, 2023
Land Title Records	Cook County GIS	N/A
USGS Topographic Maps	ERIS Physical Setting Report or the USGS Historical Topographic Map Explorer https://livingatlas.arcgis.com/topoexplorer/index.html	August 12, 2023
Local Street Directories	ERIS Historical City Directories	August 17, 2023
Building Department Records	City Clerk of Harvey, IL	Records requested via online August 11, 2023
Zoning/Land Use Records	Harvey Zoning Map	N/A
Geological Information	ERIS Physical Setting Report	August 12, 2023
Soils Information	ERIS Physical Setting Report or United States Department of Agriculture Natural Resources Conservation Service (http://www.soils.usda.gov/)	August 12, 2023
Flood Information	ERIS Physical Setting Report or Federal Emergency Management Agency (http://www.fema.gov)	August 12, 2023
Wetland Information	ERIS Physical Setting Report or National Wetlands Inventory On-line Mapper, U.S. Fish and Wildlife Service Website (http://www.fws.gov/wetlands/data/mapper.HTML)	August 12, 2023
Groundwater Information	ERIS Physical Setting Report or USGS Groundwater Watch website https://groundwaterwatch.usgs.gov/default.asp	August 12, 2023
Municipal Consumer Confidence Report	Harvey Website	2022

Appendix A
Figures



CONTOUR INTERVAL 5 FEET
NORTH AMERICAN VERTICAL DATUM OF 1988
CONTOUR SMOOTHNESS = Medium

USER DEFINED CONTENT

2023

1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000
FEET

1 0.5 0 1
MILES

Figure 1

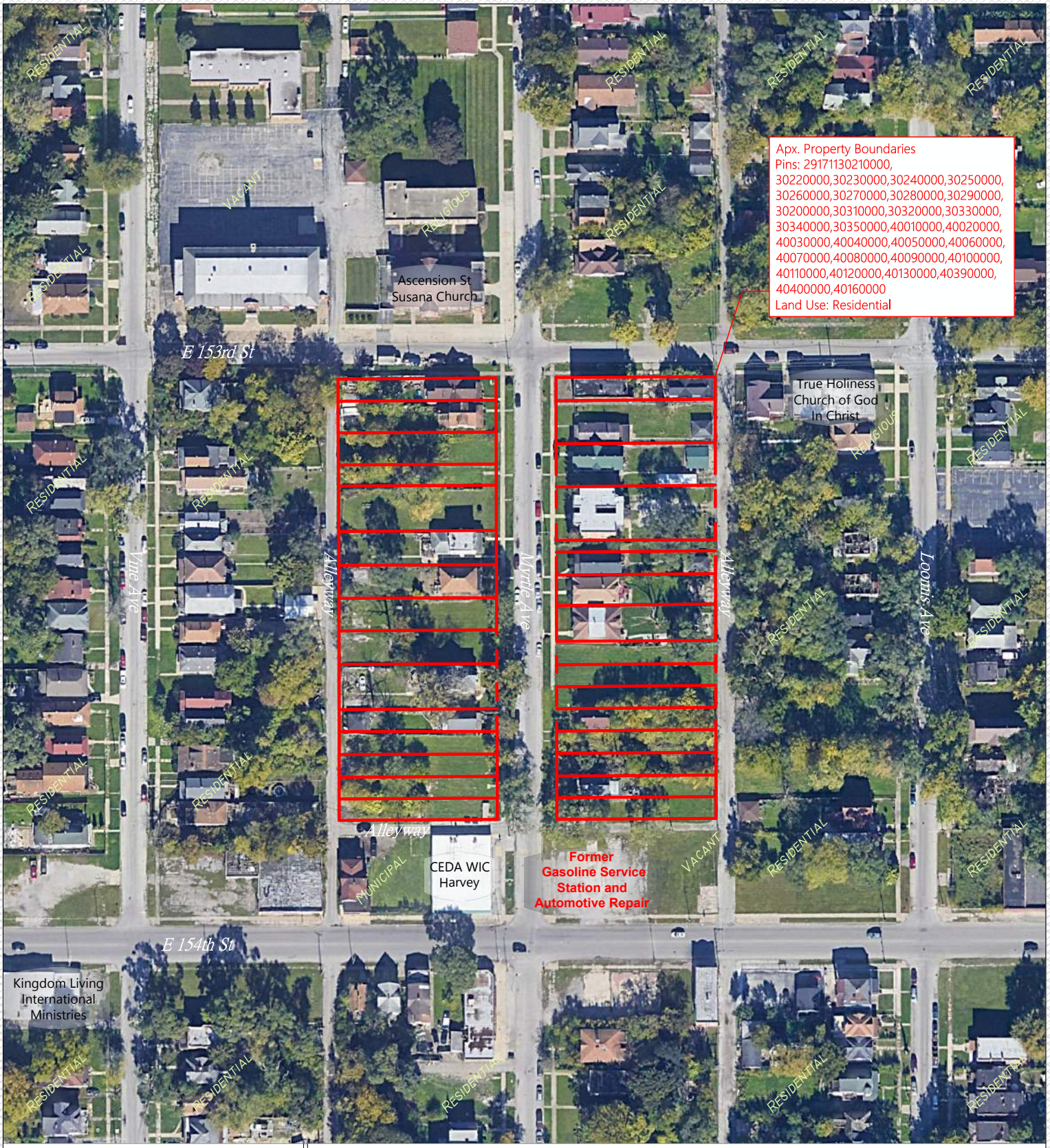
Site Topographic Map

Residential Properties
15300-15337 Myrtle Ave, Harvey, IL 60426

Prepared For:
MWRD, 111 E Erie Street, Chicago, IL 60611

Project No.	2023.0731
Date	9.13.2023
Drawn By	O. Frickenstein
Scale	1:2400

A3E CONSULTANTS



Imagery Adopted from Google Earth Pro
Parcel Data from ERIS Database Report

75' 0 150'

Legend

Site Property Boundary

LAND USE INFORMATION

Figure 2

Residential Properties
15300-15337 Myrtle Ave, Harvey, IL 60426

Site Area Map

Prepared For:
MWRD, 111 E Erie Street, Chicago, IL 60611

Project No.	2023.0731
Date	9.13.2023
Drawn By	O. Frickenstein
Scale	1" = 150'

A3E CONSULTANTS



Imagery Adopted from Google Earth Pro
Parcel Data from ERIS Database Report

35' 0 70'

Legend

- Site Property Boundary
- Solid Waste Disposal
- Suspect Fill Port
- Subject Property Contains Several Waste and Recycling Bins and Various Debris

Site Notes

- General Site Elevation (MSL) 604.03'
- Presumed Hydraulic Gradient Direction (Northeast) — NE

Figure 3

Site Detail Map

Residential Properties
15300-15337 Myrtle Ave, Harvey, IL 60426

Prepared For:
MWRD, 111 E Erie Street, Chicago, IL 60611

Project No.	2023.0731
Date	9.13.2023
Drawn By	O. Frickenstein
Scale	1" = 70'

A3E CONSULTANTS

Appendix B
Site Photographs



1
SUBJECT PROPERTY



2
SUBJECT PROPERTY WEST SIDE FACING SOUTH



3
SUBJECT PROPERTY EAST SIDE FACING SOUTH



4
PARCEL # 29-17-114-001-0000 (15301 MYRTLE AVE)



5
PARCEL # 29-17-114-001-0000 (15301 MYRTLE AVE)



6
PARCEL # 29-17-114-001-0000 (15301 MYRTLE AVE)



7
PARCEL # 29-17-114-001-0000 (15301 MYRTLE AVE)



8
SUBJECT PROPERTY FROM REAR (EAST ALLEY)



9
SUBJECT PROPERTY FROM REAR (EAST ALLEY)



10
SUBJECT PROPERTY FROM REAR (EAST ALLEY)



11
SUBJECT PROPERTY FROM REAR (EAST ALLEY)



12
SUBJECT PROPERTY FROM REAR (EAST ALLEY)



13
SUBJECT PROPERTY FROM REAR (EAST ALLEY)



14
SUBJECT PROPERTY FROM REAR (EAST ALLEY)



15
SUBJECT PROPERTY FROM REAR (EAST ALLEY)



16
SUBJECT PROPERTY FROM REAR (EAST ALLEY)



17
SUBJECT PROPERTY FROM REAR (EAST ALLEY)



18
SUBJECT PROPERTY FROM REAR (EAST ALLEY)



19
SUBJECT PROPERTY FROM REAR (EAST ALLEY)



20
SUBJECT PROPERTY FROM REAR (EAST ALLEY)



21
SUBJECT PROPERTY FROM REAR (EAST ALLEY)



22
SUBJECT PROPERTY FROM REAR (EAST ALLEY)



23
SUBJECT PROPERTY FROM REAR (WEST ALLEY)



24
SUBJECT PROPERTY FROM REAR (WEST ALLEY)



25
SUBJECT PROPERTY FROM REAR (WEST ALLEY)



26
SUBJECT PROPERTY FROM REAR (WEST ALLEY)



27
SUBJECT PROPERTY FROM REAR (WEST ALLEY)



28
SUBJECT PROPERTY FROM REAR (WEST ALLEY)



29
SUBJECT PROPERTY FROM REAR (WEST ALLEY)



30
SUBJECT PROPERTY FROM REAR (WEST ALLEY)



31
SUBJECT PROPERTY FROM REAR (WEST ALLEY)



32
SUBJECT PROPERTY FROM REAR (WEST ALLEY)



33
SUBJECT PROPERTY FROM REAR (WEST ALLEY)



34
SUBJECT PROPERTY FROM REAR (WEST ALLEY)



35
SUBJECT PROPERTY FROM REAR (WEST ALLEY)



36
SUBJECT PROPERTY FROM REAR (WEST ALLEY)



37
Subject Property From Rear (West Alley)



38
Subject Property From Rear (West Alley North End)



39
Subject Property From Rear (West Alley)



40
Subject Property From Rear (West Alley North End)



41
Utility Cabinets on North Side of Subject Property



42
Parcel # 29-17-114-001-0000 (15301 Myrtle Ave)



43
PARCEL # 29-17-114-001-0000 (15301 MYRTLE AVE)



44
PARCEL # 29-17-114-001-0000 (15301 MYRTLE AVE)



45
PARCEL # 29-17-114-001-0000 (15301 MYRTLE AVE)



46
PARCEL # 29-17-114-002-0000 (15305 MYRTLE AVE)



47
IN-BETWEEN PARCEL # 29-17-114-003-0000 (15307 MYRTLE AVE) AND PARCEL # 29-17-114-002-0000 (15305 MYRTLE AVE)



48
PARCEL # 29-17-114-002-0000 (15305 MYRTLE AVE)



49
PARCEL # 29-17-114-003-0000 (15307 MYRTLE AVE)



50
PARCEL # 29-17-114-003-0000 (15307 MYRTLE AVE)



51
PARCEL # 29-17-114-004-0000 (15311 MYRTLE AVE)



52
PARCEL # 29-17-114-004-0000 (15311 MYRTLE AVE)



53
PARCEL # 29-17-114-004-0000 (15311 MYRTLE AVE)



54
PARCEL # 29-17-114-004-0000 (15311 MYRTLE AVE)



55
PARCEL # 29-17-114-004-0000 (15311 MYRTLE AVE)



56
PARCEL # 29-17-114-006-0000 (15306 MYRTLE AVE)



57
PARCEL # 29-17-114-005-0000 (15317 MYRTLE AVE)



58
PARCEL # 29-17-114-006-0000 (15306 MYRTLE AVE)



59
PARCEL # 29-17-114-007-0000 (15321 MYRTLE AVE)



60
IN-BETWEEN PARCEL # 29-17-114-006-0000 (15306 MYRTLE AVE) AND PARCEL # 29-17-114-007-0000 (15321 MYRTLE AVE)



61
PARCEL # 29-17-114-008-0000 (15323 MYRTLE AVE)



62
PARCEL # 29-17-114-008-0000 (15323 MYRTLE AVE)



63
PARCEL # 29-17-114-012-0000 (15331 MYRTLE AVE)



64
PARCEL # 29-17-114-009-0000, 29-17-114-010-0000, 29-17-114-011-0000 (15327 & 15329 MYRTLE AVE)



65
PARCEL # 29-17-114-012-0000 (15331 MYRTLE AVE)



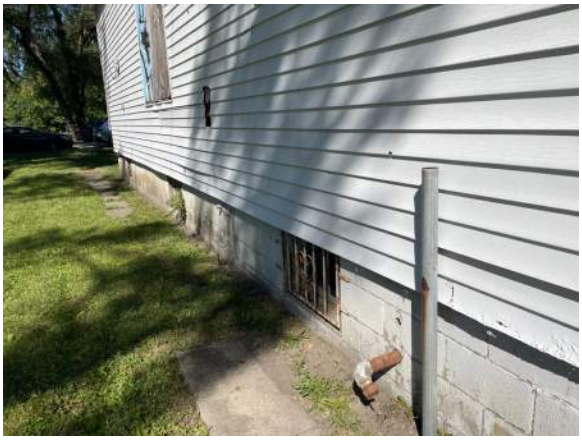
66
PARCEL # 29-17-114-039-0000 (15333 MYRTLE AVE)



67
PARCEL # 29-17-114-040-0000 (15337 MYRTLE AVE) AND SUSPECT FILL PORT



68
PARCEL # 29-17-113-016-0000 (15337 MYRTLE AVE) AND SUSPECT FILL PORT ON SIDE OF BUILDING



69
PARCEL # 29-17-114-040-0000 (15337 MYRTLE AVE) AND SUSPECT FILL PORT



70
PARCEL # 29-17-114-040-0000 (15337 MYRTLE AVE) AND SUSPECT FILL PORT ON SIDE OF BUILDING



71
PARCEL # 29-17-114-040-0000 (15337 MYRTLE AVE)



72
PARCEL # 29-17-113-035-0000 (15338 MYRTLE AVE)



73
PARCEL # 29-17-113-035-0000 (15338 MYRTLE AVE)



74
PARCEL # 29-17-113-034-0000 (15336 MYRTLE AVE)



75
PARCEL # 29-17-113-032-0000 (15332 MYRTLE AVE)



76
PARCEL # 29-17-113-031-0000 (15332 MYRTLE AVE)



77
PARCEL # 29-17-113-030-0000 (15328 MYRTLE AVE)



78
PARCEL # 29-17-113-030-0000 (15328 MYRTLE AVE)



79
PARCEL # 29-17-113-031-0000 (15332 MYRTLE AVE)



80
PARCEL # 29-17-113-030-0000 (15328 MYRTLE AVE)



81
PARCEL # 29-17-113-028-0000 & 29-17-113-029-0000 (15320 & 15324 MYRTLE AVE)



82
PARCEL # 29-17-113-027-0000 (15318 MYRTLE AVE)



83
PARCEL # 29-17-113-026-0000 (15314 MYRTLE AVE)



84
PARCEL # 29-17-113-027-0000 (15318 MYRTLE AVE)



85
PARCEL # 29-17-113-026-0000 (15314 MYRTLE AVE)



86
PARCEL # 29-17-113-025-0000 (15310 MYRTLE AVE)



87
PARCEL # 29-17-113-026-0000 (15314 MYRTLE AVE)



88
PARCEL # 29-17-113-024-0000 & 29-17-113-023-0000 (15306 & 15308 MYRTLE AVE)



89
PARCEL # 29-17-113-023-0000 (15306 MYRTLE AVE)



90
PARCEL # 29-17-113-022-0000 (15302 MYRTLE AVE)



91
PARCEL # 29-17-113-022-0000 (15302 MYRTLE AVE)



92
PARCEL # 29-17-113-021-0000 (15300 MYRTLE AVE)



93
PARCEL # 29-17-113-021-0000 (15300 MYRTLE AVE)



94
SOUTH ADJACENT PROPERTY (FORMER GAS STATION)



95
SOUTH ADJACENT PROPERTY (CEDA)



96
SOUTH ADJACENT PROPERTY (FORMER GAS STATION)



97
SOUTH ADJACENT PROPERTY (FORMER GAS STATION)



98
SOUTH ADJACENT PROPERTY (FORMER GAS STATION)



99
SOUTH ADJACENT PROPERTY (FORMER GAS STATION)



100
ADJACENT NORTH PROPERTY ASCENSION ST SUSANA CHURCH



101
ADJACENT NORTH PROPERTY



102
ADJACENT SOUTH PROPERTY CEDA



103
ADJACENT NORTH PROPERTY ASCENSION ST SUSANA CHURCH



104
ADJACENT NORTH PROPERTY



105
ADJACENT NORTH PROPERTY ASCENSION ST SUSANA CHURCH



106
ADJACENT EAST



107
ADJACENT EAST



108
ADJACENT SOUTH PROPERTY



109
ADJACENT SOUTH PROPERTY



110
ADJACENT SOUTH PROPERTY



111
ADJACENT SOUTH PROPERTY (CEDA)



112
ADJACENT SOUTH PROPERTY (CEDA)



113
ADJACENT SOUTH PROPERTY (CEDA ON LEFT, BUILDING ON RIGHT)

Appendix C
Qualifications of Environmental Professional(s)

Lisa Esposito

Production Assistant/Project Coordinator



Areas of Expertise:

- Client Management
- Project Management/ Administration

Qualifications Summary:

Ms. Esposito is a project coordinator with 2 years of experience in the environmental industry. Her experience specifically lies in project set-up and administration, and client and data management. Her experience includes Phase I quoting, project entry, utilization of several software-based systems including Quire and Google Drive, scheduling site visits with contactors and internal A3E staff, uploading and organizing data (i.e., documents and site photographs), submitting Freedom of Information/public records requests, delivering completed work products and related reliance letters to clients, and assisting A3E's accounts payable and receivable department with vendor and contractor invoices and client receivables.

Ms. Esposito has a heavy involvement in A3E's Environmental Due Diligence Department and has working knowledge and understanding of what is involved for the following projects: Phase I Environmental Site Assessments (Phase I ESAs), Transactional Screens (TSA), Environmental Screens with Risk Interpretation (ESRIs), and Records Search with Risk Assessments (RSRAs). She recognizes various types of commercial and residential property transactions and lends quality customer service and advice to both prospective and established clients.

Representative Project Experience

Phase I ESAs, RSRAs, ESRIs, and TSAs, *Nationwide*
Performed project set up, assisted with site scheduling, submitted FOIA/public records requests, and completed interviews with local municipalties (i.e., via phone and/or email) for vacant/farmland, residential, commercial, and industrial properties.

BRIAN T. ENGLERT

Due Diligence Manager



Areas of Expertise:

- Client Management
- Project Management
- Environmental Site Assessments
- Soil/Groundwater Sampling
- CCDD Soil Management and Oversight
- Risk Assessments and Desktop Reviews

Education:

- Bachelor of Arts, Environmental Scientist, Carroll University, 2017

Registrations & Training:

- OSHA 40-hour HAZWOPER
- OSHA 8-hour HAZWOPER Refresher
- OSHA 10-hour Construction Safety
- ERPIMS/US AFCEC

Qualifications Summary:

Brian T. Englert is the Due Diligence Manager and Environmental Scientist for A3 Environmental, LLC. He has 5 years of experience in environmental consulting. His passion for the due diligence department and attention to detail on all projects supports A3E's core values in providing all clients with efficiency, great customer service, and proactively discussing findings and next best steps to avoid any unnecessary delays or additional costs.

Mr. Englert has a strong working knowledge of Environmental Screens/Desktop Reviews (ESRIs), Records Search with Risk Assessments (RSRAs) and Phase I Environmental Site Assessments (ESAs) and has completed them for a wide range of local and national clients including lending institutions, real estate owners, real estate investment trusts, private equity investment firms, and many others, all in accordance with the applicable American Society for Testing and Materials (ASTM) Standards and Guidelines, United States Environmental Protection Agency (USEPA) All Appropriate Inquiry (AAI) rules.

Mr. Englert's environmental background includes a comprehensive understanding of the current ASTM Standards (E1527-21), knowledge of various state UST and remediation regulations, conducting adept site observations during the reconnaissance portion of the project, and research required for the preparation of Phase I ESAs including historical land use, regulatory, physical, and geological sources, and governmental research, including title as well as activity and use limitation (AUL) requirements. Mr. Englert has also assisted in various Phase II subsurface investigations to assess the horizontal and vertical extent of soil and groundwater contamination at industrial facilities.

Representative Project Experience

Phase I Environmental Site Investigations, *Various Locations*

Performed several Phase I ESAs and transaction screens across the Midwest and nationwide. Property types have included residential, light, and heavy industrial/manufacturing facilities, commercial buildings, and agricultural properties. Assessment activities include a site reconnaissance, historical data collection and analysis, regulatory database review, and report preparation. All reporting has been prepared in accordance with ASTM E1527 and E1528 standards as well as client-specific specifications.

Records Search with Risk Assessments, *Various Locations*

Performed several RSRAs and environmental desktop reviews across the Midwest and nationwide. Property types have included residential, light industrial, commercial buildings, and agricultural properties, vacant land, and retail. Assessment activities include a thorough review of historical data, analysis of regulatory databases, and report preparation. All reporting has been prepared in accordance with the Small Business Administration ("SBA") as well as client-specific specifications.

Phase II Environmental Site Assessments, *Field Sampling, Illinois, and Iowa*

Assisted in multiple Phase II ESA investigations, including the collection of surface and subsurface soil samples, groundwater sampling, labeling, and completion of soil boring logs and field notes.

Soil Management and Oversight of Clean Construction Demolition Debris (CCDD), ComEd, Dundee Illinois

Managed oversight of CCDD soil removal at the Dundee ComEd Substation. Assisted in completing required waste disposal forms LPC-662, LPC-663, or waste profile sheets for CCDD, directing trucks at the job site and signing off on round of removal tickets.

Construction Contractor Management and Soil Oversight, Thorntons, Posen Illinois

Managed environmental oversight of construction contractors on the construction of Thorntons Gas Station and Convenience Store, and soil removal within the right of ways for public utility companies. Tasks included, contractor coordination/scheduling, review of contractor submittals, on-site management of soil removal and disposal, preparation of IDRs (daily reports).

PCB Sample Management, NICOR, *Northern Illinois*

Assisted with the intake and processing of polychlorinated biphenyls (PCB) samples, client management, manifest organization, and correspondence of analytical results with Nicor clientele.

Patrick W. Hook, P.G

Lead Consultant



Areas of Expertise:

- Project Management
- Environmental Assessments
- Soil/Groundwater Remediation
- Regulatory Compliance
- ACM/Mold/Lead Surveys

Education:

- Master of Science, Geology, Iowa State University, 2004
- Bachelor of Science, Geology, California University of Pennsylvania, 2002

Registrations & Training:

- Professional Geologist – IL, IN
- OSHA 40-hour HAZWOPER
- 8-Hour Site Supervisor Training
- Asbestos Inspector – IL, IN, WI, MI, IA
- Lead Inspector - IL

Qualifications Summary:

Mr. Hook is currently a senior consultant with seventeen years of experience. He conducts and manages Phase II Environmental Site Investigations and Leaking Underground Storage Tank (LUST) projects in numerous states. Mr. Hook conducts proposal and budget preparation and performs field work to include soil, groundwater, and soil vapor sampling events, PFOS/PFAS sampling, remedial actions including soil removal, injection work and radiation soil screening. Mr. Hook also performs numerous ACM and mold surveys in the Midwest.

Representative Project Experience

Phase I Environmental Site Investigations, Various Locations

Performed and managed over 150 Phase I ESAs in numerous states in the US.

Phase I Environmental Site Investigations, Various Locations

Managed and performed Phase II Subsurface Investigations at commercial, industrial, and manufacturing facilities for source area assessment, delineation, and characterization. Projects include overseeing monitoring and permanent well drilling, soil and groundwater sample collection, soil vapor sampling, boring log preparation, groundwater gradient determination, data analysis and report preparation throughout the US.

Large Scale Sampling Events:

Performed large scale groundwater sampling events at NAS Jacksonville, FL, Austin Airport, TX, Alexandria Airport LA, MAHLE sites in Saint Johns and Muskegon, MI and Atlantic, IA. Managed the 9th Avenue Superfund Site air and groundwater sampling events in Gary, Indiana. Performed soils segregation for the Los Angeles County Museum of Art Parking Garage Installation.

Military Housing Environmental Survey/Inspection:

Performed military housing environmental inspections at Ft Benning GA., Ft. Belvoir VA., Ft. Knox KY., USN Monterey CA., Beale AFB CA., and Ft. Irwin CA. Large scale environmental, mold and ACM inspections were needed for demolition/renovation purposes.

Leaking Underground Storage Tank Investigations / Closure:

Performed UST removals in accordance with regulatory requirements in Illinois, Indiana, and California. Have experience with obtaining closure for sites in Illinois through the Illinois Environmental Protection Agency State Remediation Program, with the Indiana Department of Environmental Management and the Regional California Water Quality Board.

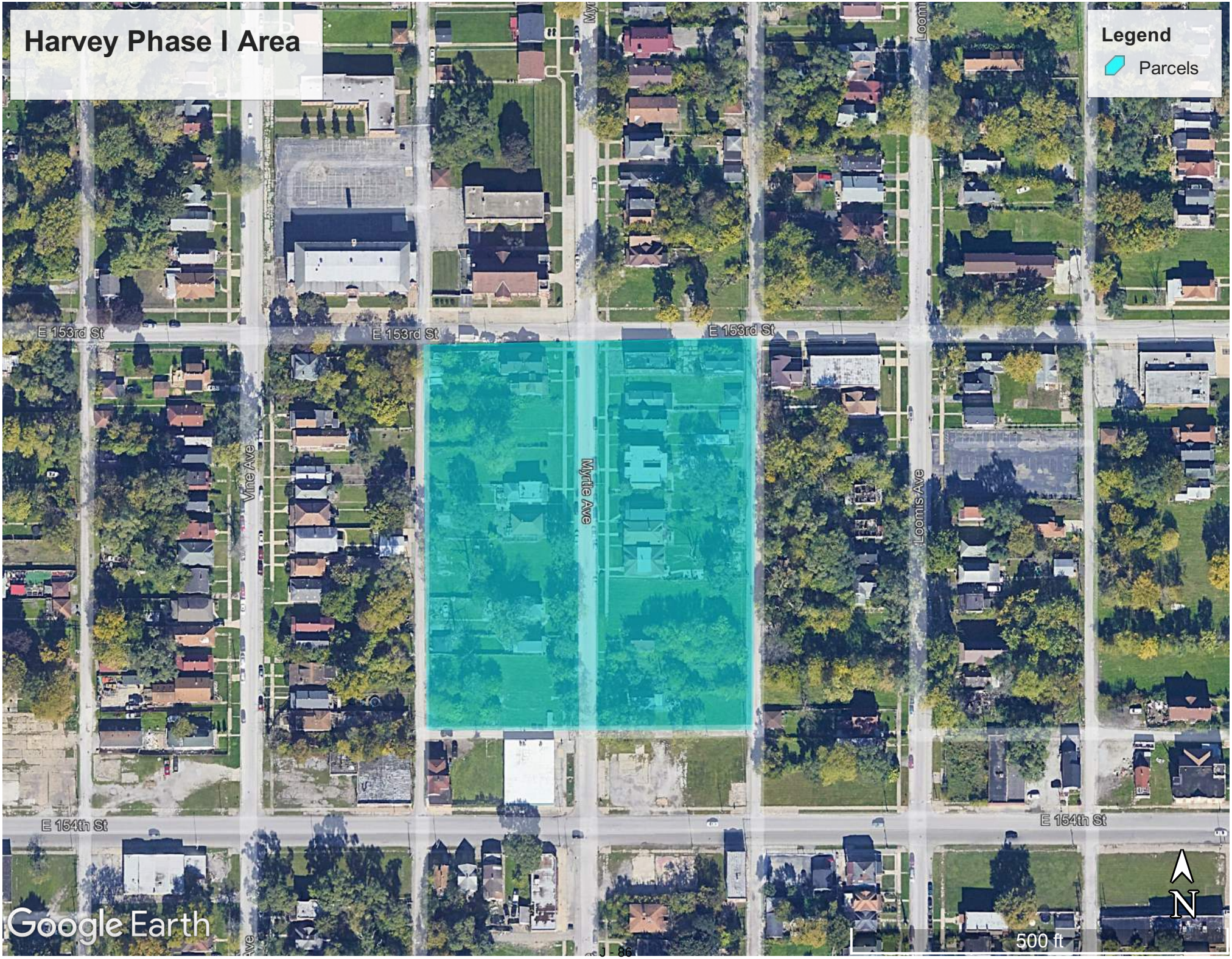
Asbestos Building Inspector ACM Survey/Inspection:

Involved with demolition of abandoned schools in Magnolia and Newman, IL. Inspected Chase Building in Milwaukee and The Omega Building in Indianapolis. In Chicago: The Former Eastman Kodak Buildings, Old Colony Building, 202-220 State Street Buildings, 600 West Jackson, 118 Clinton, Tribune Tower and the Tribune Fleet Maintenance Facility, AMC Theaters in Norridge, IL, and other buildings in Chicago as well as numerous other buildings in the Chicagoland area. In Michigan, 4 Large Hearthside Food Manufacturing Plants; Numerous Burlington Coat Factory stores in IL, MI, WI, and IN. Also involved in turnkey asbestos abatement jobs in the Midwest to include 600 West Jackson in Chicago, Cardinal Health in Waukegan, and Williams Scotsman Facility in Indianapolis.

Radiological Soil Screening Surveys:

Performed long term radiological soil screening surveys, subsequent removal and reporting to EPA associated with developments in the Streeterville area of Chicago for Moment Luxury High Rise Building at McClurg, Tribune Tower parking lots and the EMC2 Hotel at 228 Ontario. Work involved obtaining permits with the Cook County Department of Health and the Cook County Department of Transportation, screening soils from project inception through caisson installation, right of way utility installation to final planter box and sidewalk installation, then preparing final reports to the EPA.

Appendix D
User Provided Documents


Harvey Phase I Area
Legend
Parcels
E 153rd St
E 153rd St
E 153rd St
Vine Ave
Myrtle Ave
Loomis Ave
E 154th St
E 154th St
N
500 ft
Google Earth

Appendix E
Radius Map Report

DATABASE REPORT

Project Property:	*2023_0731-Residential Property 15300-15337 Myrtle Ave Harvey, IL 60426* *15300 Myrtle Ave* *Harvey IL 60426*
Project No:	*2023_0731-Residential Property 15300-15337 Myrtle Ave Harvey, IL 60426*
Report Type:	*Database Report*
Order No:	*23081101157*
Requested by:	*A3 Environmental, LLC*
Date Completed:	*August 14, 2023*

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

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Executive Summary

Property Information:

Project Property:	*2023_0731-Residential Property 15300-15337 Myrtle Ave Harvey, IL 60426* *15300 Myrtle Ave Harvey IL 60426*
Project No:	*2023_0731-Residential Property 15300-15337 Myrtle Ave Harvey, IL 60426*

Coordinates:

Latitude:	*41.61097576*
Longitude:	*-87.65270703*
UTM Northing:	*4,606,790.49*
UTM Easting:	*445,616.23*
UTM Zone:	*UTM Zone 16T*

Elevation: *604 FT*

Order Information:

Order No:	*23081101157*
Date Requested:	*August 11, 2023*
Requested by:	*A3 Environmental, LLC*
Report Type:	*Database Report*

Historicals/Products:

Aerial Photographs	*Historical Aerials (with Project Boundaries)*
City Directory Search	*CD - 2 Street Search*
ERIS Xplorer	*ERIS Xplorer*
Excel Add-On	*Excel Add-On*
Fire Insurance Maps	*US Fire Insurance Maps*
Physical Setting Report (PSR)	*Physical Setting Report (PSR)*
Topographic Map	*Topographic Maps*

Executive Summary: Report Summary

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
Standard Environmental Records								
Federal								
NPL	Y	1	0	0	0	0	0	0
PROPOSED NPL	Y	1	0	0	0	0	0	0
DELETED NPL	Y	0.5	0	0	0	0	-	0
SEMS	Y	0.5	0	0	0	0	-	0
SEMS ARCHIVE	Y	0.5	0	0	0	0	-	0
ODI	Y	0.5	0	0	0	0	-	0
IODI	Y	0.5	0	0	0	0	-	0
CERCLIS	Y	0.5	0	0	0	0	-	0
CERCLIS NFRAP	Y	0.5	0	0	0	0	-	0
CERCLIS LIENS	Y	PO	0	-	-	-	-	0
RCRA CORRACTS	Y	1	0	0	0	0	**1**	**1**
RCRA TSD	Y	0.5	0	0	0	0	-	0
RCRA LQG	Y	0.25	0	0	0	-	-	0
RCRA SQG	Y	0.25	0	0	0	-	-	0
RCRA VSQG	Y	0.25	0	0	0	-	-	0
RCRA NON GEN	Y	0.25	0	0	**1**	-	-	**1**
RCRA CONTROLS	Y	0.5	0	0	0	0	-	0
FED ENG	Y	0.5	0	0	0	0	-	0
FED INST	Y	0.5	0	0	0	0	-	0
LUCIS	Y	0.5	0	0	0	0	-	0
NPL IC	Y	0.5	0	0	0	0	-	0
ERNS 1982 TO 1986	Y	PO	0	-	-	-	-	0
ERNS 1987 TO 1989	Y	PO	0	-	-	-	-	0
ERNS	Y	PO	0	-	-	-	-	0
FED BROWNFIELDS	Y	0.5	0	0	0	0	-	0
FEMA UST	Y	0.25	0	0	0	-	-	0
FRP	Y	0.25	0	0	0	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
DELISTED FRP	Y	0.25	0	0	0	-	-	0
HIST GAS STATIONS	Y	0.25	0	0	0	-	-	0
REFN	Y	0.25	0	0	0	-	-	0
BULK TERMINAL	Y	0.25	0	0	0	-	-	0
SEMS LIEN	Y	PO	0	-	-	-	-	0
SUPERFUND ROD	Y	1	0	0	0	0	0	0
DOE FUSRAP	Y	1	0	0	0	0	0	0
State								
SSU	Y	1	0	0	0	0	**1**	**1**
DELISTED SSU	Y	1	0	0	0	0	0	0
SWF/LF	Y	0.5	0	0	0	0	-	0
SWF/LF SPECIAL	Y	0.5	0	0	0	0	-	0
NIPC	Y	0.5	0	0	0	0	-	0
CCDD	Y	0.5	0	0	0	0	-	0
LUST	Y	0.5	0	0	**1**	**17**	-	**18**
LUST DOCUMENT	Y	0.5	0	0	**1**	**10**	-	**11**
DELISTED LUST	Y	0.5	0	0	0	0	-	0
LUST TRUST	Y	0.5	0	0	0	0	-	0
UST	Y	0.25	0	0	**1**	-	-	**1**
AST	Y	0.25	0	0	0	-	-	0
DELISTED TANK	Y	0.25	0	0	0	-	-	0
ENG	Y	0.5	0	0	0	0	-	0
INST	Y	0.5	0	0	0	0	-	0
AUL	Y	0.5	0	0	0	0	-	0
SRP	Y	0.5	0	0	**1**	0	-	**1**
REM ASSESS	Y	0.5	0	0	**1**	0	-	**1**
BROWNFIELDS	Y	0.5	0	0	0	0	-	0
BROWN MBRGP	Y	0.5	0	0	**1**	0	-	**1**
Tribal								
INDIAN LUST	Y	0.5	0	0	0	0	-	0
INDIAN UST	Y	0.25	0	0	0	-	-	0
DELISTED INDIAN LST	Y	0.5	0	0	0	0	-	0
DELISTED INDIAN UST	Y	0.25	0	0	0	-	-	0
County								

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
TANKS CHICAGO	Y	0.25	0	0	0	-	-	0
PERMITS CHICAGO	Y	0.125	0	0	-	-	-	0

Additional Environmental Records

Federal

FINDS/FRS	Y	PO	**1**	-	-	-	-	**1**
TRIS	Y	PO	0	-	-	-	-	0
PFAS NPL	Y	0.5	0	0	0	0	-	0
PFAS FED SITES	Y	0.5	0	0	0	0	-	0
PFAS SSEHRI	Y	0.5	0	0	0	0	-	0
ERNS PFAS	Y	0.5	0	0	0	0	-	0
PFAS NPDES	Y	0.5	0	0	0	0	-	0
PFAS TRI	Y	0.5	0	0	0	0	-	0
PFAS WATER	Y	0.5	0	0	0	0	-	0
PFAS TSCA	Y	0.5	0	0	0	0	-	0
PFAS E-MANIFEST	Y	0.5	0	0	0	0	-	0
PFAS IND	Y	0.5	0	0	0	0	-	0
HMIRS	Y	0.125	0	0	-	-	-	0
NCDL	Y	0.125	0	0	-	-	-	0
TSCA	Y	0.125	0	0	-	-	-	0
HIST TSCA	Y	0.125	0	0	-	-	-	0
FTTS ADMIN	Y	PO	0	-	-	-	-	0
FTTS INSP	Y	PO	0	-	-	-	-	0
PRP	Y	PO	0	-	-	-	-	0
SCRD DRYCLEANER	Y	0.5	0	0	0	0	-	0
ICIS	Y	PO	0	-	-	-	-	0
FED DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED FED DRY	Y	0.25	0	0	0	-	-	0
FUDS	Y	1	0	0	0	0	0	0
FUDS MRS	Y	1	0	0	0	0	0	0
FORMER NIKE	Y	1	0	0	0	0	0	0
PIPELINE INCIDENT	Y	PO	0	-	-	-	-	0
MLTS	Y	PO	0	-	-	-	-	0
HIST MLTS	Y	PO	0	-	-	-	-	0
MINES	Y	0.25	0	0	0	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
SMCRA	Y	1	0	0	0	0	0	0
MRDS	Y	1	0	0	0	0	0	0
LM SITES	Y	1	0	0	0	0	0	0
ALT FUELS	Y	0.25	0	0	0	-	-	0
CONSENT DECREES	Y	0.25	0	0	0	-	-	0
AFS	Y	PO	0	-	-	-	-	0
SSTS	Y	0.25	0	0	0	-	-	0
PCBT	Y	0.5	0	0	0	0	-	0
PCB	Y	0.5	0	0	0	0	-	0
State								
SPILLS	Y	0.125	0	0	-	-	-	0
SPILL OER	Y	0.125	0	0	-	-	-	0
PFAS	Y	0.5	0	0	0	0	-	0
DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED DRYCLEANERS	Y	0.25	0	0	0	-	-	0
IEPA DOCS	Y	PO	0	-	-	-	-	0
CDL	Y	0.25	0	0	0	-	-	0
TIER 2	Y	0.125	0	0	-	-	-	0
AIR PERMITS	Y	0.25	0	0	**1**	-	-	**1**
UIC	Y	PO	0	-	-	-	-	0
MEDICAL WASTE	Y	0.25	0	0	0	-	-	0
COMPOST	Y	0.5	0	0	0	0	-	0
Tribal	***No Tribal additional environmental record sources available for this State.***							
County	***No County additional environmental record sources available for this State.***							
Total:			***1***	*0*	***8***	***27***	***2***	***38***

**** PO – Property Only***
**** 'Property and adjoining properties' database search radii are set at 0.25 miles.***

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
1	FINDS/FRS	15333 MYRTLE	15333 MYRTLE HARVEY IL 60515 **Registry ID:** *110061090607*	SE	0.00 / 0.00	0	22

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
2	AIR PERMITS	Whittier School-Dist 152	71 E 152nd St Harvey IL 60426	NNE	0.13 / 695.94	-1	22
3	UST	City of Harvey	15334 S. Ashland AVe. Harvey, IL 60428 IL ***Facility No | Facility Status:*** 2010157 | Closed ***Tank No | Status | Removed Date:*** 2 | Removed | 6/12/2002, 1 | Removed | 6/12/2002, 3 | Removed | 6/12/2002, 4 | Removed | 6/12/2002	W	0.14 / 755.80	0	23
4	LUST	Harvey, City of	7 W 154th St. Harvey IL 60426 ***Incident No | Incidents ID | NFR Date:*** 20020844 | 2417 |	WSW	0.14 / 762.40	0	24
5	RCRA NON GEN	MODERN WAY DRY CLEANERS	6 W 154TH ST HARVEY IL 60426 ***EPA Handler ID:*** ILD113096184	WSW	0.15 / 767.05	0	25
6	BROWN MBRGP	154th & Ashland	15434 Ashland Harvey IL	SW	0.17 / 908.75	1	26
6	SRP	Harvey, City of	15434 South Ashland Avenue Harvey IL 60426	SW	0.17 / 908.75	1	27
6	LUST DOCUMENT	Harvey, City of	15434 S Ashland Harvey IL 60426	SW	0.17 / 908.75	1	27
6	REM ASSESS	Harvey, City of	15434 S Ashland Harvey IL 60426	SW	0.17 / 908.75	1	27
7	LUST	Harvey, City of	15440 Center Street Harvey IL 60426 ***Incident No | Incidents ID | NFR Date:*** 20040847 | 3586 |	ESE	0.32 / 1,671.50	-2	28
7	LUST	Harvey, City of Public Works Department	15440 Center Street Harvey IL 60426 ***Incident No | Incidents ID | NFR Date:*** 20040848 | 3587 |	ESE	0.32 / 1,671.50	-2	28
8	LUST	Illinois Bell Telephone	15321 Center Harvey IL 60426 ***Incident No | Incidents ID | NFR Date:*** 903424 | 9655 | 04/23/1993	E	0.32 / 1,701.62	0	29
8	LUST DOCUMENT	Il Bell	15321 Center Harvey IL 60426	E	0.32 / 1,701.62	0	29

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
9	LUST DOCUMENT	USPS Harvey	15441 Center Ave Harvey IL 60426	ESE	0.34 / 1,783.60	-2	30
10	LUST	Harvey, City of	194 East 154th Street Harvey IL 60426	E	0.36 / 1,902.79	-2	30
			Incident No | Incidents ID | NFR Date: 20040787 | 3567 |				
10	LUST DOCUMENT	Harvey, City of	194 E 154th St Harvey IL 60426	E	0.36 / 1,902.79	-2	30
11	LUST DOCUMENT	Pace - 170000456389	209 E 154th St Harvey IL 60421	E	0.39 / 2,061.52	-2	31
12	LUST	Harvey, City of	15321 Broadway Harvey IL 60426	E	0.40 / 2,107.50	0	31
			Incident No | Incidents ID | NFR Date: 942687 | 17618 | 06/11/2002				
12	LUST DOCUMENT	Harvey City Of	15321 Broadway Harvey IL 60426	E	0.40 / 2,107.50	0	32
13	LUST DOCUMENT	CSX Transportation Inc	Park Ave Mm 125.5 Harvey IL 60426	E	0.40 / 2,112.45	-2	32
14	LUST	Pace Suburban Bus Division	15320-28 Main St. Harvey IL 60426	E	0.47 / 2,463.33	1	32
			Incident No | Incidents ID | NFR Date: 912388 | 11371 | 09/23/1996				
14	LUST	Pace Suburban Bus	15320-15328 Main St. Harvey IL 60426	E	0.47 / 2,463.33	1	33
			Incident No | Incidents ID | NFR Date: 960170 | 18956 |				
14	LUST DOCUMENT	Pace Saburban Bus Div	15320-28 Main St Harvey IL 60624	E	0.47 / 2,463.33	1	33
15	LUST	Harvey Millwork Co.	15214 Main St. Harvey IL 60426	E	0.47 / 2,463.75	3	34
			Incident No | Incidents ID | NFR Date: 913333 | 11974 | 02/10/1992				
15	LUST DOCUMENT	Harvey Millwork Co	15214 Main St Harvey IL 60426	E	0.47 / 2,463.75	3	34
16	LUST	Harris Hub Co.	15600 South Commercial Ave. Harvey IL 60426	ESE	0.48 / 2,556.64	1	34
			Incident No | Incidents ID | NFR Date: 903450 | 9671 |				
16	LUST	Harris Hub Co.	15600 Commercial Ave. Harvey IL 60426	ESE	0.48 / 2,556.64	1	35

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			Incident No | Incidents ID | NFR Date: 903188 | 9398 |				
16	LUST	Harris Hub Co.	15600 Commercial Ave. Harvey IL 60426	ESE	0.48 / 2,556.64	1	35
			Incident No | Incidents ID | NFR Date: 902643 | 9048 |				
16	LUST	Harvey, City of	15600 Center Ave. Harvey IL 60426	ESE	0.48 / 2,556.64	1	36
			Incident No | Incidents ID | NFR Date: 942686 | 17617 | 05/09/2002				
16	LUST DOCUMENT	Harvey Processing Inc	15600 SCommercial Harvey IL 60426	ESE	0.48 / 2,556.64	1	36
16	LUST DOCUMENT	Harvey, City Of - 170000456664	15600 Center Ave Harvey IL 60426	ESE	0.48 / 2,556.64	1	37
17	LUST	Harvey, City of	15001 South Page Ave. Harvey IL 60426	NW	0.49 / 2,585.11	0	37
			Incident No | Incidents ID | NFR Date: 20010607 | 1481 |				
17	LUST	Harvey, City of	15001 South Page Harvey IL 60426	NW	0.49 / 2,585.11	0	37
			Incident No | Incidents ID | NFR Date: 900814 | 7939 |				
18	LUST	Grand Trunk Western Railroad Co.	15401 South Commercial Harvey IL 60426	ESE	0.50 / 2,629.64	-2	38
			Incident No | Incidents ID | NFR Date: 982735 | 22730 |				
18	LUST	Grand Trunk Western Railroad Co.	15401 South Commercial Ave. Harvey IL 60426	ESE	0.50 / 2,629.64	-2	38
			Incident No | Incidents ID | NFR Date: 991209 | 23793 |				
18	LUST	Grand Trunk Western Railroad Co.	15401 South Commercial Ave. Harvey IL 60426	ESE	0.50 / 2,629.64	-2	39
			Incident No | Incidents ID | NFR Date: 982083 | 22374 |				
19	RCRA CORRACTS	LB STEEL	15700 S LATHROP AVE HARVEY IL 60426	ESE	0.60 / 3,169.85	0	39
			EPA Handler ID: ILD005119888				
20	SSU	Allied Tube & Conduit Corporation, Inc.	16001 South Center Street Harvey IL 60426	SSE	0.90 / 4,740.44	6	43
			Site ID | SSU Status: 0311115201 | Active				

Executive Summary: Summary by Data Source

Standard

Federal

RCRA CORRACTS - RCRA CORRACTS-Corrective Action

A search of the RCRA CORRACTS database, dated Apr 24, 2023 has found that there are 1 RCRA CORRACTS site(s) within approximately 1.00 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
LB STEEL	15700 S LATHROP AVE HARVEY IL 60426	ESE	0.60 / 3,169.85	19
	***EPA Handler ID**: ILD005119888*			

RCRA NON GEN - RCRA Non-Generators

A search of the RCRA NON GEN database, dated Apr 24, 2023 has found that there are 1 RCRA NON GEN site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
MODERN WAY DRY CLEANERS	6 W 154TH ST HARVEY IL 60426	WSW	0.15 / 767.05	5
	***EPA Handler ID**: ILD113096184*			

State

SSU - State Response Action Program Database

A search of the SSU database, dated May 4, 2023 has found that there are 1 SSU site(s) within approximately 1.00 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
Allied Tube & Conduit Corporation, Inc.	16001 South Center Street Harvey IL 60426	SSE	0.90 / 4,740.44	20
	***Site ID**	**SSU Status**: 0311115201	Active*		

LUST - Leaking Underground Storage Tanks (LUST)

A search of the LUST database, dated Apr 25, 2023 has found that there are 18 LUST site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
Harvey, City of	7 W 154th St. Harvey IL 60426	WSW	0.14 / 762.40	4
	***Incident No**	**Incidents ID**	**NFR Date**: 20020844	2417 |*			
Pace Suburban Bus Division	15320-28 Main St. Harvey IL 60426	E	0.47 / 2,463.33	14

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
	***Incident No | Incidents ID | NFR Date**: 912388 | 11371 | 09/23/1996*			
Pace Suburban Bus	15320-15328 Main St. Harvey IL 60426	E	0.47 / 2,463.33	14
	***Incident No | Incidents ID | NFR Date**: 960170 | 18956 |*			
Harvey Millwork Co.	15214 Main St. Harvey IL 60426	E	0.47 / 2,463.75	15
	***Incident No | Incidents ID | NFR Date**: 913333 | 11974 | 02/10/1992*			
Harris Hub Co.	15600 Commercial Ave. Harvey IL 60426	ESE	0.48 / 2,556.64	16
	***Incident No | Incidents ID | NFR Date**: 902643 | 9048 |*			
Harris Hub Co.	15600 Commercial Ave. Harvey IL 60426	ESE	0.48 / 2,556.64	16
	***Incident No | Incidents ID | NFR Date**: 903188 | 9398 |*			
Harris Hub Co.	15600 South Commercial Ave. Harvey IL 60426	ESE	0.48 / 2,556.64	16
	***Incident No | Incidents ID | NFR Date**: 903450 | 9671 |*			
Harvey, City of	15600 Center Ave. Harvey IL 60426	ESE	0.48 / 2,556.64	16
	***Incident No | Incidents ID | NFR Date**: 942686 | 17617 | 05/09/2002*			

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
Harvey, City of	15440 Center Street Harvey IL 60426	ESE	0.32 / 1,671.50	7
	***Incident No | Incidents ID | NFR Date**: 20040847 | 3586 |*			
Harvey, City of Public Works Department	15440 Center Street Harvey IL 60426	ESE	0.32 / 1,671.50	7
	***Incident No | Incidents ID | NFR Date**: 20040848 | 3587 |*			
Illinois Bell Telephone	15321 Center Harvey IL 60426	E	0.32 / 1,701.62	8
	***Incident No | Incidents ID | NFR Date**: 903424 | 9655 | 04/23/1993*			
Harvey, City of	194 East 154th Street Harvey IL 60426	E	0.36 / 1,902.79	10
	***Incident No | Incidents ID | NFR Date**: 20040787 | 3567 |*			
Harvey, City of	15321 Broadway Harvey IL 60426	E	0.40 / 2,107.50	12
	***Incident No | Incidents ID | NFR Date**: 942687 | 17618 | 06/11/2002*			
Harvey, City of	15001 South Page Ave. Harvey IL 60426	NW	0.49 / 2,585.11	17
	***Incident No | Incidents ID | NFR Date**: 20010607 | 1481 |*			

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
Harvey, City of	15001 South Page Harvey IL 60426	NW	0.49 / 2,585.11	17
	Incident No* | *Incidents ID* | *NFR Date: *900814* | *7939* |			
Grand Trunk Western Railroad Co.	15401 South Commercial Harvey IL 60426	ESE	0.50 / 2,629.64	18
	Incident No* | *Incidents ID* | *NFR Date: *982735* | *22730* |			
Grand Trunk Western Railroad Co.	15401 South Commercial Ave. Harvey IL 60426	ESE	0.50 / 2,629.64	18
	Incident No* | *Incidents ID* | *NFR Date: *982083* | *22374* |			
Grand Trunk Western Railroad Co.	15401 South Commercial Ave. Harvey IL 60426	ESE	0.50 / 2,629.64	18
	Incident No* | *Incidents ID* | *NFR Date: *991209* | *23793* |			

LUST DOCUMENT - Leaking UST Document

A search of the LUST DOCUMENT database, dated Apr 19, 2023 has found that there are 11 LUST DOCUMENT site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
Harvey, City of	15434 S Ashland Harvey IL 60426	SW	0.17 / 908.75	6
Pace Saburban Bus Div	15320-28 Main St Harvey IL 60624	E	0.47 / 2,463.33	14
Harvey Millwork Co	15214 Main St Harvey IL 60426	E	0.47 / 2,463.75	15
Harvey, City Of - 170000456664	15600 Center Ave Harvey IL 60426	ESE	0.48 / 2,556.64	16
Harvey Processing Inc	15600 SCommercial Harvey IL 60426	ESE	0.48 / 2,556.64	16

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
Il Bell	15321 Center Harvey IL 60426	E	0.32 / 1,701.62	8
USPS Harvey	15441 Center Ave Harvey IL 60426	ESE	0.34 / 1,783.60	9

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
Harvey, City of	194 E 154th St Harvey IL 60426	E	0.36 / 1,902.79	10
Pace - 170000456389	209 E 154th St Harvey IL 60421	E	0.39 / 2,061.52	11
Harvey City Of	15321 Broadway Harvey IL 60426	E	0.40 / 2,107.50	12
CSX Transportation Inc	Park Ave Mm 125.5 Harvey IL 60426	E	0.40 / 2,112.45	13

UST - Underground Storage Tank Database (UST)

A search of the UST database, dated Apr 25, 2023 has found that there are 1 UST site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
City of Harvey	15334 S. Ashland AVe. Harvey, IL 60428 IL ***Facility No | Facility Status***: *2010157 | Closed* ***Tank No | Status | Removed Date***: *2 | Removed | 6/12/2002, 1 | Removed | 6/12/2002, 3 | Removed | 6/12/2002, 4 | Removed | 6/12/2002*	W	0.14 / 755.80	3

SRP - Illinois Site Remediation Program Database

A search of the SRP database, dated Jun 28, 2023 has found that there are 1 SRP site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
Harvey, City of	15434 South Ashland Avenue Harvey IL 60426	SW	0.17 / 908.75	6

REM ASSESS - Document Explorer Remediation and Assessment Sites

A search of the REM ASSESS database, dated Apr 19, 2023 has found that there are 1 REM ASSESS site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
Harvey, City of	15434 S Ashland Harvey IL 60426	SW	0.17 / 908.75	6

BROWN MBRGP - Municipal Brownfields Redevelopment Grant Program (MBRGP) project sites administered through OBA

A search of the BROWN MBRGP database, dated Mar 31, 2013 has found that there are 1 BROWN MBRGP site(s) within

approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
154th & Ashland	15434 Ashland Harvey IL	SW	0.17 / 908.75	6

Non Standard

Federal

FINDS/FRS - Facility Registry Service/Facility Index

A search of the FINDS/FRS database, dated Aug 18, 2022 has found that there are 1 FINDS/FRS site(s) within approximately 0.02 miles of the project property.

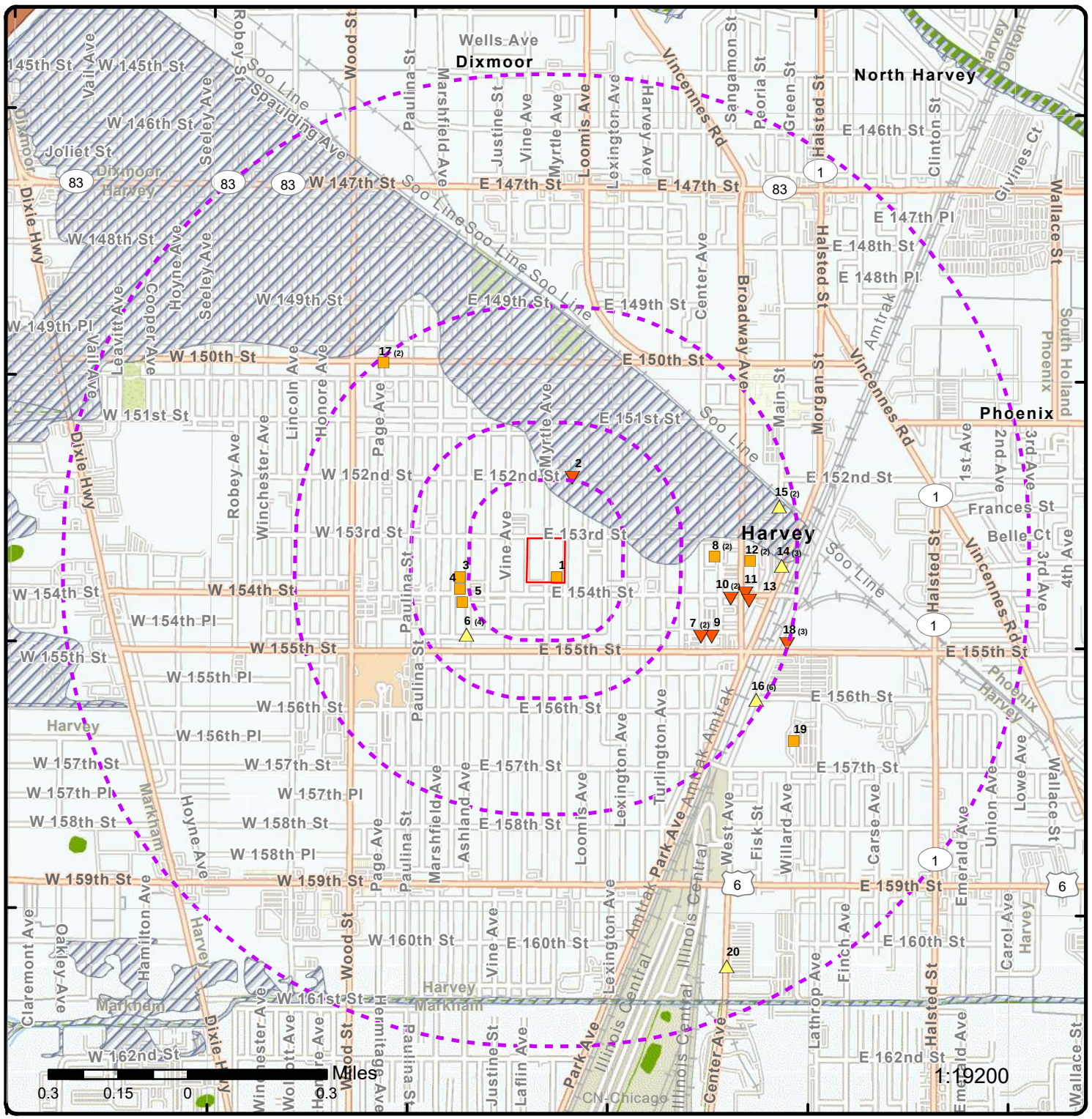
Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
15333 MYRTLE	15333 MYRTLE HARVEY IL 60515 ***Registry ID**: 110061090607*	SE	0.00 / 0.00	1

State

AIR PERMITS - Air Permits

A search of the AIR PERMITS database, dated Apr 19, 2023 has found that there are 1 AIR PERMITS site(s) within approximately 0.25 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
Whittier School-Dist 152	71 E 152nd St Harvey IL 60426	NNE	0.13 / 695.94	2



Map: 1.0 Mile Radius

Order Number: 23081101157

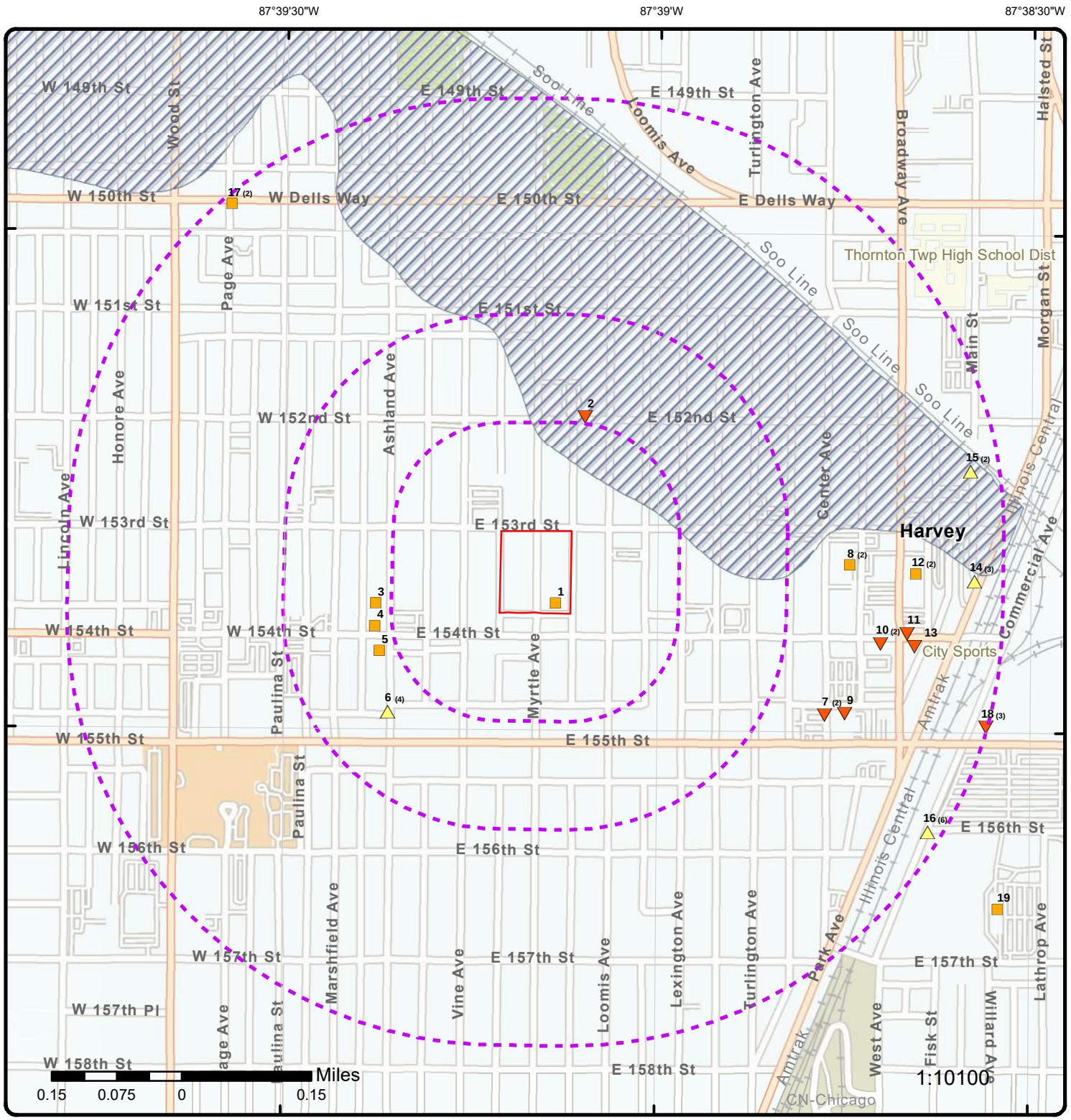
Address: 15300 Myrtle Ave, Harvey, IL

ERIS

- Project Property
- Buffer Outline
- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- Areas with Higher Elevation
- Areas with Same Elevation
- Areas with Lower Elevation
- Areas with Unknown Elevation
- Freeways; Highways
- Traffic Circle; Ramp
- Major & Minor Arterial
- Traffic Circle; Ramp
- Local Road
- Rail
- State
- Country
- National Wetland
- Indian Reserve Land
- Plume
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- National Priorities List (Active, Delisted, Proposed, Institutional Control)

Source: © 2021 ESRI StreetMap Premium

© ERIS Information Inc.



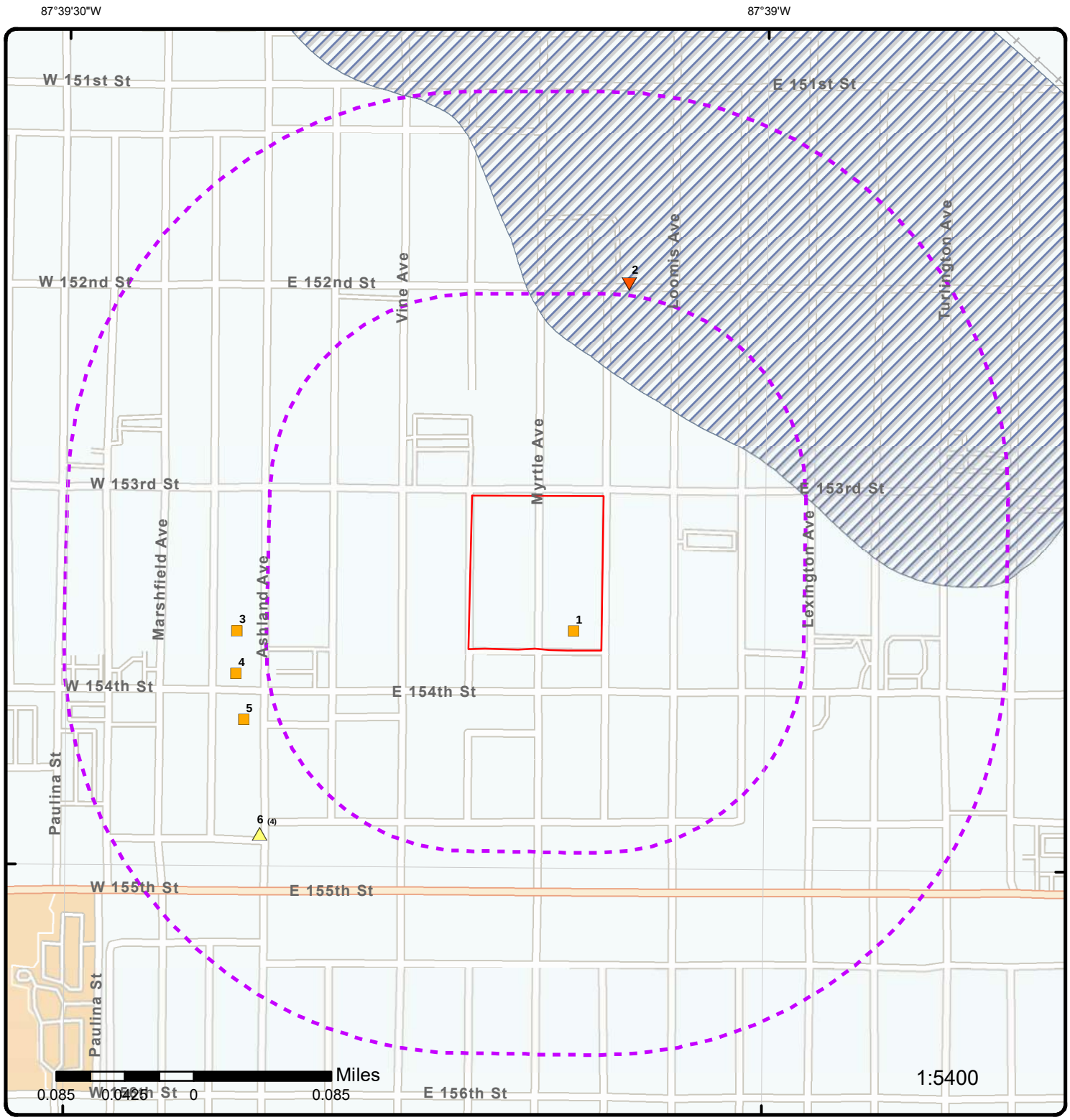
Map: 0.5 Mile Radius

Order Number: 23081101157

Address: 15300 Myrtle Ave, Harvey, IL

- Project Property
- Buffer Outline
- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- Areas with Higher Elevation
- Areas with Same Elevation
- Areas with Lower Elevation
- Areas with Unknown Elevation
- Freeways; Highways
- Traffic Circle; Ramp
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- 100 Year Flood Zone
- 500 Year Flood Zone
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- National Priorities List (Active, Delisted, Proposed, Institutional Control)

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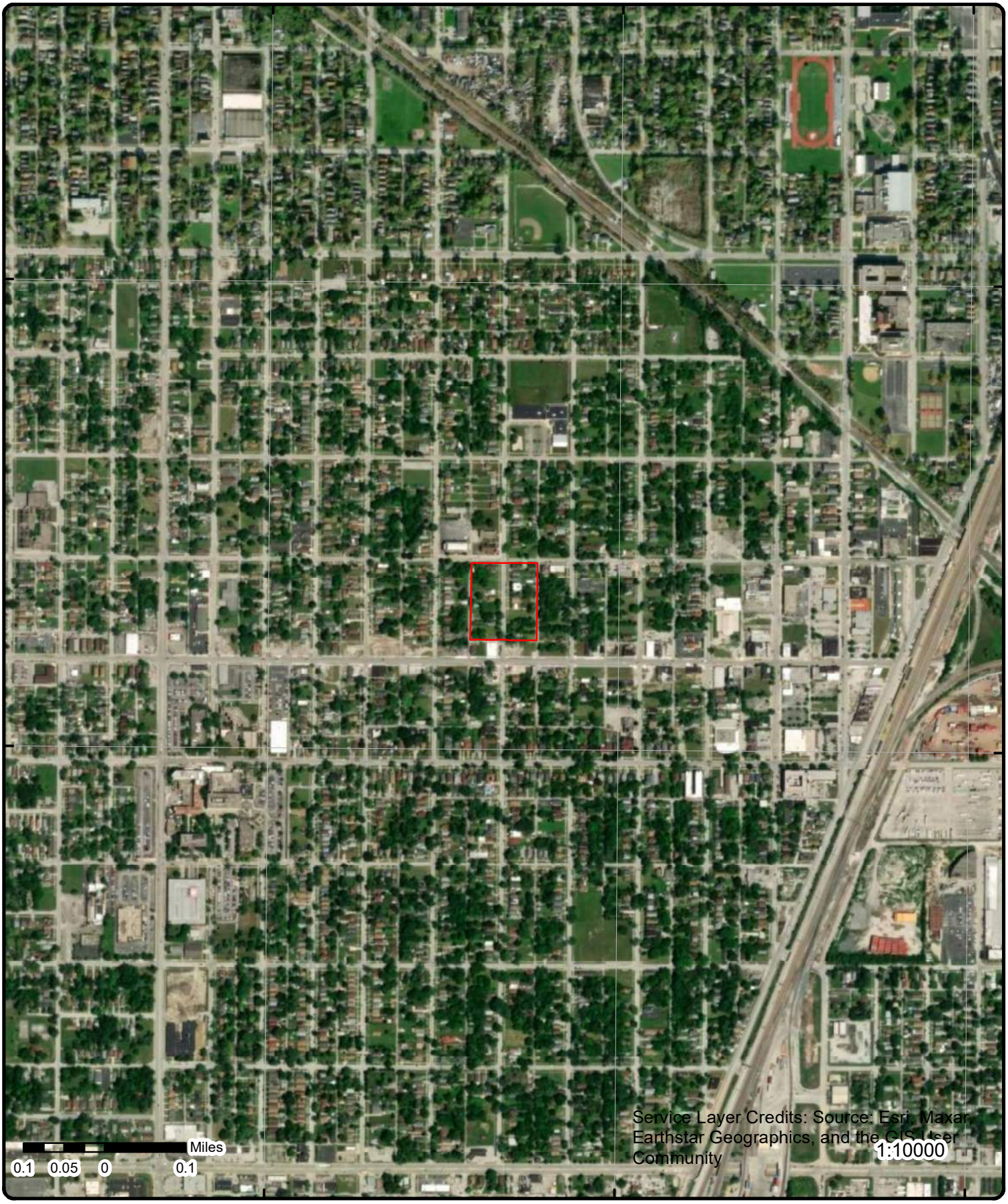


Map: 0.25 Mile Radius

Order Number: 23081101157

Address: 15300 Myrtle Ave, Harvey, IL

- Project Property
- Buffer Outline
- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- Areas with Higher Elevation
- Areas with Same Elevation
- Areas with Lower Elevation
- Areas with Unknown Elevation
- Freeways; Highways
- Traffic Circle; Ramp
- Major & Minor Arterial
- Traffic Circle; Ramp
- Local Road
- Rail
- State
- Country
- National Wetland
- Indian Reserve Land
- Plume
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- National Priorities List (Active, Delisted, Proposed, Institutional Control)



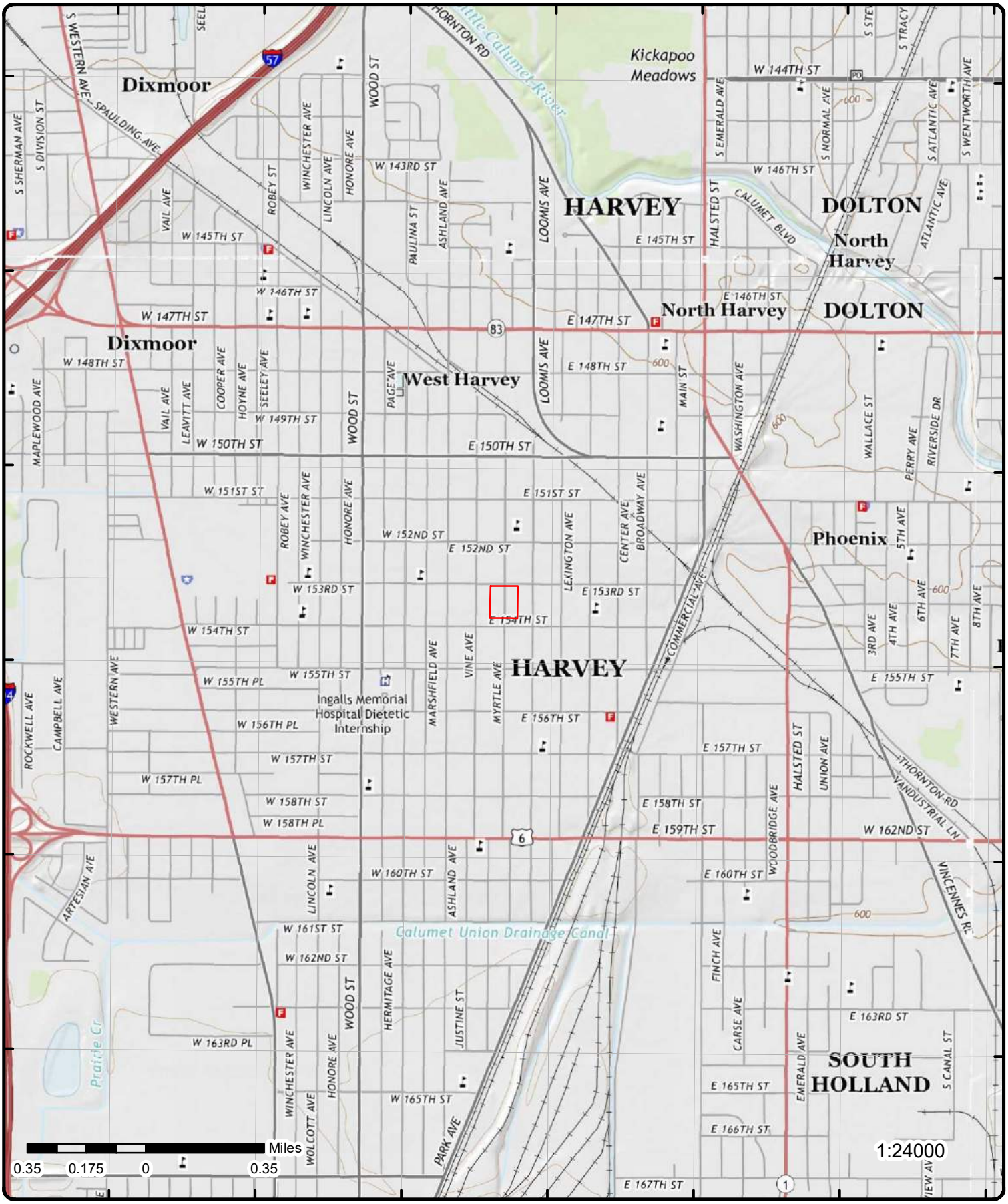
Aerial **Year: 2022**

Order Number: 23081101157

Address: 15300 Myrtle Ave, Harvey, IL

Source: ESRI World Imagery

© ERIS Information Inc.



Topographic Map

Year: 2015

Order Number: 23081101157

Address: 15300 Myrtle Ave, IL

Quadrangle(s): Blue Island, IL; Calumet City, IL; Harvey, IL; Lake Calumet, IL

© ERIS Information Inc.

Source: USGS Topographic Map

Detail Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	1 of 1	SE	0.00 / 0.00	604.03 / 0	15333 MYRTLE 15333 MYRTLE HARVEY IL 60515	FINDS/FRS

Registry ID:	110061090607
FIPS Code:	17031
HUC Code:	07120003
Site Type Name:	STATIONARY
Location Description:	
Supplemental Location:	
Create Date:	16-OCT-14
Update Date:	
Interest Types:	STATE MASTER
SIC Codes:	
SIC Code Descriptions:	
NAICS Codes:	
NAICS Code Descriptions:	
Conveyor:	FRS-GEOCODE
Federal Facility Code:	
Federal Agency Name:	
Tribal Land Code:	
Tribal Land Name:	
Congressional Dist No:	02
Census Block Code:	170318273003009
EPA Region Code:	05
County Name:	COOK
US/Mexico Border Ind:	
Latitude:	41.61045
Longitude:	-87.65268
Reference Point:	CENTER OF A FACILITY OR STATION
Coord Collection Method:	ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value:	30
Datum:	NAD83
Source:	
Facility Detail Rprt URL:	https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110061090607
Data Source:	Facility Registry Service - Single File
Program Acronyms:	

ACES:170002053765

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
2	1 of 1	NNE	0.13 / 695.94	603.37 / -1	Whittier School-Dist 152 71 E 152nd St Harvey IL 60426	AIR PERMITS

Name (Geo Search):	Whittier School-Dist 152
Addr (Geo Search):	71 E 152nd St
City (Geo Search):	Harvey
State (Geo Search):	IL
Postal (Geo Search):	60426
Name (Doc Search):	
Addr (Doc Search):	
City (Doc Search):	
State (Doc Search):	
Zip Code (Doc Search):	
Data Source:	IEPA Document Explorer - Geographic Search
Note:	Documents related to facilities in Illinois can be searched on the Illinois Environmental Protection Agency (IEPA) Document Explorer: https://external.epa.illinois.gov/DocumentExplorer

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

IEPA Mapping Service

Site ID:	170000023301	***Document Indicator:***	No
System ID:	031111ABS	***Latitude:***	41.612534
Interest Type:	PERMIT	***Longitude:***	-87.665747
Media Code:	AIR	***X:***	-87.66574699999995
Revision Date/Time:	06/28/2003	***Y:***	41.61253400000004
Collection Date:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
3	*1 of 1*	*W*	*0.14 / 755.80*	*604.37 / 0*	***City of Harvey*** ***15334 S. Ashland AVe. Harvey, IL 60428*** ***IL***	***UST***

Facility No:	2010157	***Facility Type:***	None
Facility Status:	Closed	***Owner Type:***	
Fac Details Status:	Closed	***Owner Status:***	Current Owner
Fac Type Fac Details:	None	***County:***	Cook
Owner Name:	City of Harvey		
Facility URL:	http://webapps.sfm.illinois.gov/ustsearch/Facility.aspx?ID=2010157		

Tank Information

Tank No:	2	***Capacity:***	6000
Ul No:		***Petroleum Use:***	
Status:	Removed	***Product:***	Gasoline
Removed Date:	6/12/2002	***CERCLA Substance:***	
Install Date:		***Current Age:***	41
Abandoned Date:		***Abandoned Material:***	
Last Used Date:		***Product Date:***	
Red Tag Issue Date:		***Fee Due:***	$0.00
CAS Code:		***Regulated Status:***	Federal
OSFM First Noti Dt:	5/2/1986		

Tank Information

Tank No:	1	***Capacity:***	6000
Ul No:		***Petroleum Use:***	
Status:	Removed	***Product:***	Gasoline
Removed Date:	6/12/2002	***CERCLA Substance:***	
Install Date:		***Current Age:***	41
Abandoned Date:		***Abandoned Material:***	
Last Used Date:		***Product Date:***	
Red Tag Issue Date:		***Fee Due:***	$0.00
CAS Code:		***Regulated Status:***	Federal
OSFM First Noti Dt:	5/2/1986		

Tank Information

Tank No:	3	***Capacity:***	8000
Ul No:		***Petroleum Use:***	
Status:	Removed	***Product:***	Gasoline
Removed Date:	6/12/2002	***CERCLA Substance:***	
Install Date:		***Current Age:***	
Abandoned Date:		***Abandoned Material:***	
Last Used Date:	1/1/1968	***Product Date:***	
Red Tag Issue Date:		***Fee Due:***	
CAS Code:		***Regulated Status:***	Exempt
OSFM First Noti Dt:	6/20/2002		

Tank Information

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Tank No: 4
UI No:
Status: Removed
Removed Date: 6/12/2002
Install Date:
Abandoned Date:
Last Used Date: 1/1/1968
Red Tag Issue Date:
CAS Code:
OSFM First Noti Dt: 6/20/2002

Capacity: 50
Petroleum Use:
Product: Hydraulic Oil
CERCLA Substance:
Current Age:
Abandoned Material:
Product Date:
Fee Due:
Regulated Status: Exempt

Owner Summary

Owner No: U0032060
Owner Name: City of Harvey
Ownership History: http://webapps.sfm.illinois.gov/ustsearch/Ownership.aspx?ID=2010157

Owner Status: Current Owner
Purchase Date:

Owner Details

Owner Name: City of Harvey
Owner Status: Current Owner
Purchase Date:
Owner Address:

Type Financial Resp:
Fin Resp Rpt Due:

Owner Summary

Owner No: U0014115
Owner Name: Snyder Edward
Ownership History: http://webapps.sfm.illinois.gov/ustsearch/Ownership.aspx?ID=2010157

Owner Status: Former Owner
Purchase Date:

IEMA No

Permit No: 00873-2002REM
IEMA No: 02-0844
IEMA Link: https://public.iema.state.il.us/FOIAHazmatSearch/HazmatDetails.aspx

Inspection Date: 6/12/2002
Inspection Type: Removal Log

Facility Details

MFD Forms Status:
MFD Permit Issue Dt:
MFD Permit Exp Dt:
Property Parcel:
Pending Nov: No
Permit History Link: https://webapps.sfm.illinois.gov/USTPortal/Permit/FacilityPermitList/2010157

Green Tag Decal:
Green Tag Issue Date:
Green Tag Exp Date:
Motor Fuel Type:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
4	1 of 1	WSW	0.14 / 762.40	604.36 / 0	Harvey, City of 7 W 154th St. Harvey IL 60426	LUST

Incident No: 20020844
Incidents ID: 2417
NFR Date:
Gasoline: True
Unleaded: False
Diesel: False
Fuel Oil: False
Jet Fuel: False
Used Oil: False
Non Petroleum Prod: False
Other Petroleum: False
Non LUST Date:

LPC No: 0311115134
IEMA Date: 06/12/2002
Regulation: 732
C 20 Day Report Date: 07/09/2002
C 45 Day Report Date: 07/18/2002
NFR Recorded Date:
Pre 74 Date:
Proj Manager Phone:
Proj Mngr First Nm:
Proj Mngr Last Nm: NOT ASSIGNED
Proj Manager Email:
Site County: Cook

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Non LUST Letter Dt:
Heating Oil Letter Date:
Free Product Discovery Date:
Primary Resp Party Name: City of Harvey
Primary Resp Party Address: 15320 Broadway
Primary Resp Party City: Harvey
Primary Resp Party State: IL
Primary Resp Party ZIP: 60426
Primary Resp Party Phone: 7732749297
Primary Resp Party Contact: Rufus A. Fisher, Jr.

5	1 of 1	WSW	0.15 / 767.05	604.35 / 0	MODERN WAY DRY CLEANERS 6 W 154TH ST HARVEY IL 60426	RCRA NON GEN

EPA Handler ID: ILD113096184
Gen Status Universe: No Report
Contact Name:
Contact Address:
Contact Phone No and Ext:
Contact Email:
Contact Country:
County Name: COOK
EPA Region: 05
Land Type:
Receive Date: 20191213
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Apr 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19861014
Handler Name: MODERN WAY DRY CLEANERS
Source Type: Notification
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator

Waste Code Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Hazardous Waste Code: F002
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20191213
Handler Name: MODERN WAY DRY CLEANERS
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Private
Name: HUSSAIN MIKE
Date Became Current:
Date Ended Current:
Phone: 312-555-1212
Source Type: Notification
Street No:
Street 1: ADDRESS NOT REPORTED
Street 2:
City: CITY NOT REPORTED
State: AK
Country:
Zip Code: 99998

Owner/Operator Ind: Current Operator
Type: Private
Name: NAME NOT REPORTED
Date Became Current:
Date Ended Current:
Phone: 312-555-1212
Source Type: Notification
Street No:
Street 1: ADDRESS NOT REPORTED
Street 2:
City: CITY NOT REPORTED
State: AK
Country:
Zip Code: 99998

Historical Handler Details

Receive Dt: 19861014
Generator Code Description: Small Quantity Generator
Handler Name: MODERN WAY DRY CLEANERS

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
6	1 of 4	SW	0.17 / 908.75	604.68 / 1	154th & Ashland 15434 Ashland Harvey IL	BROWN MBRGP

MBRG Site ID: 02801
Planned End Use of Site: Recreation
Population: 30,000
County: Cook
Grant Agreement Date: 4/4/2001
Grant Termination Date: 3/31/2007
Total Grant Amount to Date: $138,172.00
Local Contact: Dreina Lewis
15320 Broadway Ave.
Harvey, IL. 60426-
(708) 210-5300
Eric Kellogg
15320 Broadway Ave.
Harvey, IL. 60426
(708) 210-5300

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
6	2 of 4	SW	0.17 / 908.75	604.68 / 1	Harvey, City of 15434 South Ashland Avenue Harvey IL 60426	SRP

I EPA ID: 0311115134
US EPA ID:
County: Cook
Longitude: -87.656281
Latitude: 41.610102

Site Applicant / Consultant Information

RA Title: Mayor
RA First Name: Nickolas
RA Last Name: Graves
RA Address1: 15320 Broadway Avenue
RA Address2:
RA City: Harvey, IL
RA Zip: 60426
Consultant Contact: Detra Aikens
RA Company: City of Harvey
Consultant Company: A.A. Randl & Associates, Inc.
Received SA Date: 3/25/2002
PM ID: Todd Hall
Foury Letter Date:
Active Site: No
Consultant Address1: 1322 West Chase Avenue
Consultant Address2: Suite 1A
Consultant City: Chicago, IL
Consultant Zip: 60626

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
6	3 of 4	SW	0.17 / 908.75	604.68 / 1	Harvey, City of 15434 S Ashland Harvey IL 60426	LUST DOCUMENT

Site ID: 170000456931
System ID: 0311115134
Program ID: 0311115134
Interest Type: LUST
Media Code: LAND
Category: Leaking UST Technical
Document Indicator: Yes
Document Count: 2
Total Pages: 2
Revision Date Time: 08/10/2007
Collection Date: 01/01/2001
Name (Doc Search): Harvey, City of - 170000456931
Addr (Doc Search): 15434 S Ashland
Name (Geo Search): Harvey, City of
Addr (Geo Search): 15434 S Ashland
Category URL: https://docuware67.illinois.gov/DocuWare/PlatformRO/WebClient/3/Integration?lc=VXNlcj1kd3B1YmxpY1xuUHdkPU4xbWRhJHRyYXRvclBANTU1&p=RLV&rl=ce728c9a-11c1-4ddf-9003-314169ab1943&tw=Results&q=W0lFUEFJRF09IjE3MDAwMDQ1NjkzMSIgQU5EIFtDQVRFR09SWV09IjIxQSI1
Data Source: IEPA Document Explorer - Facility/Site Search; IEPA Document Explorer - Geographic Search
Note: Documents related to facilities in Illinois can be searched on the Illinois Environmental Protection Agency (IEPA) Document Explorer: https://external.epa.illinois.gov/DocumentExplorer
Originating Bureau: Bureau of Land
City (Doc Search): Harvey
State (Doc Search): IL
Zip (Doc Search): 60426
City (Geo Search): Harvey
State (Geo Search): IL
Zip (Geo Search): 60426
Latitude: 41.60935
Longitude: -87.65626
X: -87.65625999999997
Y: 41.60935000000006

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
6	4 of 4	SW	0.17 / 908.75	604.68 / 1	Harvey, City of 15434 S Ashland Harvey IL 60426	REM ASSESS

Name (SWAP): Harvey, City of
Address (SWAP): 15434 S Ashland
City (SWAP): Harvey
State (SWAP): IL
Postal Code (SWAP): 60426
Name(Doc Expl): Harvey, City of - 170000456931
Address (Doc Expl): 15434 S Ashland
City (Doc Expl): Harvey
State (Doc Expl): IL
Zip (Doc Expl): 60426
Data Source(s): IEPA Document Explorer - Facility/Site Search; IEPA Document Explorer - Geographic Search
Note: Documents related to facilities in Illinois can be search on the Illinois Environmental Protection Agency (IEPA) Document Explorer: https://external.epa.illinois.gov/DocumentExplorer

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

IEPA Document Explorer

Site ID:	170000456931	***Originating Bureau:***	Bureau of Land
Program ID:	0311115134	***Document Count:***	9
Category:	Site Remediation - Technical	***Total Pages:***	85
Category URL:	https://docuware67.illinois.gov/DocuWare/PlatformRO/WebClient/3/Integration?lc=VXNlcj1kd3B1YmxpY1xuUHdkPU4xbWRhJHRyYXRvclBANTU1&p=RLV&rl=ce728c9a-11c1-4ddf-9003-314169ab1943&tw=Results&q=W0lFUEFJRF09IjE3MDAwMDQ1NjkzMSIgQU5EIFtDQVRFR09SWV09IjMxQSI1		

IEPA Docuware (SWAP)

Site ID:	170000456931	***Document Indicator:***	Yes
System ID:	0311115134	***Latitude:***	41.610102
Interest Type:	BOL	***Longitude:***	-87.656281
Media Code:	LAND	***X:***	-87.65628099999998
Collection Date:	01/31/2012	***Y:***	41.61010200000004
Revision Date/Time:	08/10/2007		

IEPA Docuware (SWAP)

Site ID:	170000456931	***Document Indicator:***	Yes
System ID:	0311115134	***Latitude:***	41.6101
Interest Type:	VSRU	***Longitude:***	-87.65628
Media Code:	LAND	***X:***	-87.65627999999998
Collection Date:	03/25/2002	***Y:***	41.610100000000045
Revision Date/Time:	08/10/2007		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
7	1 of 2	ESE	0.32 / 1,671.50	602.06 / -2	***Harvey, City of*** ***15440 Center Street*** ***Harvey IL 60426***	***LUST***

Incident No:	20040847	***LPC No:***	0311115117
Incidents ID:	3586	***IEMA Date:***	06/14/2004
NFR Date:		***Regulation:***	P.A.
Gasoline:	False	***C 20 Day Report Date:***	
Unleaded:	False	***C 45 Day Report Date:***	
Diesel:	False	***NFR Recorded Date:***	
Fuel Oil:	False	***Pre 74 Date:***	
Jet Fuel:	False	***Proj Manager Phone:***	
Used Oil:	False	***Proj Mngr First Nm:***	Scott
Non Petroleum Prod:	False	***Proj Mngr Last Nm:***	McGill
Other Petroleum:	True	***Proj Manager Email:***	
Non LUST Date:		***Site County:***	Cook
Non LUST Letter Dt:			
Heating Oil Letter Date:	08/03/2004		
Free Product Discovery Date:			
Primary Resp Party Name:	City of Harvey		
Primary Resp Party Address:	15320 Broadway Avenue		
Primary Resp Party City:	Harvey		
Primary Resp Party State:	IL		
Primary Resp Party ZIP:	60426		
Primary Resp Party Phone:	7083317720		
Primary Resp Party Contact:	Rufus Fisher		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
7	2 of 2	ESE	0.32 / 1,671.50	602.06 / -2	***Harvey, City of Public Works Department*** ***15440 Center Street*** ***Harvey IL 60426***	***LUST***

Incident No:	20040848	***LPC No:***	0311115117
Incidents ID:	3587	***IEMA Date:***	06/14/2004
NFR Date:		***Regulation:***	P.A.
Gasoline:	False	***C 20 Day Report Date:***	
Unleaded:	False	***C 45 Day Report Date:***	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Diesel:	False		**NFR Recorded Date:**		
Fuel Oil:	True		**Pre 74 Date:**		
Jet Fuel:	False		**Proj Manager Phone:**		
Used Oil:	False		**Proj Mngr First Nm:**	Scott	
Non Petroleum Prod:	False		**Proj Mngr Last Nm:**	McGill	
Other Petroleum:	False		**Proj Manager Email:**		
Non LUST Date:			**Site County:**	Cook	
Non LUST Letter Dt:					
Heating Oil Letter Date:	08/03/2004				
Free Product Discovery Date:					
Primary Resp Party Name:	Harvey Public Works Department				
Primary Resp Party Address:	15320 Broadway Avenue				
Primary Resp Party City:	Harvey				
Primary Resp Party State:	IL				
Primary Resp Party ZIP:	60426				
Primary Resp Party Phone:	7082105403				
Primary Resp Party Contact:	Rufus Fisher				

8	***1 of 2***	***E***	***0.32 / 1,701.62***	***603.68 / 0***	***Illinois Bell Telephone 15321 Center Harvey IL 60426***	***LUST***

Incident No:	903424	**LPC No:**	0311115055
Incidents ID:	9655	**IEMA Date:**	11/16/1990
NFR Date:	04/23/1993	**Regulation:**	731
Gasoline:	False	**C 20 Day Report Date:**	02/29/1992
Unleaded:	False	**C 45 Day Report Date:**	02/29/1992
Diesel:	False	**NFR Recorded Date:**	
Fuel Oil:	True	**Pre 74 Date:**	
Jet Fuel:	False	**Proj Manager Phone:**	
Used Oil:	False	**Proj Mngr First Nm:**	Russ
Non Petroleum Prod:	False	**Proj Mngr Last Nm:**	Irwin
Other Petroleum:	False	**Proj Manager Email:**	
Non LUST Date:		**Site County:**	Cook
Non LUST Letter Dt:			
Heating Oil Letter Date:			
Free Product Discovery Date:			
Primary Resp Party Name:	Illinois Bell Telephone		
Primary Resp Party Address:	900 North Villa		
Primary Resp Party City:	Villa Park		
Primary Resp Party State:	IL		
Primary Resp Party ZIP:	60181		
Primary Resp Party Phone:			
Primary Resp Party Contact:	Thomas Scheer		

8	***2 of 2***	***E***	***0.32 / 1,701.62***	***603.68 / 0***	***Il Bell 15321 Center Harvey IL 60426***	***LUST DOCUMENT***

Site ID:	170000456414	**Originating Bureau:**	
System ID:	0311115055	**City (Doc Search):**	
Program ID:		**State (Doc Search):**	
Interest Type:	LUST	**Zip (Doc Search):**	
Media Code:	LAND	**City (Geo Search):**	Harvey
Category:		**State (Geo Search):**	IL
Document Indicator:	No	**Zip (Geo Search):**	60426
Document Count:		**Latitude:**	41.61145
Total Pages:		**Longitude:**	-87.64629
Revision Date Time:	06/30/2003	**X:**	-87.64628999999996
Collection Date:	01/01/2001	**Y:**	41.61145000000005
Name (Doc Search):			
Addr (Doc Search):			
Name (Geo Search):	Il Bell		
Addr (Geo Search):	15321 Center		
Category URL:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Data Source: IEPA Document Explorer - Geographic Search
Note: Documents related to facilities in Illinois can be searched on the Illinois Environmental Protection Agency (IEPA) Document Explorer: https://external.epa.illinois.gov/DocumentExplorer

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9 | **1 of 1** | **ESE** | **0.34 / 1,783.60** | **602.06 / -2** | **USPS Harvey**
15441 Center Ave
Harvey IL 60426 | **LUST DOCUMENT**

Site ID:	170000182585	**Originating Bureau:**	Bureau of Land
System ID:	0311115117	**City (Doc Search):**	Harvey
Program ID:	0311115117	**State (Doc Search):**	IL
Interest Type:	LUST	**Zip (Doc Search):**	60426
Media Code:	LAND	**City (Geo Search):**	Harvey
Category:	Leaking UST Technical	**State (Geo Search):**	IL
Document Indicator:	Yes	**Zip (Geo Search):**	60426
Document Count:	6	**Latitude:**	41.60918
Total Pages:	8	**Longitude:**	-87.64593
Revision Date Time:	11/23/2010	**X:**	-87.64592999999996
Collection Date:	01/01/2001	**Y:**	41.60918000000004

Name (Doc Search): USPS Harvey - 170000182585
Addr (Doc Search): 15441 Center Ave
Name (Geo Search): USPS Harvey
Addr (Geo Search): 15441 Center Ave
Category URL: https://docuware67.illinois.gov/DocuWare/PlatformRO/WebClient/3/Integration?lc=VXNlcj1kd3B1YmxpY1xuUHdkPU4xbWRhJHRyYXRvclBANTU1&p=RLV&rl=ce728c9a-11c1-4ddf-9003-314169ab1943&tw=Results&q=W0lFUEFJRF09IjE3MDAwMDE4MjU4NSIgQU5EIFtDQVRFR09SWV09IjIxQSI1
Data Source: IEPA Document Explorer - Facility/Site Search; IEPA Document Explorer - Geographic Search
Note: Documents related to facilities in Illinois can be searched on the Illinois Environmental Protection Agency (IEPA) Document Explorer: https://external.epa.illinois.gov/DocumentExplorer

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10 | **1 of 2** | **E** | **0.36 / 1,902.79** | **602.06 / -2** | **Harvey, City of**
194 East 154th Street
Harvey IL 60426 | **LUST**

Incident No:	20040787	**LPC No:**	0311115148
Incidents ID:	3567	**IEMA Date:**	06/02/2004
NFR Date:		**Regulation:**	P.A.
Gasoline:	False	**C 20 Day Report Date:**	
Unleaded:	False	**C 45 Day Report Date:**	
Diesel:	False	**NFR Recorded Date:**	
Fuel Oil:	False	**Pre 74 Date:**	
Jet Fuel:	False	**Proj Manager Phone:**	(217) 524-4827
Used Oil:	False	**Proj Mngr First Nm:**	Steve
Non Petroleum Prod:	False	**Proj Mngr Last Nm:**	Putrich
Other Petroleum:	True	**Proj Manager Email:**	Steve.Putrich@illinois.gov
Non LUST Date:		**Site County:**	Cook
Non LUST Letter Dt:			

Heating Oil Letter Date: 07/23/2004
Free Product Discovery Date:
Primary Resp Party Name: City of Harvey
Primary Resp Party Address: 15320 Broadway Avenue
Primary Resp Party City: Harvey
Primary Resp Party State: IL
Primary Resp Party ZIP: 60426
Primary Resp Party Phone: 7082105340
Primary Resp Party Contact: Rufus Fisher, Jr.

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10 | **2 of 2** | **E** | **0.36 / 1,902.79** | **602.06 / -2** | **Harvey, City of**
194 E 154th St
Harvey IL 60426 | **LUST DOCUMENT**

Site ID:	170001569504	**Originating Bureau:**	Bureau of Land
System ID:	0311115148	**City (Doc Search):**	Harvey
Program ID:	0311115148	**State (Doc Search):**	IL

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Interest Type:	LUST	**Zip (Doc Search):**	60426
Media Code:	LAND	**City (Geo Search):**	Harvey
Category:	Leaking UST Technical	**State (Geo Search):**	IL
Document Indicator:	Yes	**Zip (Geo Search):**	60426
Document Count:	6	**Latitude:**	41.61003
Total Pages:	10	**Longitude:**	-87.64462
Revision Date Time:	06/21/2004	**X:**	-87.64461999999997
Collection Date:	01/01/2001	**Y:**	41.61003000000005

Name (Doc Search): Harvey, City of - 170001569504
Addr (Doc Search): 194 E 154th St
Name (Geo Search): Harvey, City of
Addr (Geo Search): 194 E 154th St
Category URL: https://docuware67.illinois.gov/DocuWare/PlatformRO/WebClient/3/Integration?lc=VXNlcj1kd3B1YmxpY1xuUHdkPU4xbWRhJHRyYXRvclBANTU1&p=RLV&rl=ce728c9a-11c1-4ddf-9003-314169ab1943&tw=Results&q=W0lFUEFJRF09IjE3MDAwMTU2OTUwNCIgQU5EIFtDQVRFR09SWV09IjIxQSI1
Data Source: IEPA Document Explorer - Facility/Site Search; IEPA Document Explorer - Geographic Search
Note: Documents related to facilities in Illinois can be searched on the Illinois Environmental Protection Agency (IEPA) Document Explorer: https://external.epa.illinois.gov/DocumentExplorer

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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
11	1 of 1	E	0.39 / 2,061.52	602.06 / -2	Pace - 170000456389 209 E 154th St Harvey IL 60421	LUST DOCUMENT

Site ID:		**Originating Bureau:**	Bureau of Land
System ID:		**City (Doc Search):**	Harvey
Program ID:	0311115048	**State (Doc Search):**	IL
Interest Type:		**Zip (Doc Search):**	60421
Media Code:		**City (Geo Search):**	
Category:	Leaking UST Technical	**State (Geo Search):**	
Document Indicator:		**Zip (Geo Search):**	
Document Count:	2	**Latitude:**	
Total Pages:	7	**Longitude:**	
Revision Date Time:		**X:**	
Collection Date:		**Y:**	

Name (Doc Search): Pace - 170000456389
Addr (Doc Search): 209 E 154th St
Name (Geo Search):
Addr (Geo Search):
Category URL: https://docuware67.illinois.gov/DocuWare/PlatformRO/WebClient/3/Integration?lc=VXNlcj1kd3B1YmxpY1xuUHdkPU4xbWRhJHRyYXRvclBANTU1&p=RLV&rl=ce728c9a-11c1-4ddf-9003-314169ab1943&tw=Results&q=W0lFUEFJRF09IjE3MDAwMDQ1NjM4OSIgQU5EIFtDQVRFR09SWV09IjIxQSI1
Data Source: IEPA Document Explorer - Facility/Site Search
Note: Documents related to facilities in Illinois can be searched on the Illinois Environmental Protection Agency (IEPA) Document Explorer: https://external.epa.illinois.gov/DocumentExplorer

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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
12	1 of 2	E	0.40 / 2,107.50	603.54 / 0	Harvey, City of 15321 Broadway Harvey IL 60426	LUST

Incident No:	942687	**LPC No:**	0311115097
Incidents ID:	17618	**IEMA Date:**	11/30/1994
NFR Date:	06/11/2002	**Regulation:**	732
Gasoline:	True	**C 20 Day Report Date:**	06/22/2001
Unleaded:	False	**C 45 Day Report Date:**	07/02/2001
Diesel:	False	**NFR Recorded Date:**	08/27/2002
Fuel Oil:	False	**Pre 74 Date:**	
Jet Fuel:	False	**Proj Manager Phone:**	
Used Oil:	False	**Proj Mngr First Nm:**	Jay
Non Petroleum Prod:	False	**Proj Mngr Last Nm:**	Gaydosh
Other Petroleum:	False	**Proj Manager Email:**	
Non LUST Date:		**Site County:**	Cook
Non LUST Letter Dt:			
Heating Oil Letter Date:			
Free Product Discovery Date:			
Primary Resp Party Name:	City of Harvey		
Primary Resp Party Address:	110 West 159th St.		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Primary Resp Party City: Harvey
Primary Resp Party State: IL
Primary Resp Party ZIP: 60426
Primary Resp Party Phone:
Primary Resp Party Contact: Steve Josephson

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12 | **2 of 2** | **E** | **0.40 / 2,107.50** | **603.54 / 0** | **Harvey City Of**
15321 Broadway
Harvey IL 60426 | **LUST DOCUMENT**

Site ID: 170000456673
System ID: 0311115097
Program ID: 0311115097
Interest Type: LUST
Media Code: LAND
Category: Leaking UST Technical
Document Indicator: Yes
Document Count: 17
Total Pages: 239
Revision Date Time: 06/26/2015
Collection Date: 01/01/2001
Name (Doc Search): Harvey, City of - 170000456673
Addr (Doc Search): 15321 Broadway
Name (Geo Search): Harvey City Of
Addr (Geo Search): 15321 Broadway
Category URL: https://docuware67.illinois.gov/DocuWare/PlatformRO/WebClient/3/Integration?lc=VXNlcj1kd3B1YmxpY1xuUHdkPU4xbWRhJHRyYXRvclBANTU1&p=RLV&rl=ce728c9a-11c1-4ddf-9003-314169ab1943&tw=Results&q=W0lFUEFJRF09IjE3MDAwMDQ1NjY3MyIgQU5EIFtDQVRFR09SWV09IjIxQSI1
Data Source: IEPA Document Explorer - Facility/Site Search; IEPA Document Explorer - Geographic Search
Note: Documents related to facilities in Illinois can be searched on the Illinois Environmental Protection Agency (IEPA) Document Explorer: https://external.epa.illinois.gov/DocumentExplorer

Originating Bureau: Bureau of Land
City (Doc Search): Harvey
State (Doc Search): IL
Zip (Doc Search): 60426
City (Geo Search): Harvey
State (Geo Search): IL
Zip (Geo Search): 60426
Latitude: 41.61146
Longitude: -87.6446
X: -87.64459999999997
Y: 41.61146000000008

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13 | **1 of 1** | **E** | **0.40 / 2,112.45** | **602.06 / -2** | **CSX Transportation Inc**
Park Ave Mm 125.5
Harvey IL 60426 | **LUST DOCUMENT**

Site ID: 170000456557
System ID: 0311115081
Program ID:
Interest Type: LUST
Media Code: LAND
Category:
Document Indicator: No
Document Count:
Total Pages:
Revision Date Time: 08/07/2008
Collection Date: 01/01/2001
Name (Doc Search):
Addr (Doc Search):
Name (Geo Search): CSX Transportation Inc
Addr (Geo Search): Park Ave Mm 125.5
Category URL:
Data Source: IEPA Document Explorer - Geographic Search
Note: Documents related to facilities in Illinois can be searched on the Illinois Environmental Protection Agency (IEPA) Document Explorer: https://external.epa.illinois.gov/DocumentExplorer

Originating Bureau:
City (Doc Search):
State (Doc Search):
Zip (Doc Search):
City (Geo Search): Harvey
State (Geo Search): IL
Zip (Geo Search): 60426
Latitude: 41.60977
Longitude: -87.64423
X: -87.64422999999994
Y: 41.609770000000026

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14 | **1 of 3** | **E** | **0.47 / 2,463.33** | **604.69 / 1** | **Pace Suburban Bus Division**
15320-28 Main St.
Harvey IL 60426 | **LUST**

Incident No: 912388
Incidents ID: 11371
NFR Date: 09/23/1996
Gasoline: False
LPC No: 0311115069
IEMA Date: 08/23/1991
Regulation: 731
C 20 Day Report Date: 10/04/1993

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Unleaded:	False		**C 45 Day Report Date:**	10/21/1993	
Diesel:	True		**NFR Recorded Date:**		
Fuel Oil:	False		**Pre 74 Date:**		
Jet Fuel:	False		**Proj Manager Phone:**	(217) 785-5734	
Used Oil:	False		**Proj Mngr First Nm:**	Mike	
Non Petroleum Prod:	False		**Proj Mngr Last Nm:**	Lowder	
Other Petroleum:	False		**Proj Manager Email:**	Mike.Lowder@illinois.gov	
Non LUST Date:			**Site County:**	Cook	
Non LUST Letter Dt:					
Heating Oil Letter Date:					
Free Product Discovery Date:					
Primary Resp Party Name:	Pace Suburban Bus				
Primary Resp Party Address:	550 West Algonquin Rd.				
Primary Resp Party City:	Arlington Heights				
Primary Resp Party State:	IL				
Primary Resp Party ZIP:	60005				
Primary Resp Party Phone:					
Primary Resp Party Contact:	Larry Bush				

14	*2 of 3*	*E*	*0.47 / 2,463.33*	*604.69 / 1*	***Pace Suburban Bus*** ***15320-15328 Main St.*** ***Harvey IL 60426***	***LUST***

Incident No:	960170		**LPC No:**	0311115069	
Incidents ID:	18956		**IEMA Date:**	02/02/1996	
NFR Date:			**Regulation:**	732	
Gasoline:	False		**C 20 Day Report Date:**		
Unleaded:	False		**C 45 Day Report Date:**		
Diesel:	False		**NFR Recorded Date:**		
Fuel Oil:	False		**Pre 74 Date:**		
Jet Fuel:	False		**Proj Manager Phone:**		
Used Oil:	False		**Proj Mngr First Nm:**	Steve	
Non Petroleum Prod:	False		**Proj Mngr Last Nm:**	Jones	
Other Petroleum:	True		**Proj Manager Email:**		
Non LUST Date:			**Site County:**	Cook	
Non LUST Letter Dt:					
Heating Oil Letter Date:	10/23/1997				
Free Product Discovery Date:					
Primary Resp Party Name:	Pace Suburban Bus				
Primary Resp Party Address:	550 West Algonquin Rd.				
Primary Resp Party City:	Arlington Heights				
Primary Resp Party State:	IL				
Primary Resp Party ZIP:	60005				
Primary Resp Party Phone:					
Primary Resp Party Contact:	David Szaflarski				

14	*3 of 3*	*E*	*0.47 / 2,463.33*	*604.69 / 1*	***Pace Saburban Bus Div*** ***15320-28 Main St*** ***Harvey IL 60624***	***LUST DOCUMENT***

Site ID:	170000456487		**Originating Bureau:**	Bureau of Land	
System ID:	0311115069		**City (Doc Search):**	Harvey	
Program ID:	0311115069		**State (Doc Search):**	IL	
Interest Type:	LUST		**Zip (Doc Search):**	60624	
Media Code:	LAND		**City (Geo Search):**	Harvey	
Category:	Leaking UST Technical		**State (Geo Search):**	IL	
Document Indicator:	Yes		**Zip (Geo Search):**	60624	
Document Count:	1		**Latitude:**	41.6116	
Total Pages:	2		**Longitude:**	-87.64309	
Revision Date Time:	06/30/2003		**X:**	-87.64308999999997	
Collection Date:	01/01/2001		**Y:**	41.61160000000007	
Name (Doc Search):	Pace Saburban Bus Div - 170000456487				
Addr (Doc Search):	15320-28 Main St				
Name (Geo Search):	Pace Saburban Bus Div				
Addr (Geo Search):	15320-28 Main St				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Category URL: https://docuware67.illinois.gov/DocuWare/PlatformRO/WebClient/3/Integration?lc=VXNlcj1kd3B1YmxpY1xuUHdkPU4xbWRhJHRyYXRvclBANTU1&p=RLV&rl=ce728c9a-11c1-4ddf-9003-314169ab1943&tw=Results&q=W0lFUEFJRF09IjE3MDAwMDQ1NjQ4NyIgQU5EIFtDQVRFR09SWV09IjIxQSI1
Data Source: IEPA Document Explorer - Facility/Site Search; IEPA Document Explorer - Geographic Search
Note: Documents related to facilities in Illinois can be searched on the Illinois Environmental Protection Agency (IEPA) Document Explorer: https://external.epa.illinois.gov/DocumentExplorer

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15 | **1 of 2** | **E** | **0.47 / 2,463.75** | **607.01 / 3** | **Harvey Millwork Co.**
15214 Main St.
Harvey IL 60426 | **LUST**

Incident No:	913333	**LPC No:**	0311115071
Incidents ID:	11974	**IEMA Date:**	11/18/1991
NFR Date:	02/10/1992	**Regulation:**	731
Gasoline:	False	**C 20 Day Report Date:**	01/21/1992
Unleaded:	False	**C 45 Day Report Date:**	01/31/1992
Diesel:	True	**NFR Recorded Date:**	
Fuel Oil:	False	**Pre 74 Date:**	
Jet Fuel:	False	**Proj Manager Phone:**	
Used Oil:	False	**Proj Mngr First Nm:**	Russ
Non Petroleum Prod:	False	**Proj Mngr Last Nm:**	Irwin
Other Petroleum:	False	**Proj Manager Email:**	
Non LUST Date:		**Site County:**	Cook
Non LUST Letter Dt:			
Heating Oil Letter Date:			
Free Product Discovery Date:			
Primary Resp Party Name:	Harvey Millwork Co.		
Primary Resp Party Address:	1140 East 163rd St.		
Primary Resp Party City:	South Holland		
Primary Resp Party State:	IL		
Primary Resp Party ZIP:	60473		
Primary Resp Party Phone:			
Primary Resp Party Contact:	Edith Degenhart		

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15 | **2 of 2** | **E** | **0.47 / 2,463.75** | **607.01 / 3** | **Harvey Millwork Co**
15214 Main St
Harvey IL 60426 | **LUST DOCUMENT**

Site ID:	170000023285	**Originating Bureau:**	
System ID:	0311115071	**City (Doc Search):**	
Program ID:		**State (Doc Search):**	
Interest Type:	LUST	**Zip (Doc Search):**	
Media Code:	LAND	**City (Geo Search):**	Harvey
Category:		**State (Geo Search):**	IL
Document Indicator:	No	**Zip (Geo Search):**	60426
Document Count:		**Latitude:**	41.6129
Total Pages:		**Longitude:**	-87.64306
Revision Date Time:	06/28/2003	**X:**	-87.64305999999993
Collection Date:	01/01/2001	**Y:**	41.612900000000025
Name (Doc Search):			
Addr (Doc Search):			
Name (Geo Search):	Harvey Millwork Co		
Addr (Geo Search):	15214 Main St		
Category URL:			
Data Source:	IEPA Document Explorer - Geographic Search		
Note:	Documents related to facilities in Illinois can be searched on the Illinois Environmental Protection Agency (IEPA) Document Explorer: https://external.epa.illinois.gov/DocumentExplorer		

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16 | **1 of 6** | **ESE** | **0.48 / 2,556.64** | **604.68 / 1** | **Harris Hub Co.**
15600 South Commercial Ave.
Harvey IL 60426 | **LUST**

Incident No:	903450	**LPC No:**	0311115008
Incidents ID:	9671	**IEMA Date:**	11/19/1990

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

NFR Date:		**Regulation:**	731
Gasoline:	False	**C 20 Day Report Date:**	
Unleaded:	False	**C 45 Day Report Date:**	
Diesel:	True	**NFR Recorded Date:**	
Fuel Oil:	False	**Pre 74 Date:**	
Jet Fuel:	False	**Proj Manager Phone:**	(217) 782-3335
Used Oil:	False	**Proj Mngr First Nm:**	Brian
Non Petroleum Prod:	True	**Proj Mngr Last Nm:**	Bauer
Other Petroleum:	False	**Proj Manager Email:**	Brian.Bauer@illinois.gov
Non LUST Date:		**Site County:**	Cook
Non LUST Letter Dt:			
Heating Oil Letter Date:			
Free Product Discovery Date:			
Primary Resp Party Name:	Dresher Inc.		
Primary Resp Party Address:	15600 South Commercial Ave.		
Primary Resp Party City:	Harvey		
Primary Resp Party State:	IL		
Primary Resp Party ZIP:	60426		
Primary Resp Party Phone:			
Primary Resp Party Contact:	Dennis Brewer		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
16	2 of 6	ESE	0.48 / 2,556.64	604.68 / 1	Harris Hub Co. 15600 Commercial Ave. Harvey IL 60426	LUST

Incident No:	903188	**LPC No:**	0311115008
Incidents ID:	9398	**IEMA Date:**	10/29/1990
NFR Date:		**Regulation:**	731
Gasoline:	False	**C 20 Day Report Date:**	
Unleaded:	False	**C 45 Day Report Date:**	
Diesel:	False	**NFR Recorded Date:**	
Fuel Oil:	False	**Pre 74 Date:**	
Jet Fuel:	False	**Proj Manager Phone:**	(217) 782-3335
Used Oil:	False	**Proj Mngr First Nm:**	Brian
Non Petroleum Prod:	True	**Proj Mngr Last Nm:**	Bauer
Other Petroleum:	False	**Proj Manager Email:**	Brian.Bauer@illinois.gov
Non LUST Date:		**Site County:**	Cook
Non LUST Letter Dt:			
Heating Oil Letter Date:			
Free Product Discovery Date:			
Primary Resp Party Name:	Harris Hub Co.		
Primary Resp Party Address:	15600 Commercial Ave.		
Primary Resp Party City:	Harvey		
Primary Resp Party State:	IL		
Primary Resp Party ZIP:	60426		
Primary Resp Party Phone:			
Primary Resp Party Contact:	Dennis Brewer		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
16	3 of 6	ESE	0.48 / 2,556.64	604.68 / 1	Harris Hub Co. 15600 Commercial Ave. Harvey IL 60426	LUST

Incident No:	902643	**LPC No:**	0311115008
Incidents ID:	9048	**IEMA Date:**	09/13/1990
NFR Date:		**Regulation:**	731
Gasoline:	False	**C 20 Day Report Date:**	
Unleaded:	False	**C 45 Day Report Date:**	
Diesel:	False	**NFR Recorded Date:**	
Fuel Oil:	True	**Pre 74 Date:**	
Jet Fuel:	False	**Proj Manager Phone:**	
Used Oil:	False	**Proj Mngr First Nm:**	Will
Non Petroleum Prod:	False	**Proj Mngr Last Nm:**	Craig
Other Petroleum:	False	**Proj Manager Email:**	
Non LUST Date:		**Site County:**	Cook
Non LUST Letter Dt:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Heating Oil Letter Date: 09/15/2020
Free Product Discovery Date:
Primary Resp Party Name: Harris Hub Co.
Primary Resp Party Address: 15600 Commercial Ave.
Primary Resp Party City: Harvey
Primary Resp Party State: IL
Primary Resp Party ZIP: 60426
Primary Resp Party Phone:
Primary Resp Party Contact: Dennis Brewer

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16 | **4 of 6** | **ESE** | **0.48 / 2,556.64** | **604.68 / 1** | **Harvey, City of**
15600 Center Ave.
Harvey IL 60426 | **LUST**

Incident No: 942686
Incidents ID: 17617
NFR Date: 05/09/2002
Gasoline: True
Unleaded: False
Diesel: False
Fuel Oil: False
Jet Fuel: False
Used Oil: False
Non Petroleum Prod: False
Other Petroleum: False
Non LUST Date:
Non LUST Letter Dt:
Heating Oil Letter Date:
Free Product Discovery Date:
Primary Resp Party Name: City of Harvey
Primary Resp Party Address: 110 West 159th St.
Primary Resp Party City: Harvey
Primary Resp Party State: IL
Primary Resp Party ZIP: 60426
Primary Resp Party Phone:
Primary Resp Party Contact: Steve Josephson

LPC No: 0311115096
IEMA Date: 11/30/1994
Regulation: 732
C 20 Day Report Date: 06/22/2001
C 45 Day Report Date: 07/02/2001
NFR Recorded Date: 08/26/2002
Pre 74 Date:
Proj Manager Phone: (217) 524-9140
Proj Mngr First Nm: James
Proj Mngr Last Nm: Malcom
Proj Manager Email: James.Malcom@illinois.gov
Site County: Cook

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16 | **5 of 6** | **ESE** | **0.48 / 2,556.64** | **604.68 / 1** | **Harvey Processing Inc**
15600 SCommercial
Harvey IL 60426 | **LUST DOCUMENT**

Site ID: 170000023196
System ID: 0311115008
Program ID: 0311115008
Interest Type: LUST
Media Code: LAND
Category: Leaking UST Technical
Document Indicator: Yes
Document Count: 22
Total Pages: 1204
Revision Date Time: 08/26/2005
Collection Date: 01/01/2001
Name (Doc Search): Harvey Processing Inc - 170000023196
Addr (Doc Search): 15600 SCommercial
Name (Geo Search): Harvey Processing Inc
Addr (Geo Search): 15600 SCommercial
Category URL: https://docuware67.illinois.gov/DocuWare/PlatformRO/WebClient/3/Integration?lc=VXNlcj1kd3B1YmxpY1xuUHdkPU4xbWRhJHRyYXRvclBANTU1&p=RLV&rl=ce728c9a-11c1-4ddf-9003-314169ab1943&tw=Results&q=W0lFUEFJRF09IjE3MDAwMDAyMzE5NiIgQU5EIFtDQVRFR09SWV09IjIxQSI1
Data Source: IEPA Document Explorer - Facility/Site Search; IEPA Document Explorer - Geographic Search
Note: Documents related to facilities in Illinois can be searched on the Illinois Environmental Protection Agency (IEPA) Document Explorer: https://external.epa.illinois.gov/DocumentExplorer

Originating Bureau: Bureau of Land
City (Doc Search): Harvey
State (Doc Search): IL
Zip (Doc Search): 60426
City (Geo Search): Harvey
State (Geo Search): IL
Zip (Geo Search): 60426
Latitude: 41.60684
Longitude: -87.6441
X: -87.64409999999998
Y: 41.606840000000034

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
16	6 of 6	ESE	0.48 / 2,556.64	604.68 / 1	Harvey, City Of - 170000456664 15600 Center Ave Harvey IL 60426	LUST DOCUMENT

Site ID:		**Originating Bureau:**	Bureau of Land
System ID:		**City (Doc Search):**	Harvey
Program ID:	0311115096	**State (Doc Search):**	IL
Interest Type:		**Zip (Doc Search):**	60426
Media Code:		**City (Geo Search):**	
Category:	Leaking UST Technical	**State (Geo Search):**	
Document Indicator:		**Zip (Geo Search):**	
Document Count:	21	**Latitude:**	
Total Pages:	313	**Longitude:**	
Revision Date Time:		**X:**	
Collection Date:		**Y:**	
Name (Doc Search):	Harvey, City Of - 170000456664		
Addr (Doc Search):	15600 Center Ave		
Name (Geo Search):			
Addr (Geo Search):			
Category URL:	https://docuware67.illinois.gov/DocuWare/PlatformRO/WebClient/3/Integration?lc=VXNlcj1kd3B1YmxpY1xuUHdkPU4xbWRhJHRyYXRvclBANTU1&p=RLV&rl=ce728c9a-11c1-4ddf-9003-314169ab1943&tw=Results&q=W0lFUEFJRF09IjE3MDAwMDQ1NjY2NCIgQU5EIFtDQVRFR09SWV09IjIxQSI1		
Data Source:	IEPA Document Explorer - Facility/Site Search		
Note:	Documents related to facilities in Illinois can be searched on the Illinois Environmental Protection Agency (IEPA) Document Explorer: https://external.epa.illinois.gov/DocumentExplorer		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
17	1 of 2	NW	0.49 / 2,585.11	603.70 / 0	Harvey, City of 15001 South Page Ave. Harvey IL 60426	LUST

Incident No:	20010607	**LPC No:**	0311110022
Incidents ID:	1481	**IEMA Date:**	04/10/2001
NFR Date:		**Regulation:**	731
Gasoline:	True	**C 20 Day Report Date:**	06/22/2001
Unleaded:	False	**C 45 Day Report Date:**	07/02/2001
Diesel:	False	**NFR Recorded Date:**	
Fuel Oil:	False	**Pre 74 Date:**	
Jet Fuel:	False	**Proj Manager Phone:**	(217) 524-4647
Used Oil:	False	**Proj Mngr First Nm:**	Melinda
Non Petroleum Prod:	False	**Proj Mngr Last Nm:**	Weller
Other Petroleum:	False	**Proj Manager Email:**	Melinda.Weller@illinois.gov
Non LUST Date:		**Site County:**	Cook
Non LUST Letter Dt:			
Heating Oil Letter Date:			
Free Product Discovery Date:			
Primary Resp Party Name:	City of Harvey, Director of Public Works		
Primary Resp Party Address:	15320 Broadway Ave.		
Primary Resp Party City:	Harvey		
Primary Resp Party State:	IL		
Primary Resp Party ZIP:	60426		
Primary Resp Party Phone:	7088786829		
Primary Resp Party Contact:	Rufus A. Fisher, Jr.		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
17	2 of 2	NW	0.49 / 2,585.11	603.70 / 0	Harvey, City of 15001 South Page Harvey IL 60426	LUST

Incident No:	900814	**LPC No:**	0311110022
Incidents ID:	7939	**IEMA Date:**	03/29/1990
NFR Date:		**Regulation:**	731
Gasoline:	True	**C 20 Day Report Date:**	06/22/2001
Unleaded:	False	**C 45 Day Report Date:**	07/02/2001
Diesel:	False	**NFR Recorded Date:**	
Fuel Oil:	False	**Pre 74 Date:**	
Jet Fuel:	False	**Proj Manager Phone:**	(217) 524-4647
Used Oil:	False	**Proj Mngr First Nm:**	Melinda

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Non Petroleum Prod:	False	**Proj Mngr Last Nm:**	Weller
Other Petroleum:	False	**Proj Manager Email:**	Melinda.Weller@illinois.gov
Non LUST Date:		**Site County:**	Cook
Non LUST Letter Dt:			
Heating Oil Letter Date:			
Free Product Discovery Date:			
Primary Resp Party Name:	City of Harvey, Director of Public Works		
Primary Resp Party Address:	15320 Broadway Ave.		
Primary Resp Party City:	Harvey		
Primary Resp Party State:	IL		
Primary Resp Party ZIP:	60426		
Primary Resp Party Phone:			
Primary Resp Party Contact:	Rufus A. Fisher, Jr.		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
18	1 of 3	ESE	0.50 / 2,629.64	602.06 / -2	Grand Trunk Western Railroad Co. 15401 South Commercial Harvey IL 60426	LUST

Incident No:	982735	**LPC No:**	0311115050
Incidents ID:	22730	**IEMA Date:**	10/30/1998
NFR Date:		**Regulation:**	732
Gasoline:	False	**C 20 Day Report Date:**	12/10/1998
Unleaded:	False	**C 45 Day Report Date:**	12/18/1998
Diesel:	False	**NFR Recorded Date:**	
Fuel Oil:	False	**Pre 74 Date:**	
Jet Fuel:	False	**Proj Manager Phone:**	
Used Oil:	False	**Proj Mngr First Nm:**	Dave
Non Petroleum Prod:	False	**Proj Mngr Last Nm:**	Myers
Other Petroleum:	True	**Proj Manager Email:**	
Non LUST Date:		**Site County:**	Cook
Non LUST Letter Dt:			
Heating Oil Letter Date:	09/27/2021		
Free Product Discovery Date:			
Primary Resp Party Name:	Grand Trunk Western Railroad		
Primary Resp Party Address:	CN, 17641 South Ashland Avenue		
Primary Resp Party City:	Homewood		
Primary Resp Party State:	IL		
Primary Resp Party ZIP:	60430		
Primary Resp Party Phone:			
Primary Resp Party Contact:	Devin Sprinkle		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
18	2 of 3	ESE	0.50 / 2,629.64	602.06 / -2	Grand Trunk Western Railroad Co. 15401 South Commercial Ave. Harvey IL 60426	LUST

Incident No:	991209	**LPC No:**	0311115050
Incidents ID:	23793	**IEMA Date:**	05/20/1999
NFR Date:		**Regulation:**	732
Gasoline:	False	**C 20 Day Report Date:**	06/14/1999
Unleaded:	False	**C 45 Day Report Date:**	07/30/1999
Diesel:	False	**NFR Recorded Date:**	
Fuel Oil:	False	**Pre 74 Date:**	
Jet Fuel:	False	**Proj Manager Phone:**	
Used Oil:	False	**Proj Mngr First Nm:**	Dave
Non Petroleum Prod:	False	**Proj Mngr Last Nm:**	Myers
Other Petroleum:	True	**Proj Manager Email:**	
Non LUST Date:		**Site County:**	Cook
Non LUST Letter Dt:			
Heating Oil Letter Date:			
Free Product Discovery Date:			
Primary Resp Party Name:	Grand Trunk Railroad		
Primary Resp Party Address:	CN, 17641 South Ashland Aveue		
Primary Resp Party City:	Homewood		
Primary Resp Party State:	IL		
Primary Resp Party ZIP:	60430		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Primary Resp Party Phone:
Primary Resp Party Contact: Devin Sprinkle

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18 | **3 of 3** | **ESE** | **0.50 / 2,629.64** | **602.06 / -2** | **Grand Trunk Western Railroad Co.**
15401 South Commercial Ave.
Harvey IL 60426 | **LUST**

Incident No:	982083	**LPC No:**	0311115050
Incidents ID:	22374	**IEMA Date:**	08/21/1998
NFR Date:		**Regulation:**	732
Gasoline:	False	**C 20 Day Report Date:**	09/28/1998
Unleaded:	False	**C 45 Day Report Date:**	10/06/1998
Diesel:	False	**NFR Recorded Date:**	
Fuel Oil:	False	**Pre 74 Date:**	
Jet Fuel:	False	**Proj Manager Phone:**	
Used Oil:	False	**Proj Mngr First Nm:**	Dave
Non Petroleum Prod:	False	**Proj Mngr Last Nm:**	Myers
Other Petroleum:	True	**Proj Manager Email:**	
Non LUST Date:		**Site County:**	Cook
Non LUST Letter Dt:			
Heating Oil Letter Date:			
Free Product Discovery Date:			

Primary Resp Party Name: Grand Trunk Western Railroad
Primary Resp Party Address: CN, 17641 South Ashland Avenue
Primary Resp Party City: Homewood
Primary Resp Party State: IL
Primary Resp Party ZIP: 60430
Primary Resp Party Phone:
Primary Resp Party Contact: Devin Sprinkle

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19 | **1 of 1** | **ESE** | **0.60 / 3,169.85** | **603.70 / 0** | **LB STEEL**
15700 S LATHROP AVE
HARVEY IL 60426 | **RCRA CORRACTS**

EPA Handler ID: ILD005119888
Gen Status Universe: Small Quantity Generator
Contact Name: DAVID R ABSHIRE
Contact Address: 15700 S LATHROP AVE , , HARVEY , IL, 60426 , US
Contact Phone No and Ext: 708-225-5759
Contact Email: DABSHIRE@LBSTEEL.COM
Contact Country: US
County Name: COOK
EPA Region: 05
Land Type: Private
Receive Date: 20230306
Location Latitude: 41.604507
Location Longitude: -87.641321

Event/Area Details

Area Name: ENTIRE FACILITY
Event Code: CA075LO
Corrective Action Event Descri: CA PRIORITIZATION-LOW CA PRIORITY
Actual Date of Event: 19920926
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19920926
Groundwater Release Indicator:
Soil Release Indicator:
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: E

Violation/Evaluation Summary

Note: NO VIOLATIONS: All of the compliance records associated with this facility (EPA ID) indicate NO VIOLATIONS; Compliance Monitoring and Enforcement table dated Apr, 2023.

Evaluation Details

Evaluation Start Date: 20000111
Evaluation Type Description: COMPLIANCE ASSISTANCE VISIT
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner: No
Smelting, Melting and Refining: No
Underground Injection Control: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20230216
Handler Name: LB STEEL
Federal Waste Generator Code: U
Generator Code Description: Undetermined by the Implementer
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19900228
Handler Name: WHITING CORP
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 20230306
Handler Name: LB STEEL
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Implementer

Waste Code Details

Hazardous Waste Code: D035
Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19801117
Handler Name: WHITING CORP
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified
Source Type: Part A

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20000111
Handler Name: WHITING CORP
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Implementer

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 19980301
Handler Name: WHITING CORP
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 4
Receive Date: 20230216
Handler Name: LB STEEL
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Implementer

Waste Code Details

Hazardous Waste Code: D035
Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19800801
Handler Name: WHITING CORP
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F017
Waste Code Description: DESCRIPTION

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 19940301
Handler Name: WHITING CORP
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 4
Receive Date: 20000301
Handler Name: WHITING CORP
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Annual/Biennial Report

Owner/Operator Details

Owner/Operator Ind: Current Operator
Type: Private
Name: NAME NOT REPORTED
Date Became Current:
Date Ended Current:
Phone: 312-555-1212
Source Type: Part A
Street No:
Street 1: ADDRESS NOT REPORTED
Street 2:
City: CITY NOT REPORTED
State: AK
Country:
Zip Code: 99998

Owner/Operator Ind: Current Owner
Type: Private
Name: MIKE GOICH
Date Became Current: 20180101
Date Ended Current:
Phone: 708-331-2600
Source Type: Implementer
Street No:
Street 1: 15700 S LATHROP AVE
Street 2:
City: HARVEY
State: IL
Country: US
Zip Code: 60426

Owner/Operator Ind: Current Owner
Type: Private
Name: NAME NOT REPORTED
Date Became Current:
Date Ended Current:
Phone: 312-555-1212
Source Type: Implementer
Street No:
Street 1: ADDRESS NOT REPORTED
Street 2:
City: CITY NOT REPORTED
State: AK
Country:
Zip Code: 99998

Owner/Operator Ind: Current Operator
Type: Private
Name: MIKE GOICH
Date Became Current: 20180101
Date Ended Current:
Phone: 708-331-2600
Source Type: Implementer
Street No:
Street 1: 15700 S LATHROP AVE
Street 2:
City: HARVEY
State: IL
Country: US
Zip Code: 60426

Owner/Operator Ind: Current Owner
Type: Private
Name: LB STEEL LLC
Date Became Current:
Date Ended Current:
Phone:
Source Type: Implementer
Street No:
Street 1: 15700 S LATHROP AVE
Street 2:
City: HARVEY
State: IL
Country: US
Zip Code: 60426

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Owner/Operator Ind: Current Owner
Type: Private
Name: NAME NOT REPORTED
Date Became Current:
Date Ended Current:
Phone: 312-555-1212
Source Type: Notification

Street No:
Street 1: ADDRESS NOT REPORTED
Street 2:
City: CITY NOT REPORTED
State: AK
Country:
Zip Code: 99998

Owner/Operator Ind: Current Operator
Type: Private
Name: LB STEEL LLC
Date Became Current:
Date Ended Current:
Phone:
Source Type: Implementer

Street No:
Street 1: 15700 S LATHROP AVE
Street 2:
City: HARVEY
State: IL
Country: US
Zip Code: 60426

Historical Handler Details

Receive Dt: 19940301
Generator Code Description: Large Quantity Generator
Handler Name: WHITING CORP

Receive Dt: 20000301
Generator Code Description: Small Quantity Generator
Handler Name: WHITING CORP

Receive Dt: 19900228
Generator Code Description: Large Quantity Generator
Handler Name: WHITING CORP

Receive Dt: 20230216
Generator Code Description: Large Quantity Generator
Handler Name: LB STEEL

Receive Dt: 20230216
Generator Code Description: Undetermined by the Implementer
Handler Name: LB STEEL

Receive Dt: 19801117
Generator Code Description: Not a Generator, Verified
Handler Name: WHITING CORP

Receive Dt: 20000111
Generator Code Description: Small Quantity Generator
Handler Name: WHITING CORP

Receive Dt: 19980301
Generator Code Description: Large Quantity Generator
Handler Name: WHITING CORP

Receive Dt: 19800801
Generator Code Description: Large Quantity Generator
Handler Name: WHITING CORP

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
20	1 of 1	SSE	0.90 / 4,740.44	609.81 / 6	Allied Tube & Conduit Corporation, Inc. 16001 South Center Street Harvey IL 60426	SSU

Site ID: 0311115201
SSU Status: Active
Site Size: 10.50
DTM Year Entered:
Year Comp:
Use Paid:
FOS:

Financed:
Month Completed:
Curr Proj Manager: 205
Commu Relation:
Region Name: Des Plaines
County: Cook
Latitude:

LP52: 5R6 ***Longitude:***
Site Type: Storm Sewer System
Current Prog: SRP-CO
Current Program Description: Site Remediation Program - Consent Order

Unplottable Summary

Total: 0 Unplottable sites

DB	Company Name/Site Name	Address	City	Zip	ERIS ID

No unplottable records were found that may be relevant for the search criteria.

Unplottable Report

No unplottable records were found that may be relevant for the search criteria.

Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. ERIS updates databases as set out in ASTM Standard E1527-13 and E1527-21, Section 8.1.8 Sources of Standard Source Information:

"Government information from nongovernmental sources may be considered current if the source updates the information at least every 90 days, or, for information that is updated less frequently than quarterly by the government agency, within 90 days of the date the government agency makes the information available to the public."

Standard Environmental Record Sources

Federal

National Priority List: NPL

Sites on the United States Environmental Protection Agency (EPA)'s National Priorities List of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. The NPL, which EPA is required to update at least once a year, is based primarily on the score a site receives from EPA's Hazard Ranking System. A site must be on the NPL to receive money from the Superfund Trust Fund for remedial action. Sites are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: May 25, 2023

National Priority List - Proposed: PROPOSED NPL

Sites proposed by the United States Environmental Protection Agency (EPA), the state agency, or concerned citizens for addition to the National Priorities List (NPL) due to contamination by hazardous waste and identified by the EPA as a candidate for cleanup because it poses a risk to human health and/or the environment. Sites are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: May 25, 2023

Deleted NPL: DELETED NPL

Sites deleted from the United States Environmental Protection Agency (EPA)'s National Priorities List. The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate. Sites are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: May 25, 2023

SEMS List 8R Active Site Inventory: SEMS

The U.S. Environmental Protection Agency's (EPA) Superfund Program has deployed the Superfund Enterprise Management System (SEMS), which integrates multiple legacy systems into a comprehensive tracking and reporting tool. This inventory contains active sites evaluated by the Superfund program that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The Active Site Inventory Report displays site and location information at active SEMS sites. An active site is one at which site assessment, removal, remedial, enforcement, cost recovery, or oversight activities are being planned or conducted. This data includes SEMS sites from the List 8R Active file as well as applicable sites from the SEMS GIS/REST file layer obtained from EPA's Facility Registry Service.

Government Publication Date: Mar 23, 2023

SEMS List 8R Archive Sites: SEMS ARCHIVE

The U.S. Environmental Protection Agency's (EPA) Superfund Enterprise Management System (SEMS) Archived Site Inventory displays site and location information at sites archived from SEMS. An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. This data includes sites from the List 8R Archived site file.

Government Publication Date: Mar 23, 2023

Inventory of Open Dumps, June 1985: ODI

The Resource Conservation and Recovery Act (RCRA) provides for publication of an inventory of open dumps. The Act defines "open dumps" as facilities which do not comply with EPA's "Criteria for Classification of Solid Waste Disposal Facilities and Practices" (40 CFR 257).

Government Publication Date: Jun 1985

EPA Report on the Status of Open Dumps on Indian Lands: IODI

Public Law 103-399, The Indian Lands Open Dump Cleanup Act of 1994, enacted October 22, 1994, identified congressional concerns that solid waste open dump sites located on American Indian or Alaska Native (AI/AN) lands threaten the health and safety of residents of those lands and contiguous areas. The purpose of the Act is to identify the location of open dumps on Indian lands, assess the relative health and environment hazards posed by those sites, and provide financial and technical assistance to Indian tribal governments to close such dumps in compliance with Federal standards and regulations or standards promulgated by Indian Tribal governments or Alaska Native entities.

Government Publication Date: Dec 31, 1998

Comprehensive Environmental Response, Compensation and Liability Information System - CERCLIS: CERCLIS

Superfund is a program administered by the United States Environmental Protection Agency (EPA) to locate, investigate, and clean up the worst hazardous waste sites throughout the United States. CERCLIS is a database of potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The EPA administers the Superfund program in cooperation with individual states and tribal governments; this database is made available by the EPA.

Government Publication Date: Oct 25, 2013

CERCLIS - No Further Remedial Action Planned: CERCLIS NFRAP

An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. The Archive designation means that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL). This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Government Publication Date: Oct 25, 2013

CERCLIS Liens: CERCLIS LIENS

A Federal Superfund lien exists at any property where EPA has incurred Superfund costs to address contamination ("Superfund site") and has provided notice of liability to the property owner. A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. This database is made available by the United States Environmental Protection Agency (EPA). This database was provided by the United States Environmental Protection Agency (EPA). Refer to SEMS LIEN as the current data source for Superfund Liens.

Government Publication Date: Jan 30, 2014

RCRA CORRACTS-Corrective Action: RCRA CORRACTS

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. At these sites, the Corrective Action Program ensures that cleanups occur. EPA and state regulators work with facilities and communities to design remedies based on the contamination, geology, and anticipated use unique to each site.

Government Publication Date: Apr 24, 2023

RCRA non-CORRACTS TSD Facilities: RCRA TSD

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. This database includes Non-Corrective Action sites listed as treatment, storage and/or disposal facilities of hazardous waste as defined by RCRA.

Government Publication Date: Apr 24, 2023

RCRA Generator List: RCRA LQG

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Large Quantity Generators (LQGs) generate 1,000 kilograms per month or more of hazardous waste or more than one kilogram per month of acutely hazardous waste.

Government Publication Date: Apr 24, 2023

RCRA Small Quantity Generators List: RCRA SQG

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Small Quantity Generators (SQGs) generate more than 100 kilograms, but less than 1,000 kilograms, of hazardous waste per month.

Government Publication Date: Apr 24, 2023

RCRA Very Small Quantity Generators List: RCRA VSQG

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Very Small Quantity Generators (VSQG) generate 100 kilograms or less per month of hazardous waste, or one kilogram or less per month of acutely hazardous waste. Additionally, VSQG may not accumulate more than 1,000 kilograms of hazardous waste at any time.

Government Publication Date: Apr 24, 2023

RCRA Non-Generators: RCRA NON GEN

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Non-Generators do not presently generate hazardous waste.

Government Publication Date: Apr 24, 2023

RCRA Sites with Controls: RCRA CONTROLS

List of Resource Conservation and Recovery Act (RCRA) facilities with institutional controls in place. RCRA gives the U.S. Environmental Protection Agency (EPA) the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances.

Government Publication Date: Apr 24, 2023

Federal Engineering Controls-ECs: FED ENG

This list of Engineering controls (ECs) is provided by the United States Environmental Protection Agency (EPA). ECs encompass a variety of engineered and constructed physical barriers (e.g., soil capping, sub-surface venting systems, mitigation barriers, fences) to contain and/or prevent exposure to contamination on a property. The EC listing includes remedy component data from Superfund decision documents issued in fiscal years 1982-2021 for applicable sites on the final or deleted on the National Priorities List (NPL); and sites with a Superfund Alternative Approach (SAA) Agreement in place. The only sites included that are not on the NPL; proposed for NPL; or removed from proposed NPL, are those with an SAA Agreement in place.

Government Publication Date: Apr 26, 2023

Federal Institutional Controls- ICs: FED INST

This list of Institutional controls (ICs) is provided by the United States Environmental Protection Agency (EPA). ICs are non-engineered instruments, such as administrative and legal controls, that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy. Although it is EPA's expectation that treatment or engineering controls will be used to address principal threat wastes and that groundwater will be returned to its beneficial use whenever practicable, ICs play an important role in site remedies because they reduce exposure to contamination by limiting land or resource use and guide human behavior at a site. The IC listing includes remedy component data from Superfund decision documents issued in fiscal years 1982-2021 for applicable sites on the final or deleted on the National Priorities List (NPL); and sites with a Superfund Alternative Approach (SAA) Agreement in place. The only sites included that are not on the NPL; proposed for NPL; or removed from proposed NPL, are those with an SAA Agreement in place.

Government Publication Date: Apr 26, 2023

Land Use Control Information System: LUCIS

The LUCIS database is maintained by the U.S. Department of the Navy and contains information for former Base Realignment and Closure (BRAC) properties across the United States.

Government Publication Date: Sep 1, 2006

Institutional Control Boundaries at NPL sites: NPL IC

Boundaries of Institutional Control areas at sites on the United States Environmental Protection Agency (EPA)'s National Priorities List, or Proposed or Deleted, made available by the EPA's Shared Enterprise Geodata and Services (SEGS). United States Environmental Protection Agency (EPA)'s National Priorities List of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. Institutional controls are non-engineered instruments such as administrative and legal controls that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy.

Government Publication Date: May 25, 2023

Emergency Response Notification System: ERNS 1982 TO 1986

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1982-1986

Emergency Response Notification System: ERNS 1987 TO 1989

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1987-1989

Emergency Response Notification System: ERNS

Database of oil and hazardous substances spill reports made available by the United States Coast Guard National Response Center (NRC). The NRC fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. These data contain initial incident data that has not been validated or investigated by a federal/state response agency.

Government Publication Date: Jan 16, 2023

The Assessment, Cleanup and Redevelopment Exchange System (ACRES) Brownfield Database: FED BROWNFIELDS

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties protects the environment, reduces blight, and takes development pressures off greenspaces and working lands. This data is provided by the United States Environmental Protection Agency (EPA) and includes Brownfield sites from the Cleanups in My Community (CIMC) web application.

Government Publication Date: Sep 13, 2022

FEMA Underground Storage Tank Listing: FEMA UST

The Federal Emergency Management Agency (FEMA) of the Department of Homeland Security maintains a list of FEMA owned underground storage tanks.

Government Publication Date: Dec 31, 2017

Facility Response Plan: FRP

This listing contains facilities that have submitted Facility Response Plans (FRPs) to the U.S. Environmental Protection Agency (EPA). Facilities that could reasonably be expected to cause "substantial harm" to the environment by discharging oil into or on navigable waters are required to prepare and submit FRPs. Harm is determined based on total oil storage capacity, secondary containment and age of tanks, oil transfer activities, history of discharges, proximity to a public drinking water intake or sensitive environments. This listing includes FRP facilities from an applicable EPA FOIA file and Homeland Infrastructure Foundation-Level Data (HIFLD) data file.

Government Publication Date: Aug 8, 2022

Delisted Facility Response Plans: DELISTED FRP

Facilities that once appeared in - and have since been removed from - the list of facilities that have submitted Facility Response Plans (FRP) to EPA. Facilities that could reasonably be expected to cause "substantial harm" to the environment by discharging oil into or on navigable waters are required to prepare and submit Facility Response Plans (FRPs). Harm is determined based on total oil storage capacity, secondary containment and age of tanks, oil transfer activities, history of discharges, proximity to a public drinking water intake or sensitive environments.

Government Publication Date: Aug 8, 2022

Historical Gas Stations: HIST GAS STATIONS

This historic directory of service stations is provided by the Cities Service Company. The directory includes Cities Service filling stations that were located throughout the United States in 1930.

Government Publication Date: Jul 1, 1930

Petroleum Refineries: REFN

List of petroleum refineries from the U.S. Energy Information Administration (EIA) Refinery Capacity Report. Includes operating and idle petroleum refineries (including new refineries under construction) and refineries shut down during the previous year located in the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, Guam, and other U.S. possessions. Survey locations adjusted using public data.

Government Publication Date: Aug 30, 2022

Petroleum Product and Crude Oil Rail Terminals: BULK TERMINAL

List of petroleum product and crude oil rail terminals made available by the U.S. Energy Information Administration (EIA). Includes operable bulk petroleum product terminals located in the 50 States and the District of Columbia with a total bulk shell storage capacity of 50,000 barrels or more, and/or the ability to receive volumes from tanker, barge, or pipeline; also rail terminals handling the loading and unloading of crude oil that were active between 2017 and 2018. Petroleum product terminals comes from the EIA-815 Bulk Terminal and Blender Report, which includes working, shell in operation, and shell idle for several major product groupings. Survey locations adjusted using public data.

Government Publication Date: Jun 29, 2022

LIEN on Property: SEMS LIEN

The U.S. Environmental Protection Agency's (EPA) Superfund Enterprise Management System (SEMS) provides Lien details on applicable properties, such as the Superfund lien on property activity, the lien property information, and the parties associated with the lien.

Government Publication Date: Mar 23, 2023

Superfund Decision Documents: SUPERFUND ROD

This database contains a list of decision documents for Superfund sites. Decision documents serve to provide the reasoning for the choice of (or) changes to a Superfund Site cleanup plan. The decision documents include completed Records of Decision (ROD), ROD Amendments, Explanations of Significant Differences (ESD) for active and archived sites stored in the Superfund Enterprise Management System (SEMS), along with other associated memos and files. This information is maintained and made available by the U.S. Environmental Protection Agency.

Government Publication Date: Mar 23, 2023

Formerly Utilized Sites Remedial Action Program: DOE FUSRAP

The U.S. Department of Energy (DOE) established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from the Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations. The DOE Office of Legacy Management (LM) established long-term surveillance and maintenance (LTS&M) requirements for remediated FUSRAP sites. DOE evaluates the final site conditions of a remediated site on the basis of risk for different future uses. DOE then confirms that LTS&M requirements will maintain protectiveness.

Government Publication Date: Mar 4, 2017

State

State Response Action Program Database: SSU

The State Response Action Program database identifies the status of all sites under the responsibility of the Illinois EPA's State Sites Unit. The State Response Action Program database made available by Illinois Environmental Protection Agency. This database is state equivalent CERCLIS.

Government Publication Date: May 4, 2023

Delisted State Response Action Program: DELISTED SSU

List of sites removed from the State Response Action Program database identifies the status of all sites under the responsibility of the Illinois EPA's State Sites Unit.

Government Publication Date: May 4, 2023

Solid Waste Landfills Subject to State Surcharge Database: SWF/LF

The Bureau of Land maintains a list of solid waste facilities and landfills throughout the state. This list made available by Illinois Environmental Protection Agency's Bureau of land.

Government Publication Date: Jul 13, 2022

Special Waste Site List: SWF/LF SPECIAL

The following landfills are those that as of January 1, 1990, accept non-hazardous special waste pursuant to the Illinois Environmental Protection Agency Non-Hazardous Special Waste Definition. List A includes landfills that may receive any non-hazardous waste. Non-Regional Pollutant Control Facilities are so noted. List B includes landfills designed to receive specific non-hazardous wastes. List B landfills are designated as a Regional Pollutant Control Facility by RPCF, or Non-regional Pollutant Control Facility by Non-RPCF.

Government Publication Date: Jan 1, 1990

Northeastern Illinois Planning Commission Historical Inventory of Solid Waste Disposal Sites in Northeastern Illinois: NIPC

Historical inventory of solid waste disposal sites in northeastern Illinois prepared by the Northeastern Illinois Planning Commission (NIPC).

Government Publication Date: Dec 1987

Clean Construction or Demolition Debris: CCDD

This is a list of CCDD Fill Operations with Approved Permits. Beginning July 1, 2008, no person can use CCDD as fill material in a current or former quarry, mine, or other excavation unless they have obtained a permit from the Illinois EPA.

Government Publication Date: Apr 19, 2022

Leaking Underground Storage Tanks (LUST): LUST

The Leaking Underground Storage Tank Incident Tracking (LIT) database identifies the status of all Illinois LUST incidents reported to the Illinois Emergency Management Agency (IEMA) and to the Illinois Environmental Protection Agency.

Government Publication Date: Apr 25, 2023

Leaking UST Document: LUST DOCUMENT

A list of sites from the Illinois Environmental Protection Agency (IEPA) Document Explorer at which one or more of the documents is in the Leaking Underground Storage Tank (LUST) category. The IEPA Document Explorer provides online access to numerous Illinois EPA public records which are maintained in a digital format.

Government Publication Date: Apr 19, 2023

Delisted Leaking Underground Storage Tank Sites: DELISTED LUST

List of sites removed from the Leaking Underground Storage Tank Incident Tracking (LIT) database made available by the Illinois Environmental Protection Agency.

Government Publication Date: Apr 19, 2023

Underground Storage Tank Fund Payment Priority List: LUST TRUST

In case sufficient funds are not available in the Underground Storage Tank Fund, requests for payment are entered on the Payment Priority List by "queue date" order. As required by the Environmental Protection Act, the queue date is the date that a complete request for partial or final payment was received by the Agency. The queue date is "officially" confirmed at the end of the payment review process when a Final Decision Letter is sent to the site owner. The Underground Storage Tank Fund Priority list made available by Illinois Environmental Protection Agency.

Government Publication Date: Nov 01, 2016

Underground Storage Tank Database (UST): UST

This database maintained by Division of Petroleum & Chemical Safety, contains information derived from tank registration information supplied to the Office of the Illinois State Fire Marshal (OSFM) from outside sources.

Government Publication Date: Apr 25, 2023

Aboveground Storage Tanks (AST): AST

A list of aboveground storage tanks inspected by the Office of State Fire Marshal (OSFM).

Government Publication Date: Jun 30, 2023

Delisted Storage Tanks: DELISTED TANK

This database contains a list of closed storage tank sites that were removed from the illinois Department of Enivornmental Quality.

Government Publication Date: May 31, 2023

Sites with Engineering Controls: ENG

Sites in the Illinois Environmental Protection Agency (IEPA)'s Site Remedition Program (SRP) database with engineering controls in place.

Government Publication Date: Jun 28, 2023

Institutional Controls: INST

Sites in the Illinois Environmental Protection Agency (IEPA)'s Site Remedition Program (SRP) database with institutional controls in place.

Government Publication Date: Jun 28, 2023

Environmental Covenants Registry: AUL

According to the Illinois Environmental Protection Agency (Illinois EPA), the Illinois Uniform Environmental Covenants Act (UECA) (765 Illinois Compiled Statues (ILCS) 122 et seq.) creates an environmental covenant that is a specific recordable interest in real estate. It arises from an environmental response project that imposes activity and use limitations on a property. No environmental covenant is effective without the approval of the Illinois EPA, through the Director's signature. The UECA instrument recites the property use controls and remediation requirements imposed upon the property. Section 12(a) of the Illinois UECA requires the Illinois EPA to establish and maintain a registry that contains all environmental covenants and any amendment or termination of those covenants.

Government Publication Date: Aug 7, 2020

Illinois Site Remediation Program Database: SRP

The Site Remediation Program (SRP) database identifies the status of all voluntary remediation projects administered through the Pre-Notice Site Cleanup Program (1989 to 1995) and the Site Remediation Program (1996 to the present). This Site Remediation program database made available by Illinois Environmental Protection Agency.

Government Publication Date: Jun 28, 2023

Document Explorer Remediation and Assessment Sites: REM ASSESS

A list of sites from the Illinois Environmental Protection Agency (IEPA) Document Explorer at which one or more documents available are associated with the Federal Facilities Unit, National Priorities List Unit, Site Assessment Unit, or Voluntary Site Remediation Unit. The IEPA Document Explorer provides online access to numerous Illinois EPA public records which are maintained in a digital format.

Government Publication Date: Apr 19, 2023

Brownfields Redevelopment Assessment Database: BROWNFIELDS

The Office of Site Evaluations Redevelopment Assessment database identifies the status of properties within the State in which the Illinois EPA's Office of Site Evaluation has conducted a Municipal Brownfields Redevelopment Grant (MBRG) project.

Government Publication Date: Mar 24, 2022

Municipal Brownfields Redevelopment Grant Program (MBRGP) project sites administered through OBA: BROWN MBRGP

The Office of Brownfields Assistance (OBA) database identifies the status of all Municipal Brownfields Redevelopment Grant Program (MBRGP) project sites administered through OBA. Office of Brownfields Assistance Database search made available by Illinois Environmental Protection Agency's Bureau of Land Data-Center.

Government Publication Date: Mar 31, 2013

Tribal

Leaking Underground Storage Tanks on Indian Lands: INDIAN LUST

This list of leaking underground storage tanks (LUSTs) on Tribal/Indian Lands in Region 5, which includes Illinois, is made available by the United States Environmental Protection Agency (EPA). There are no federally recognized Tribes in Illinois, according to the U.S. Department of Interior, Bureau of Indian Affairs.

Government Publication Date: Oct 16, 2017

Underground Storage Tanks (USTs) on Indian Lands: INDIAN UST

This list of underground storage tanks (USTs) on Tribal/Indian Lands in Region 5, which includes Illinois, is made available by the United States Environmental Protection Agency (EPA). There are no federally recognized Tribes in Illinois, according to the U.S. Department of Interior, Bureau of Indian Affairs.

Government Publication Date: Oct 16, 2017

Delisted Tribal Leaking Storage Tanks: DELISTED INDIAN LST

Leaking Underground Storage Tank (LUST) facilities which once appeared on - and have since been removed from - the Regional Tribal/Indian LUST lists made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Apr 26, 2023

Delisted Tribal Underground Storage Tanks: DELISTED INDIAN UST

Underground Storage Tank (UST) facilities which once appeared on - and have since been removed from - the Regional Tribal/Indian UST lists made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Apr 26, 2023

County

Chicago Storage Tanks: TANKS CHICAGO

This dataset contains Aboveground Storage Tank (AST) and Underground Storage Tank (UST) information from the City of Chicago Department of Public Health's (CDPH) Tank Asset Database. The Tank Asset Database contains tank information from CDPH AST and UST permit applications as well as UST records imported from the historic City of Chicago Department of Environment (DOE) database. This dataset also includes AST records from the historic DOE and pre-1992 UST records from the Building Department.

Government Publication Date: May 31, 2023

Chicago Environmental Permits: PERMITS CHICAGO

Permits issued by the City of Chicago Department of Environment (DOE) from January 1993 to December 31, 2011 and by the City of Chicago Department of Public Health (CDPH) since January 1, 2012. On January 1, 2012, the DOE was disbanded and all its inspection, permitting, and enforcement authorities were transferred to the CDPH.

Government Publication Date: Jun 15, 2023

Additional Environmental Record Sources

Federal

Facility Registry Service/Facility Index: FINDS/FRS

The Facility Registry Service (FRS) is a centrally managed database that identifies facilities, sites, or places subject to environmental regulations or of environmental interest. FRS creates high-quality, accurate, and authoritative facility identification records through rigorous verification and management procedures that incorporate information from program national systems, state master facility records, and data collected from EPA's Central Data Exchange registrations and data management personnel. This list is made available by the Environmental Protection Agency (US EPA).

Government Publication Date: Aug 18, 2022

Toxics Release Inventory (TRI) Program: TRIS

The U.S. Environmental Protection Agency's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of toxic chemicals from U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment. There are currently 770 individually listed chemicals and 33 chemical categories covered by the TRI Program. Facilities that manufacture, process or otherwise use these chemicals in amounts above established levels must submit annual reporting forms for each chemical. Note that the TRI chemical list does not include all toxic chemicals used in the U.S. One of TRI's primary purposes is to inform communities about toxic chemical releases to the environment.

Government Publication Date: Oct 19, 2022

PFOA/PFOS Contaminated Sites: PFAS NPL

This list of National Priorities List (NPL) and related Superfund Alternative Agreement (SAA) sites where PFOA or PFOS contaminants have been detected in water and/or soil is provided by the U.S. Environmental Protection Agency (EPA). EPA Disclaimer with FOIA file: Inclusion on the list does not necessarily mean that drinking water has been affected, nor does inclusion mean that anyone at the site has been exposed or is at risk for detrimental health effects.

Government Publication Date: Jun 15, 2023

Federal Agency Locations with Known or Suspected PFAS Detections: PFAS FED SITES

List of Federal agency locations with known or suspected detections of Per- and Polyfluoroalkyl Substances (PFAS), made available by the U.S. Environmental Protection Agency (EPA) in their PFAS Analytic Tools data. EPA outlines that these data are gathered from several federal entities, such as the Federal Superfund program, Department of Defense (DOD), National Aeronautics and Space Administration, Department of Transportation, and Department of Energy. The dates this data was extracted for the PFAS Analytic Tools range from March 2022 to April 2023. Sites on this list do not necessarily reflect the source/s of PFAS contamination and detections do not indicate level of risk or human exposure at the site. Agricultural notifications in this data are limited to DOD sites only. At this time, the EPA is aware that this list is not comprehensive of all Federal agencies.

Government Publication Date: Apr 24, 2023

SSEHRI PFAS Contamination Sites: PFAS SSEHRI

This PFAS Contamination Site Tracker database is compiled by the Social Science Environmental Health Research Institute (SSEHRI) at Northeastern University. According to the SSEHRI, the database records qualitative and quantitative data from each known site of PFAS contamination, including timeline of discovery, sources, levels, health impacts, community response, and government response. The goal of this database is to compile information and support public understanding of the rapidly unfolding issue of PFAS contamination. All data presented was extracted from government websites, news articles, or publicly available documents, and this is cited in the tracker. Locations for the Known PFAS Contamination Sites are sourced from the PFAS Sites and Community Resources Map, credited to the Northeastern University's PFAS Project Lab, Silent Spring Institute, and the PFAS-REACH team. Disclaimer: The source conveys the data undergoes regular updates as new information becomes available, some sites may be missing and/or contain information that is incorrect or outdated, as well as their information represents all contamination sites SSEHRI is aware of, not all possible contamination sites. This data is not intended to be used for legal purposes. Access the following source link for the most current information: https://pfasproject.com/pfas-sites-and-community-resources/

Government Publication Date: Oct 9, 2022

National Response Center PFAS Spills: ERNS PFAS

This Per- and Poly-Fluoroalkyl Substances (PFAS) Spills dataset is made available via the U.S. Environmental Protection Agency's (EPA) PFAS Analytic Tools. The National Response Center (NRC), operated by the U.S. Coast Guard, serves as an emergency call center that fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. Response center calls from 1990 to the most recent complete calendar year where there was indication of Aqueous Film Forming Foam (AFFF) usage are included in this dataset. NRC calls may reference AFFF usage in the "Material Involved" or "Incident Description" fields. Limitations: The data from the NRC website contain initial incident data that has not been validated or investigated by a federal/state response agency. Keyword searches may misidentify some incident reports that do not contain PFAS. This dataset should also not be considered to be exhaustive of all PFAS spills/release incidents.

Government Publication Date: Apr 15, 2023

PFAS NPDES Discharge Monitoring: PFAS NPDES

This list of National Pollutant Discharge Elimination System (NPDES) permitted facilities with required monitoring for Per- and Polyfluoroalkyl (PFAS) Substances is made available via the U.S. Environmental Protection Agency (EPA)'s PFAS Analytic Tools. Any point-source wastewater discharger to waters of the United States must have a NPDES permit, which defines a set of parameters for pollutants and monitoring to ensure that the discharge does not degrade water quality or impair human health. This list includes NPDES permitted facilities associated with permits that monitor for Per- and Polyfluoroalkyl Substances (PFAS), limited to the years 2007 - present. EPA further advises the following regarding these data: currently, fewer than half of states have required PFAS monitoring for at least one of their permittees, and fewer states have established PFAS effluent limits for permittees. For states that may have required monitoring, some reporting and data transfer issues may exist on a state-by-state basis.

Government Publication Date: Feb 19, 2023

Perfluorinated Alkyl Substances (PFAS) from Toxic Release Inventory: PFAS TRI

List of Toxics Release Inventory (TRI) facilities at which the reported chemical is a per- or polyfluoroalkyl (PFAS) substance included in the U.S. Environmental Protection Agency's (EPA) consolidated PFAS Master List of PFAS Substances. Encompasses Toxics Release Inventory records included in the EPA PFAS Analytic Tools. The EPA's TRI database currently tracks information on disposal or releases of 770 individually listed toxic chemicals and 33 chemical categories from thousands of U.S. facilities and details about how facilities manage those chemicals through recycling, energy recovery, and treatment.

Government Publication Date: Oct 19, 2022

Perfluorinated Alkyl Substances (PFAS) Water Quality: PFAS WATER

The Water Quality Portal (WQP) is a cooperative service sponsored by the United States Geological Survey (USGS), the Environmental Protection Agency (EPA), and the National Water Quality Monitoring Council (NWQMC). This listing includes records from the Water Quality Portal where the characteristic (environmental measurement) is in the Environmental Protection Agency (EPA)'s consolidated Master List of PFAS Substances.

Government Publication Date: Jul 20, 2020

PFAS TSCA Manufacture and Import Facilities: PFAS TSCA

The U.S. Environmental Protection Agency (EPA) issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. This list is specific only to TSCA Manufacture and Import Facilities with reported per- and poly-fluoroalkyl (PFAS) substances. Data file is sourced from EPA's PFAS Analytic Tools TSCA dataset which includes CDR/Inventory Update Reporting data from 1998 up to 2020. Disclaimer: This data file includes production and importation data for chemicals identified in EPA's CompTox Chemicals Dashboard list of PFAS without explicit structures and list of PFAS structures in DSSTox. Note that some regulations have specific chemical structure requirements that define PFAS differently than the lists in EPA's CompTox Chemicals Dashboard. Reporting information on manufactured or imported chemical substance amounts should not be compared between facilities, as some companies claim Chemical Data Reporting Rule data fields for PFAS information as Confidential Business Information.

Government Publication Date: Jan 5, 2023

PFAS Waste Transfers from RCRA e-Manifest : PFAS E-MANIFEST

This Per- and Poly-Fluoroalkyl Substances (PFAS) Waste Transfers dataset is made available via the U.S. Environmental Protection Agency's (EPA) PFAS Analytic Tools. Every shipment of hazardous waste in the U.S. must be accompanied by a shipment manifest, which is a critical component of the cradle-to-grave tracking of wastes mandated by the Resource Conservation and Recovery Act (RCRA). According to the EPA, currently no Federal Waste Code exists for any PFAS compounds. To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: • PFAS • PFOA • PFOS • PERFL • AFFF • GENX • GEN-X (plus the Vermont state-specific waste codes). Limitations: Amount or concentration of PFAS being transferred cannot be determined from the manifest information. Keyword searches may misidentify some manifest records that do not contain PFAS. This dataset should also not be considered to be exhaustive of all PFAS waste transfers.

Government Publication Date: Apr 9, 2023

PFAS Industry Sectors: PFAS IND

This Per- and Poly-Fluoroalkyl Substances (PFAS) Industry Sectors dataset is made available via the U.S. Environmental Protection Agency's (EPA) PFAS Analytic Tools. The EPA developed the dataset from various sources that show which industries may be handling PFAS including: EPA's Enforcement and Compliance History Online (ECHO) records restricted to potential PFAS-handling industry sectors; ECHO records for Fire Training Sites identified where fire-fighting foam may have been used in training exercises; and 14 CFR Part 139 Airports compiled from historic and current records from the FAA Airport Data and Information Portal. Since July 2006, all certificated Part 139 Airports are required to have fire-fighting foam onsite that meet certain military specifications, which to date have been fluorinated (Aqueous Film Forming Foam). Limitations: Inclusion in this dataset does not indicate that PFAS are being manufactured, processed, used, or released by the facility. Listed facilities potentially handle PFAS based on their industrial profile, but are unconfirmed by the EPA. Keyword searches in ECHO for Fire Training sites may misidentify some facilities and should not be considered to be an exhaustive list of fire training facilities in the U.S.

Government Publication Date: Apr 16, 2023

Hazardous Materials Information Reporting System: HMIRS

US DOT - Department of Transportation Pipeline and Hazardous Materials Safety Administration (PHMSA) Incidents Reports Database taken from Hazmat Intelligence Portal, U.S. Department of Transportation.

Government Publication Date: Sep 1, 2020

National Clandestine Drug Labs: NCDL

The U.S. Department of Justice ("the Department"), Drug Enforcement Administration (DEA), provides this data as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy.

Government Publication Date: Feb 8, 2023

Toxic Substances Control Act: TSCA

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.

The CDR enables EPA to collect and publish information on the manufacturing, processing, and use of commercial chemical substances and mixtures (referred to hereafter as chemical substances) on the TSCA Chemical Substance Inventory (TSCA Inventory). This includes current information on chemical substance production volumes, manufacturing sites, and how the chemical substances are used. This information helps the Agency determine whether people or the environment are potentially exposed to reported chemical substances. EPA publishes submitted CDR data that is not Confidential Business Information (CBI).

Government Publication Date: Apr 11, 2019

Hist TSCA: HIST TSCA

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.

The 2006 IUR data summary report includes information about chemicals manufactured or imported in quantities of 25,000 pounds or more at a single site during calendar year 2005. In addition to the basic manufacturing information collected in previous reporting cycles, the 2006 cycle is the first time EPA collected information to characterize exposure during manufacturing, processing and use of organic chemicals. The 2006 cycle also is the first time manufacturers of inorganic chemicals were required to report basic manufacturing information.

Government Publication Date: Dec 31, 2006

FTTS Administrative Case Listing: FTTS ADMIN

An administrative case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

FTTS Inspection Case Listing: FTTS INSP

An inspection case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

Potentially Responsible Parties List: PRP

Early in the site cleanup process, the U.S. Environmental Protection Agency (EPA) conducts a search to find the Potentially Responsible Parties (PRPs). The EPA looks for evidence to determine liability by matching wastes found at the site with parties that may have contributed wastes to the site. This listing contains PRPs, Noticed Parties, at sites in the EPA's Superfund Enterprise Management System (SEMS).

Government Publication Date: Jan 25, 2023

State Coalition for Remediation of Drycleaners Listing: SCRD DRYCLEANER

The State Coalition for Remediation of Drycleaners (SCRD) was established in 1998, with support from the U.S. Environmental Protection Agency (EPA) Office of Superfund Remediation and Technology Innovation. Coalition members are states with mandated programs and funding for drycleaner site remediation. Current members are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin. Since 2017, the SCRD no longer maintains this data, refer to applicable state source data where available.

Government Publication Date: Nov 08, 2017

Integrated Compliance Information System (ICIS): ICIS

The U.S. Environmental Protection Agency's Enforcement and Compliance History Online system incorporates data from the Integrated Compliance Information System - National Pollutant Discharge Elimination System (ICIS-NPDES). ICIS-NPDES is an information management system maintained by the Office of Compliance to track permit compliance and enforcement status of facilities regulated by the NPDES under the Clean Water Act. This data includes permit, inspection, violation and enforcement action information for applicable ICIS records.

Government Publication Date: Oct 15, 2022

Drycleaner Facilities: FED DRYCLEANERS

A list of drycleaner facilities from Enforcement and Compliance History Online (ECHO) data as made available by the U.S. Environmental Protection Agency (EPA), sourced from the ECHO Exporter file. The EPA tracks facilities that possess NAIC and SIC codes that classify businesses as drycleaner establishments.

Government Publication Date: Apr 15, 2023

Delisted Drycleaner Facilities: DELISTED FED DRY

List of sites removed from the list of Drycleaner Facilities (sites in the EPA's Integrated Compliance Information System (ICIS) with NAIC or SIC codes identifying the business as a drycleaner establishment).

Government Publication Date: Apr 15, 2023

Formerly Used Defense Sites: FUDS

Formerly Used Defense Sites (FUDS) are properties that were formerly owned by, leased to, or otherwise possessed by and under the jurisdiction of the Secretary of Defense prior to October 1986, where the Department of Defense (DOD) is responsible for an environmental restoration. The FUDS Annual Report to Congress (ARC) is published by the U.S. Army Corps of Engineers (USACE). This data is compiled from the USACE's Geospatial FUDS data layers and Homeland Infrastructure Foundation-Level Data (HIFLD) FUDS dataset.

Government Publication Date: Jul 12, 2022

FUDS Munitions Response Sites: FUDS MRS

Boundaries of Munitions Response Sites (MRS), published with the Formerly Used Defense Sites (FUDS) Annual Report to Congress (ARC) by the U.S. Army Corps of Engineers (USACE). An MRS is a discrete location within a Munitions response area (MRA) that is known to require a munitions response. An MRA means any area on a defense site that is known or suspected to contain unexploded ordnance (UXO), discarded military munitions (DMM), or munitions constituents (MC). This data is compiled from the USACE's Geospatial MRS data layers and Homeland Infrastructure Foundation-Level Data (HIFLD) MRS dataset.

Government Publication Date: Jul 12, 2022

Former Military Nike Missile Sites: FORMER NIKE

This information was taken from report DRXTH-AS-IA-83A016 (Historical Overview of the Nike Missile System, 12/1984) which was performed by Environmental Science and Engineering, Inc. for the U.S. Army Toxic and Hazardous Materials Agency Assessment Division. The Nike system was deployed between 1954 and the mid-1970's. Among the substances used or stored on Nike sites were liquid missile fuel (JP-4); starter fluids (UDKH, aniline, and furfuryl alcohol); oxidizer (IRFNA); hydrocarbons (motor oil, hydraulic fluid, diesel fuel, gasoline, heating oil); solvents (carbon tetrachloride, trichloroethylene, trichloroethane, stoddard solvent); and battery electrolyte. The quantities of material a disposed of and procedures for disposal are not documented in published reports. Virtually all information concerning the potential for contamination at Nike sites is confined to personnel who were assigned to Nike sites. During deactivation most hardware was shipped to depot-level supply points. There were reportedly instances where excess materials were disposed of on or near the site itself at closure. There was reportedly no routine site decontamination.

Government Publication Date: Dec 2, 1984

PHMSA Pipeline Safety Flagged Incidents: PIPELINE INCIDENT

A list of flagged pipeline incidents made available by the U.S. Department of Transportation (US DOT) Pipeline and Hazardous Materials Safety Administration (PHMSA). PHMSA regulations require incident and accident reports for five different pipeline system types.

Government Publication Date: Mar 31, 2021

Material Licensing Tracking System (MLTS): MLTS

A list of sites that store radioactive material subject to the Nuclear Regulatory Commission (NRC) licensing requirements. This list is maintained by the NRC. As of September 2016, the NRC no longer releases location information for sites. Site locations were last received in July 2016.

Government Publication Date: May 11, 2021

Historic Material Licensing Tracking System (MLTS) sites: HIST MLTS

A historic list of sites that have inactive licenses and/or removed from the Material Licensing Tracking System (MLTS). In some cases, a site is removed from the MLTS when the state becomes an "Agreement State". An Agreement State is a State that has signed an agreement with the Nuclear Regulatory Commission (NRC) authorizing the State to regulate certain uses of radioactive materials within the State.

Government Publication Date: Jan 31, 2010

Mines Master Index File: MINES

The Master Index File (MIF) is provided by the United State Department of Labor, Mine Safety and Health Administration (MSHA). This file, which was originally created in the 1970's, contained many Mine-IDs that were invalid. MSHA removes invalid IDs from the MIF upon discovery. MSHA applicable data includes the following: all Coal and Metal/Non-Metal mines under MSHA's jurisdiction since 1/1/1970; mine addresses for all mines in the database except for Abandoned mines prior to 1998 from MSHA's legacy system (addresses may or may not correspond with the physical location of the mine itself); violations that have been assessed penalties as a result of MSHA inspections beginning on 1/1/2000; and violations issued as a result of MSHA inspections conducted beginning on 1/1/2000.

Government Publication Date: Nov 7, 2022

Surface Mining Control and Reclamation Act Sites: SMCRA

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by the Office of Surface Mining Reclamation and Enforcement (OSMRE) to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of Abandoned Mine Land (AML) impacts, as well as information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Government Publication Date: Aug 18, 2022

Mineral Resource Data System: MRDS

The Mineral Resource Data System (MRDS) is a collection of reports describing metallic and nonmetallic mineral resources throughout the world. Included are deposit name, location, commodity, deposit description, geologic characteristics, production, reserves, resources, and references. This database contains the records previously provided in the Mineral Resource Data System (MRDS) of USGS and the Mineral Availability System/Mineral Industry Locator System (MAS/MILS) originated in the U.S. Bureau of Mines, which is now part of USGS. The USGS has ceased systematic updates of the MRDS database with their focus more recently on deposits of critical minerals while providing a well-documented baseline of historical mine locations from USGS topographic maps.

Government Publication Date: Mar 15, 2016

DOE Legacy Management Sites: LM SITES

The U.S. Department of Energy (DOE) Office of Legacy Management (LM) currently manages radioactive and chemical waste, environmental contamination, and hazardous material at over 100 sites across the U.S. The LM manages sites with diverse regulatory drivers (statutes or programs that direct cleanup and management requirements at DOE sites) or as part of internal DOE or congressionally-recognized programs, such as but not limited to: Formerly Utilized Sites Remedial Action Program (FUSRAP), Uranium Mill Tailings Radiation Control Act (UMTRCA Title I, Tile II), Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), Resource Conservation and Recovery Act (RCRA), Decontamination and Decommissioning (D&D), Nuclear Waste Policy Act (NWPA). This site listing includes data exported from the DOE Office of LM's Geospatial Environmental Mapping System (GEMS). GEMS Data disclaimer: The DOE Office of LM makes no representation or warranty, expressed or implied, regarding the use, accuracy, availability, or completeness of the data presented herein.

Government Publication Date: May 25, 2023

Alternative Fueling Stations: ALT FUELS

This list of alternative fueling stations is sourced from the Alternative Fuels Data Center (AFDC). The U.S. Department of Energy's Office of Energy Efficiency & Renewable Energy launched the AFDC in 1991 as a repository for alternative fuel vehicle performance data, which provides a wealth of information and data on alternative and renewable fuels, advanced vehicles, fuel-saving strategies, and emerging transportation technologies. The data includes Biodiesel (B20 and above), Compressed Natural Gas (CNG), Electric, Ethanol (E85), Hydrogen, Liquefied Natural Gas (LNG), Propane (LPG), and Renewable Diesel (R20 and above) fuel type locations.

Government Publication Date: Jun 5, 2023

Superfunds Consent Decrees: CONSENT DECREES

This list of Superfund consent decrees is provided by the Department of Justice, Environment & Natural Resources Division (ENRD) through a Freedom of Information Act (FOIA) applicable file. This listing includes Consent Decrees for CERCLA or Superfund Sites filed and/or as proposed within the ENRD's Case Management System (CMS) since 2010. CMS may not reflect the latest developments in a case nor can the agency guarantee the accuracy of the data. ENRD Disclaimer: Congress excluded three discrete categories of law enforcement and national security records from the requirements of the FOIA; response is limited to those records that are subject to the requirements of the FOIA; however, this should not be taken as an indication that excluded records do, or do not, exist.

Government Publication Date: Apr 19, 2023

Air Facility System: AFS

This EPA retired Air Facility System (AFS) dataset contains emissions, compliance, and enforcement data on stationary sources of air pollution. Regulated sources cover a wide spectrum; from large industrial facilities to relatively small operations such as dry cleaners. AFS does not contain data on facilities that are solely asbestos demolition and/or renovation contractors, or landfills. ECHO Clean Air Act data from AFS are frozen and reflect data as of October 17, 2014; the EPA retired this system for Clean Air Act stationary sources and transitioned to ICIS-Air.

Government Publication Date: Oct 17, 2014

Registered Pesticide Establishments: SSTS

This national list of active EPA-registered foreign and domestic pesticide and/or device-producing establishments is based on data from the Section Seven Tracking System (SSTS). The Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) Section 7 requires that each producing establishment must place its EPA establishment number on the label or immediate container of each pesticide, active ingredient or device produced. An EPA establishment number on a pesticide product label identifies the EPA registered location where the product was produced. The list of establishments is made available by the U.S. Environmental Protection Agency (EPA).

Government Publication Date: Mar 1, 2023

Polychlorinated Biphenyl (PCB) Transformers: PCBT

Locations of Transformers Containing Polychlorinated Biphenyls (PCBs) registered with the United States Environmental Protection Agency. PCB transformer owners must register their transformer(s) with EPA. Although not required, PCB transformer owners who have removed and properly disposed of a registered PCB transformer may notify EPA to have their PCB transformer de-registered. Data made available by EPA.

Government Publication Date: Oct 15, 2019

Polychlorinated Biphenyl (PCB) Notifiers: PCB

Facilities included in the national list of facilities that have notified the United States Environmental Protection Agency (EPA) of Polychlorinated Biphenyl (PCB) activities. Any company or person storing, transporting or disposing of PCBs or conducting PCB research and development must notify the EPA and receive an identification number.

Government Publication Date: Nov 3, 2022

State

Spills and Incidents: SPILLS

A list of reports taken by Illinois Emergency Management Agency (IEMA) of Hazardous Material spills in Illinois.

Government Publication Date: Apr 26, 2023

Emergency Response Releases & Spills Database: SPILL OER

The Office of Emergency Response (OER) maintains the Emergency Response Releases & Spills Database.
The Emergency Operations Unit, within OER, coordinates Illinois EPA's response to environmental emergencies involving oil or hazardous materials and ensures that any environmental contamination is cleaned up. EOU works with other response agencies including the Illinois Emergency Management Agency (IEMA), which is the initial contact for responses to an emergency or disaster in Illinois.
Government Publication Date: Apr 26, 2023

Per- and Polyfluoroalkyl Substances (PFAS): PFAS

A list of reports taken by the Illinois Emergency Management Agency (IEMA) of incidents involving hazardous materials, where the hazardous material involved in the incident is in the PFAS Master List of PFAS Substances made available by the Environmental Protection Agency (US EPA).
Government Publication Date: Apr 26, 2023

Dry Cleaning Facilities: DRYCLEANERS

This list of licensed drycleaner facilities is provided by the Drycleaner Environmental Response Trust Fund of Illinois; and since July 1, 2020, is administrated by Illinois Environmental Protection Agency (IEPA).
Government Publication Date: Jun 14, 2023

Delisted Drycleaners: DELISTED DRYCLEANERS

List of sites removed from the drycleaners database made available by the Drycleaner Environmental Response Trust Fund of Illinois.
Government Publication Date: Jun 14, 2023

IEPA Document Explorer: IEPA DOCS

A list of permits and documents found in the Illinois Environmental Protection Agency (IEPA) Document Explorer. The IEPA Document Explorer provides online access to numerous Illinois EPA public records which are available in a digital format. This list includes records not otherwise categorized as LUST, Remediation, Air Permits, NPDES, or Compliance Commitment Agreements.
Government Publication Date: Apr 19, 2023

Clandestine Drug Labs: CDL

List of clandestine drug lab locations made available by the Illinois Department of Public Health. The Department maintains a list of properties from reports it receives from the Illinois State Police through the Illinois Emergency Management Agency.
Government Publication Date: Jan 4, 2023

Tier 2 Report: TIER 2

List of facilities who submit Tier II forms to the Illinois Emergency Management Agency (IEMA).
Government Publication Date: Nov 11, 2022

Air Permits: AIR PERMITS

A list of sites from the Illinois Environmental Protection Agency (IEPA) Document Explorer at which one or more of the documents is in the Air Permits (construction and operating) category. The IEPA Document Explorer provides online access to numerous Illinois EPA public records which are maintained in a digital format.
Government Publication Date: Apr 19, 2023

Underground Injection Control Wells: UIC

The Underground Injection Control (UIC) Program is a federal program established under the provision of the Safe Drinking Water Act of 1974. Since groundwater is a major source of drinking water in the United States, the UIC Program requirements were designed to prevent contamination of groundwater resulting from the operation of injection wells. The Underground Injection Well Inventory is provided by the Illinois Environmental Protection Agency. This inventory includes Class V Injections Wells which are utilized to inject non-hazardous waste into or above the Underground Source of Drinking Water.
Government Publication Date: Aug 1, 2019

Potentially Infectious Medical Waste Facilities: MEDICAL WASTE

Title 35 of the Illinois Administrative Code defines Potentially Infectious Medical Waste (PIMW) as waste generated in connection with the diagnosis, treatment (i.e., provision of medical services), or immunization of human beings or animals; research pertaining to the provision of medical services; or the provision or testing of biologicals. The Illinois Environmental Protection Agency's Bureau of Land is responsible for administering the PIMW program. The facilities included on this listing treat, store, transfer or dispose of PIMW.
Government Publication Date: Jun 6, 2023

Compost Facilities: COMPOST

The Illinois Environmental Protection Agency's Bureau of Land, Division of Land Pollution Control maintains this list of composting facilities. Composting facilities provide an alternative option to managing and disposing of non-hazardous solid waste and/or landscape waste instead of the waste being landfilled.

Government Publication Date: Sep 2, 2016

Tribal

No Tribal additional environmental record sources available for this State.

County

No County additional environmental record sources available for this State.

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

Appendix F
Aerial Photographs

HISTORICAL AERIALS

Project Property: 2023_0731-Residential
Property 15300-15337 Myrtle Ave Harvey, IL 60426
15300 Myrtle Ave
Harvey IL 60426

Project No: 2023_0731-Residential Property 15300-15337 Myrtle Ave Harvey, IL

Requested By: A3 Environmental, LLC

Order No: 23081101157

Date Completed: August 14,2023

Aerial Maps included in this report are produced by the sources listed above and are to be used for research purposes including a phase I report. Maps are not to be resold as commercial property. ERIS provides no warranty of accuracy or liability. The information contained in this report has been produced using aerial photos listed in above sources by ERIS Information Inc. (in the US) and ERIS Information Limited Partnership (in Canada), both doing business as 'ERIS'. The maps contained in this report do not purport to be and do not constitute a guarantee of the accuracy of the information contained herein. Although ERIS has endeavored to present information that is accurate, ERIS disclaims, any and all liability for any errors, omissions, or inaccuracies in such information and data, whether attributable to inadvertence, negligence or otherwise, and for any consequences arising therefrom. Liability on the part of ERIS is limited to the monetary value paid for this report.

Environmental Risk Information Services
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1.866.517.5204 | info@erisinfo.com | erisinfo.com

Date	Source	Scale	Comments
1938	Agricultural Stabilization & Conserv. Service	1" = 500'	
1952	United States Geological Survey	1" = 500'	
1962	United States Geological Survey	1" = 500'	
1973	United States Geological Survey	1" = 500'	
1983	United States Geological Survey	1" = 500'	
1990	Northeastern II Planning Commission	1" = 500'	
1999	United States Geological Survey	1" = 500'	
2006	United States Department of Agriculture	1" = 500'	
2009	United States Department of Agriculture	1" = 500'	
2011	United States Department of Agriculture	1" = 500'	
2012	United States Department of Agriculture	1" = 500'	
2014	United States Department of Agriculture	1" = 500'	
2015	United States Department of Agriculture	1" = 500'	
2017	United States Department of Agriculture	1" = 500'	
2019	United States Department of Agriculture	1" = 500'	
2022	MAXAR TECHNOLOGIES	1" = 500'	



Year: 1938
Source: ASCS
Scale: 1" = 500'
Comment:

Address: 15300 Myrtle Ave, Harvey, IL
Approx Center: -87.65270703,41.61097576

Order No: 23081101157

ERIS

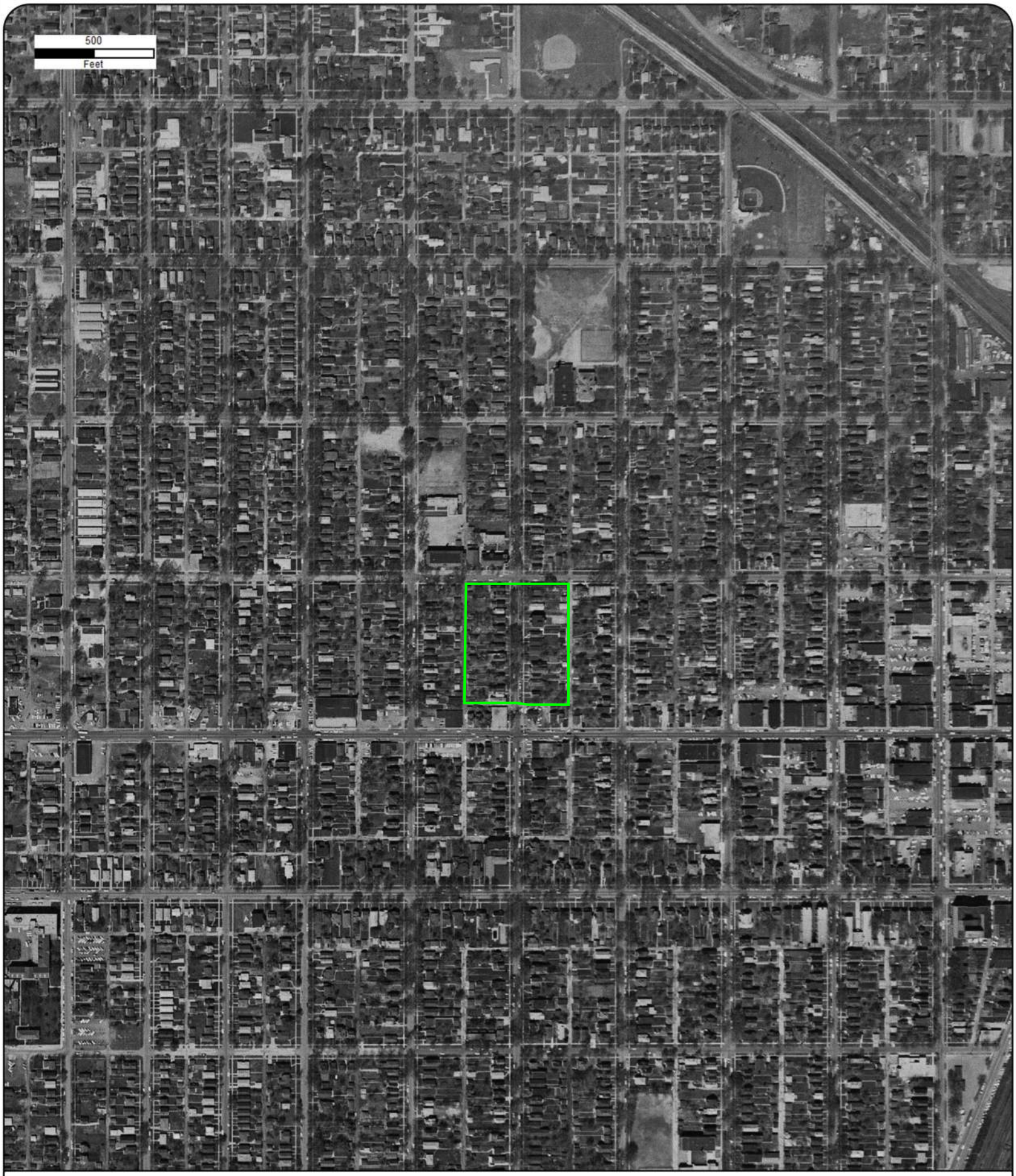


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Source: USGS
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Order No: 23081101157

ERIS



Year: 1962
Source: USGS
Scale: 1" = 500'
Comment:

Address: 15300 Myrtle Ave, Harvey, IL
Approx Center: -87.65270703,41.61097576

Order No: 23081101157

ERIS



Year: 1973
Source: USGS
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Order No: 23081101157

ERIS

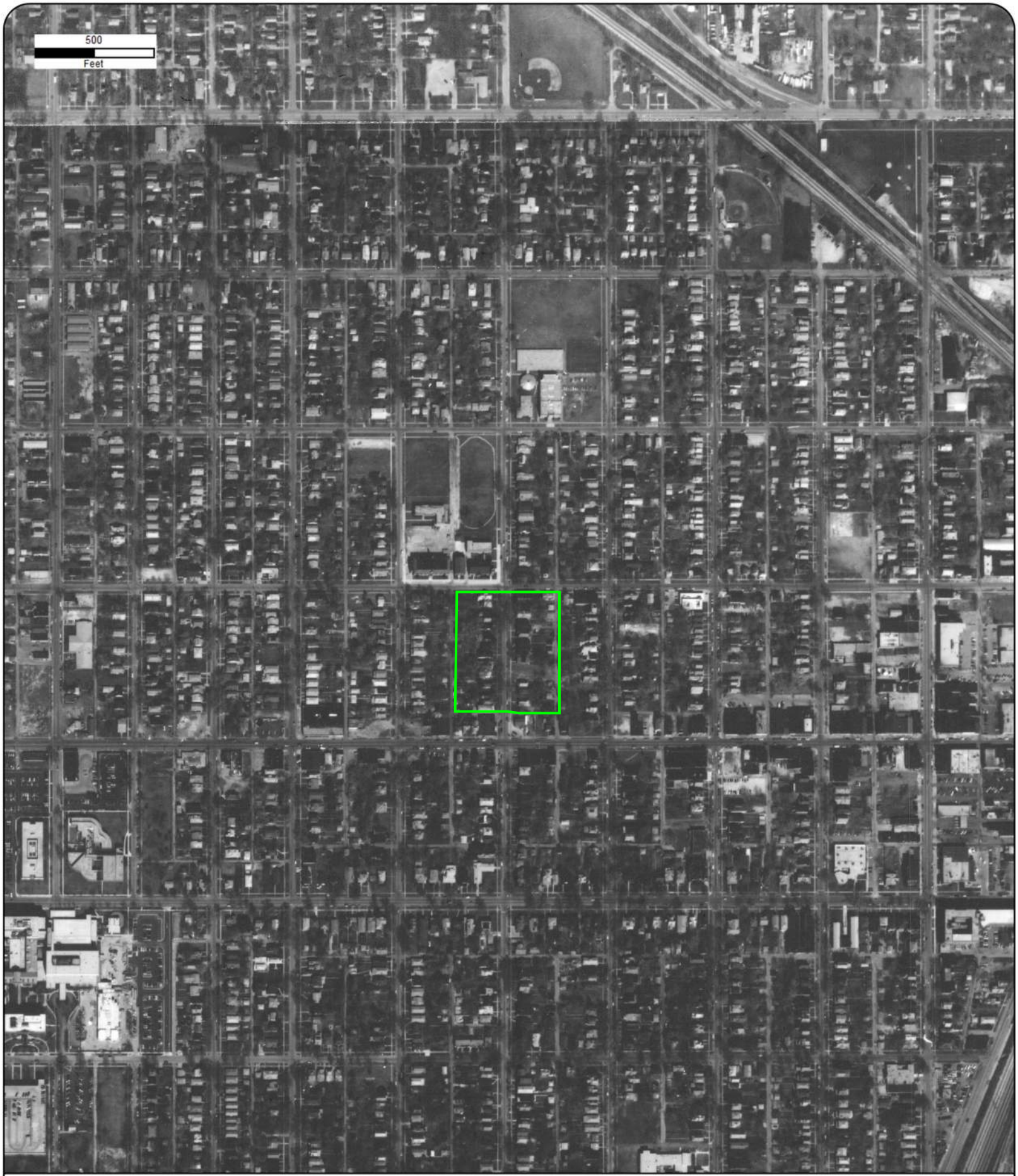


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Source: USGS
Scale: 1" = 500'
Comment:

Address: 15300 Myrtle Ave, Harvey, IL
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Order No: 23081101157

ERIS



Year: 1990
Source: NEIPC
Scale: 1" = 500'
Comment:

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Order No: 23081101157

ERIS

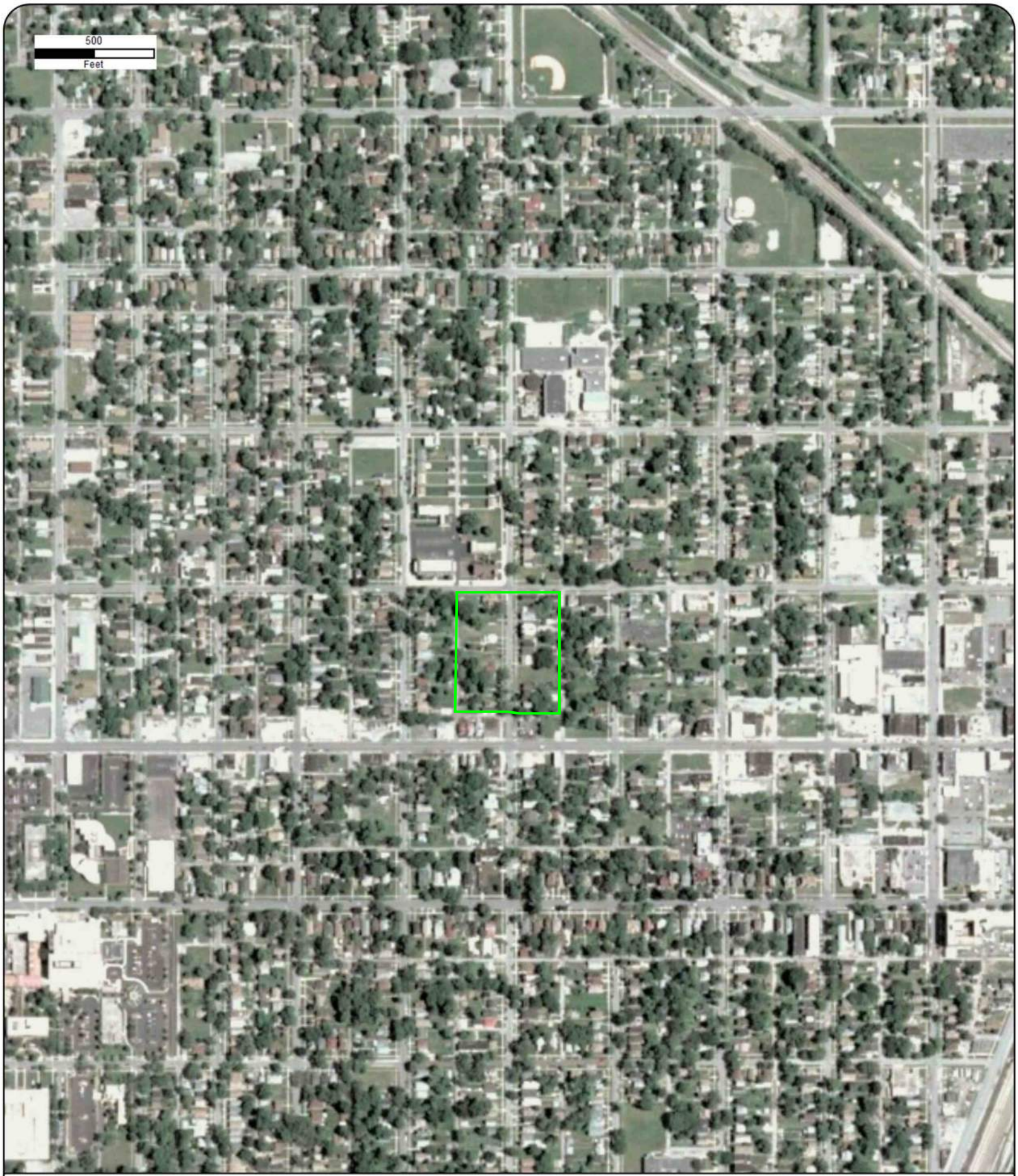


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Approx Center: -87.65270703,41.61097576

Order No: 23081101157

ERIS

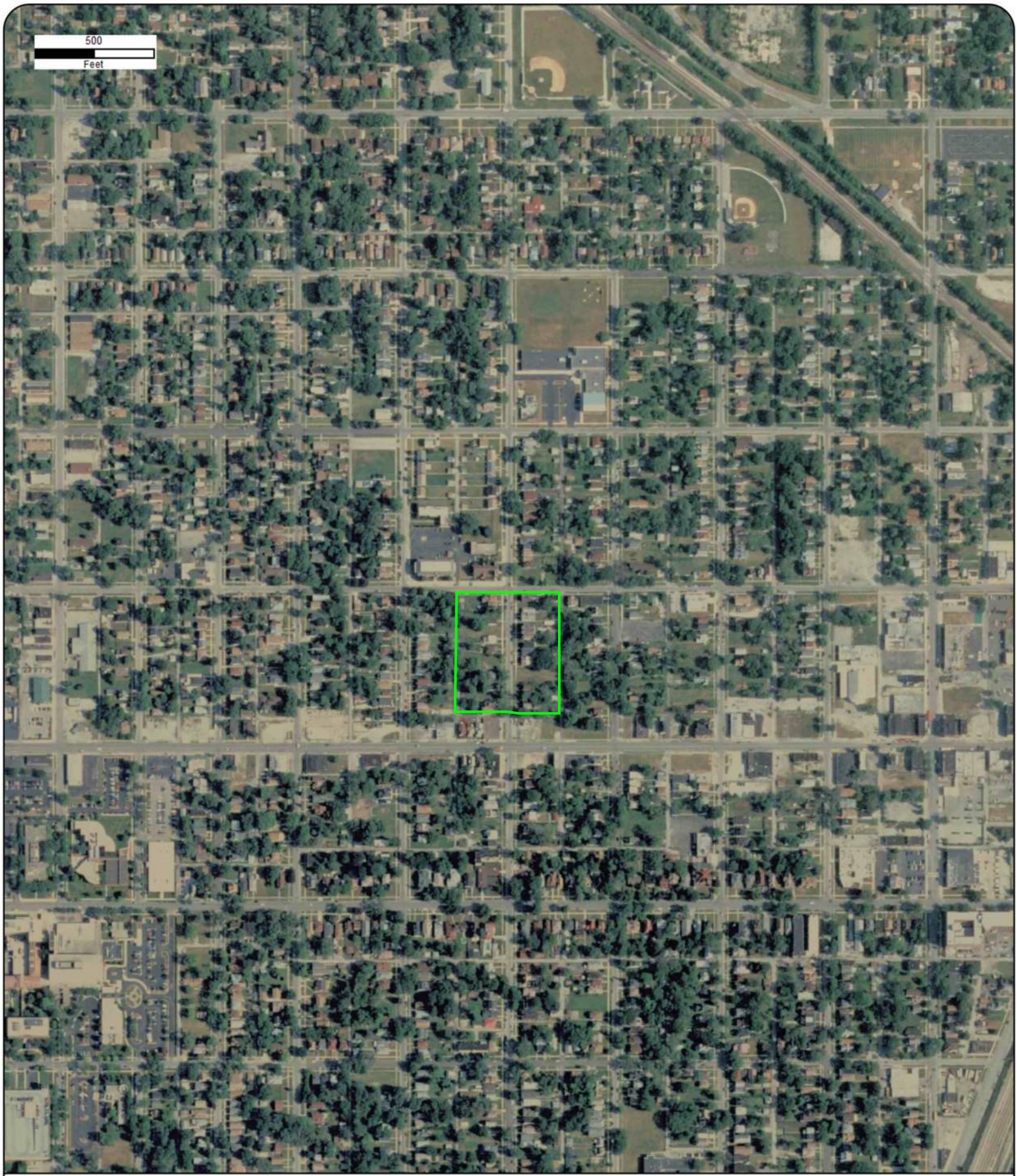


Year: 2006
Source: USDA
Scale: 1" = 500'
Comment:

Address: 15300 Myrtle Ave, Harvey, IL
Approx Center: -87.65270703,41.61097576

Order No: 23081101157

ERIS

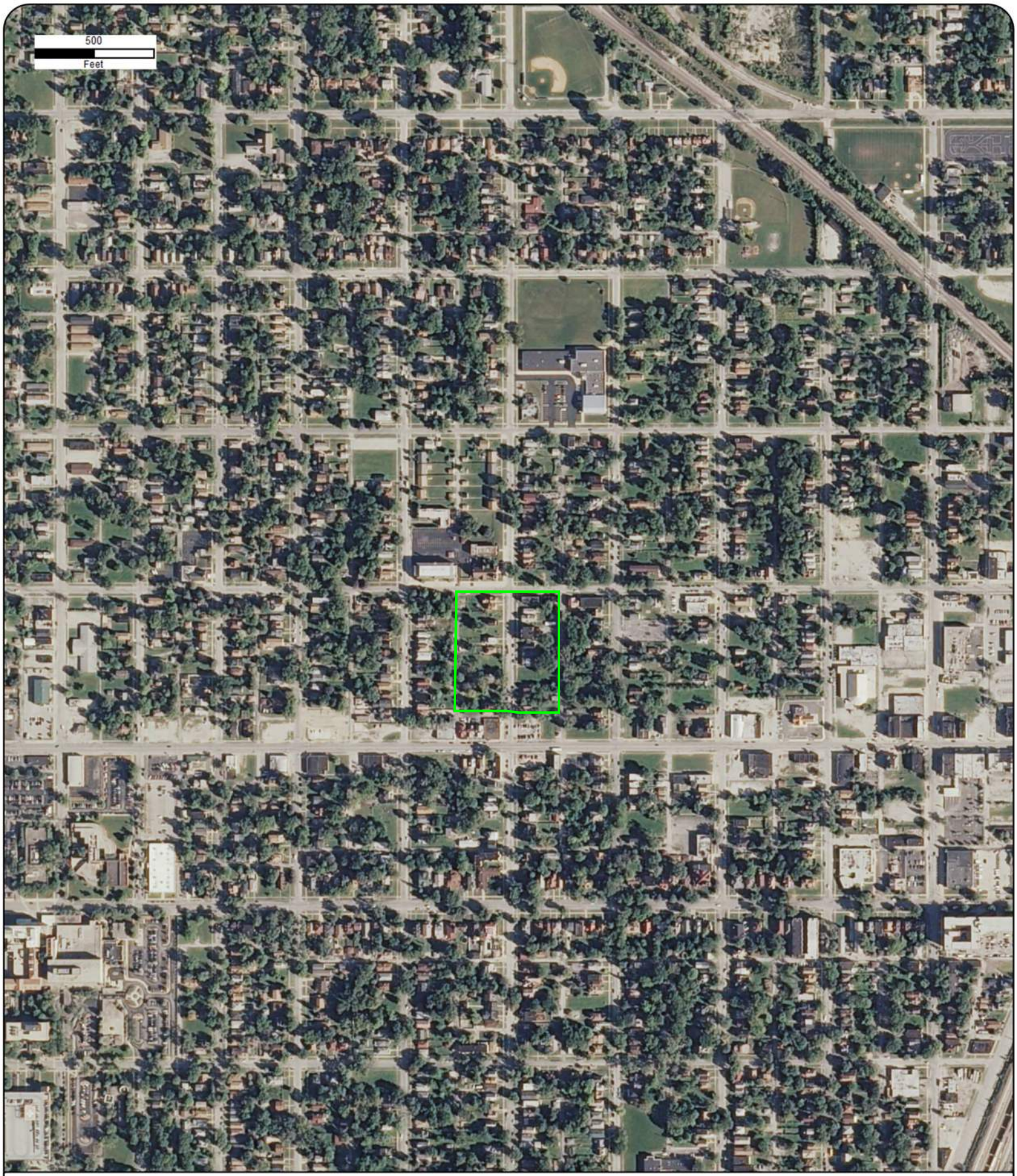


Year: 2009
Source: USDA
Scale: 1" = 500'
Comment:

Address: 15300 Myrtle Ave, Harvey, IL
Approx Center: -87.65270703,41.61097576

Order No: 23081101157

ERIS

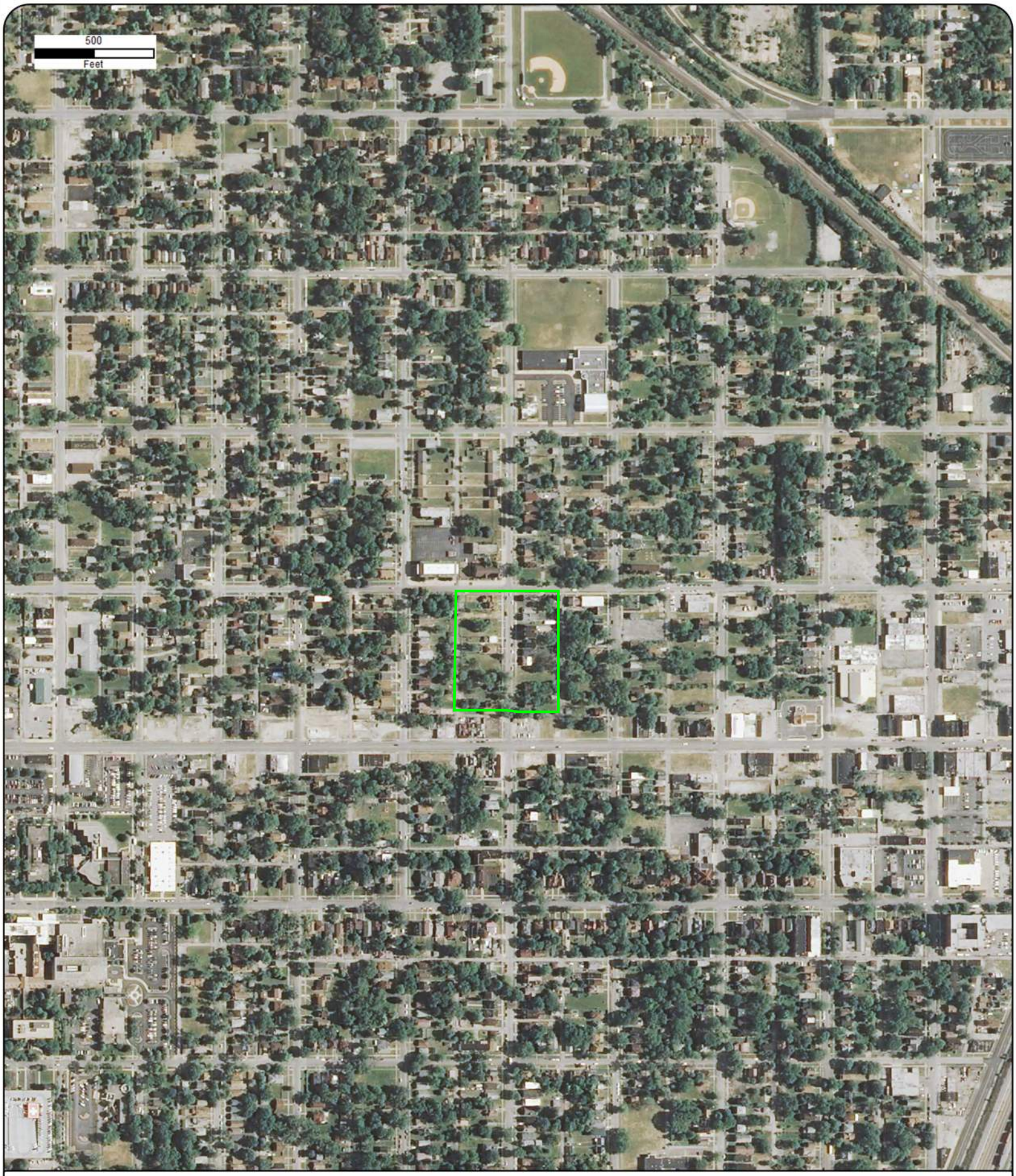


Year: 2011
Source: USDA
Scale: 1" = 500'
Comment:

Address: 15300 Myrtle Ave, Harvey, IL
Approx Center: -87.65270703,41.61097576

Order No: 23081101157

ERIS

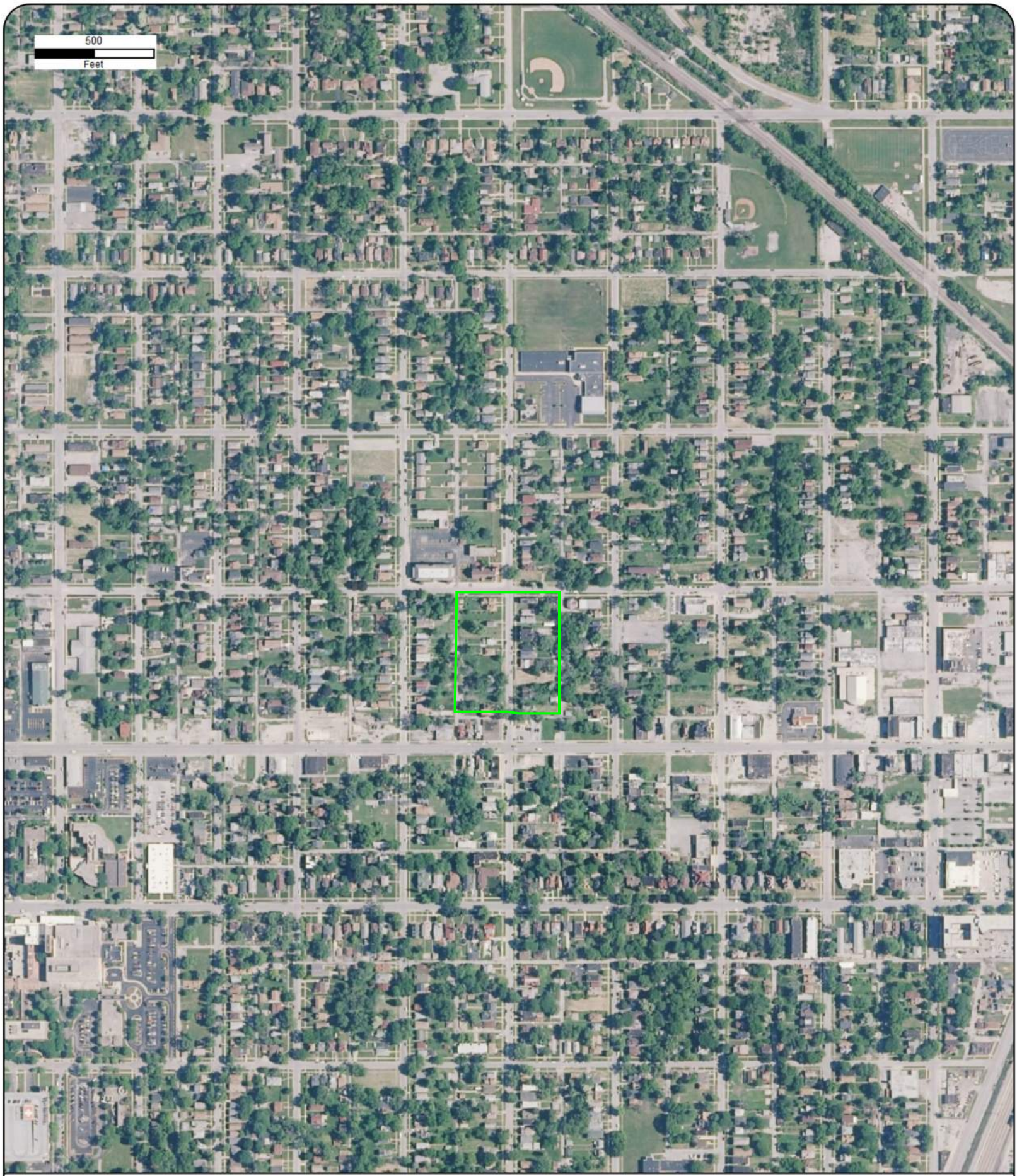


Year: 2012
Source: USDA
Scale: 1" = 500'
Comment:

Address: 15300 Myrtle Ave, Harvey, IL
Approx Center: -87.65270703,41.61097576

Order No: 23081101157

ERIS

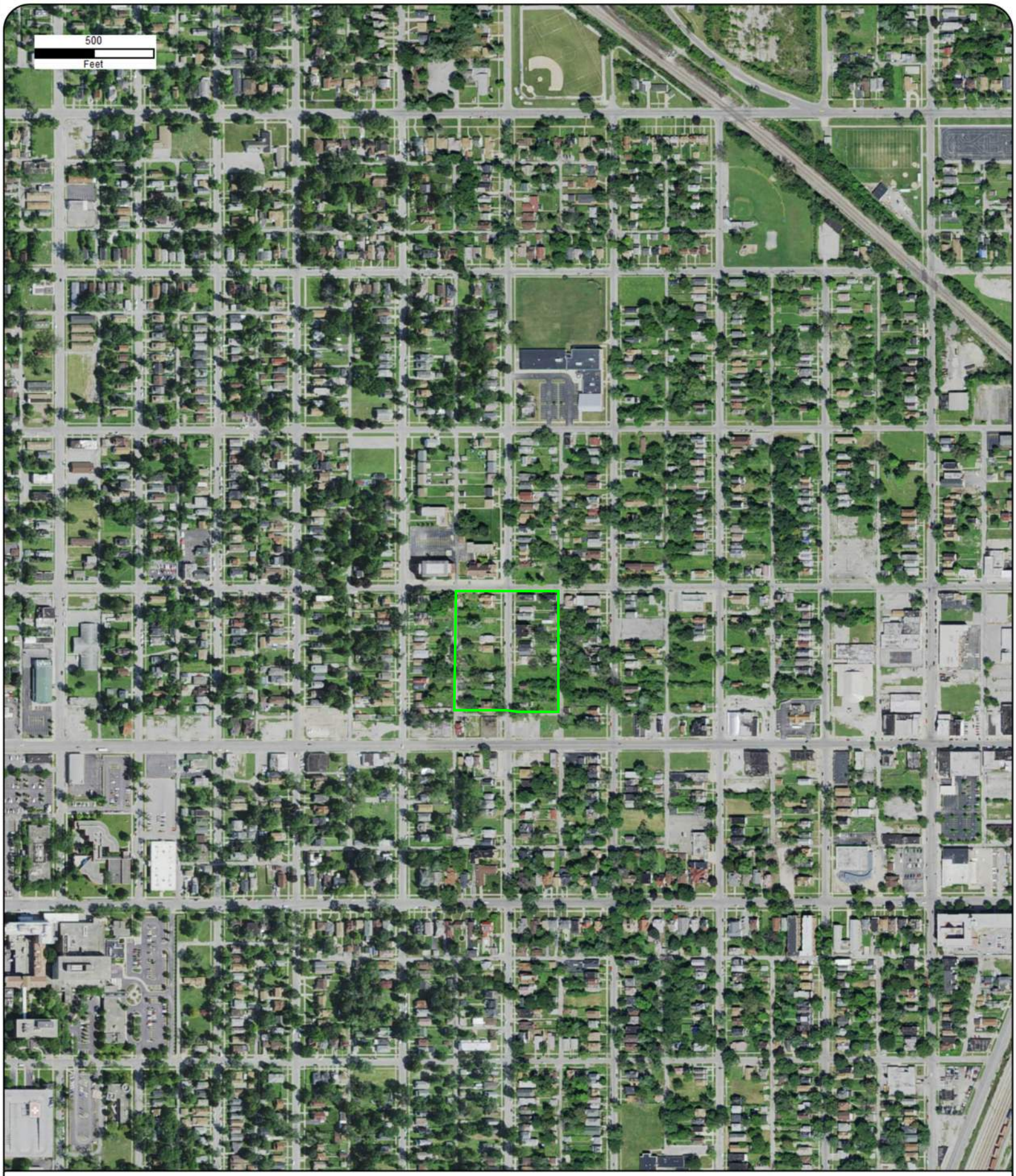


Year: 2014
Source: USDA
Scale: 1" = 500'
Comment:

Address: 15300 Myrtle Ave, Harvey, IL
Approx Center: -87.65270703,41.61097576

Order No: 23081101157

ERIS

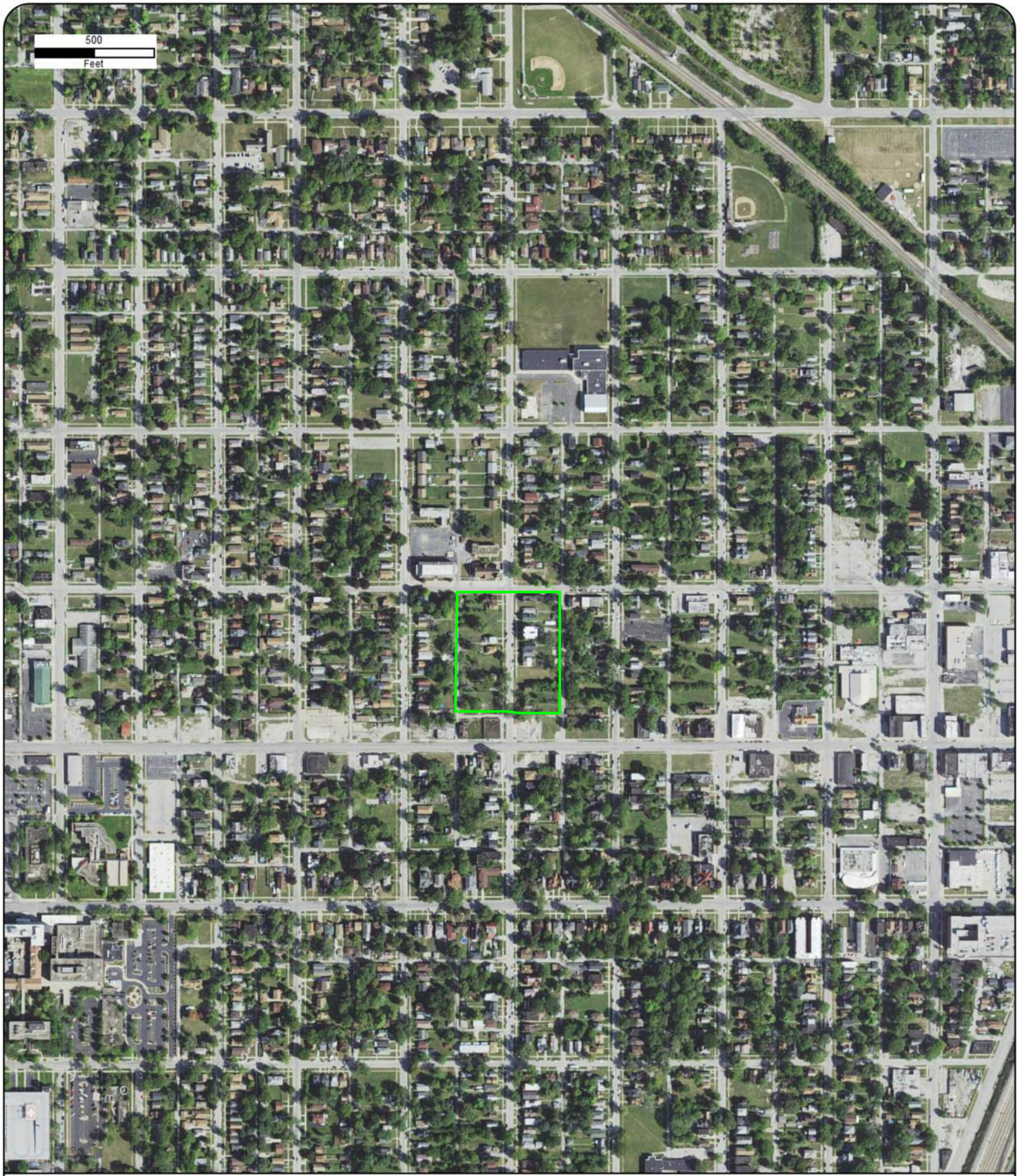


Year: 2015
Source: USDA
Scale: 1" = 500'
Comment:

Address: 15300 Myrtle Ave, Harvey, IL
Approx Center: -87.65270703,41.61097576

Order No: 23081101157

ERIS

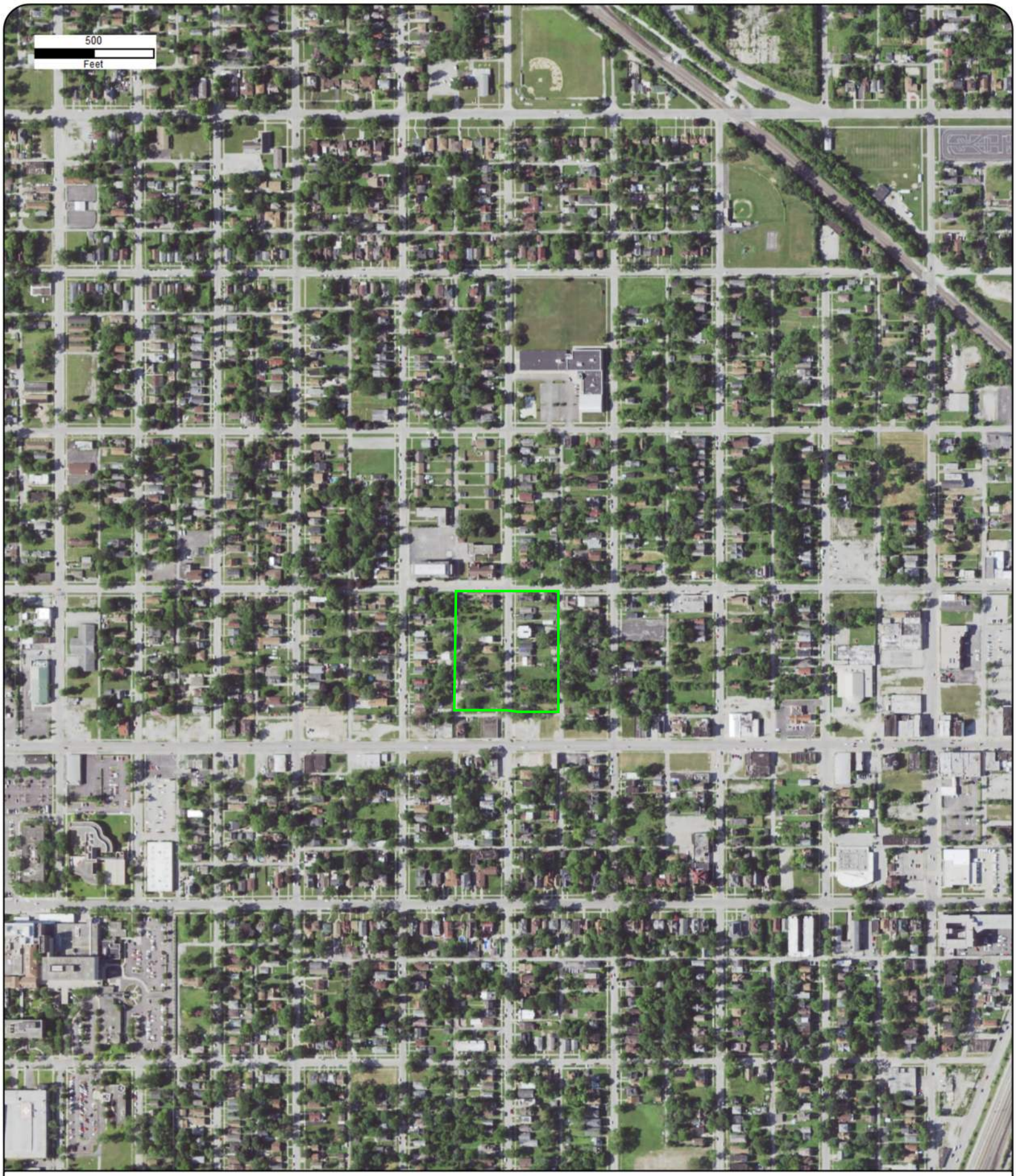


Year: 2017
Source: USDA
Scale: 1" = 500'
Comment:

Address: 15300 Myrtle Ave, Harvey, IL
Approx Center: -87.65270703,41.61097576

Order No: 23081101157

ERIS

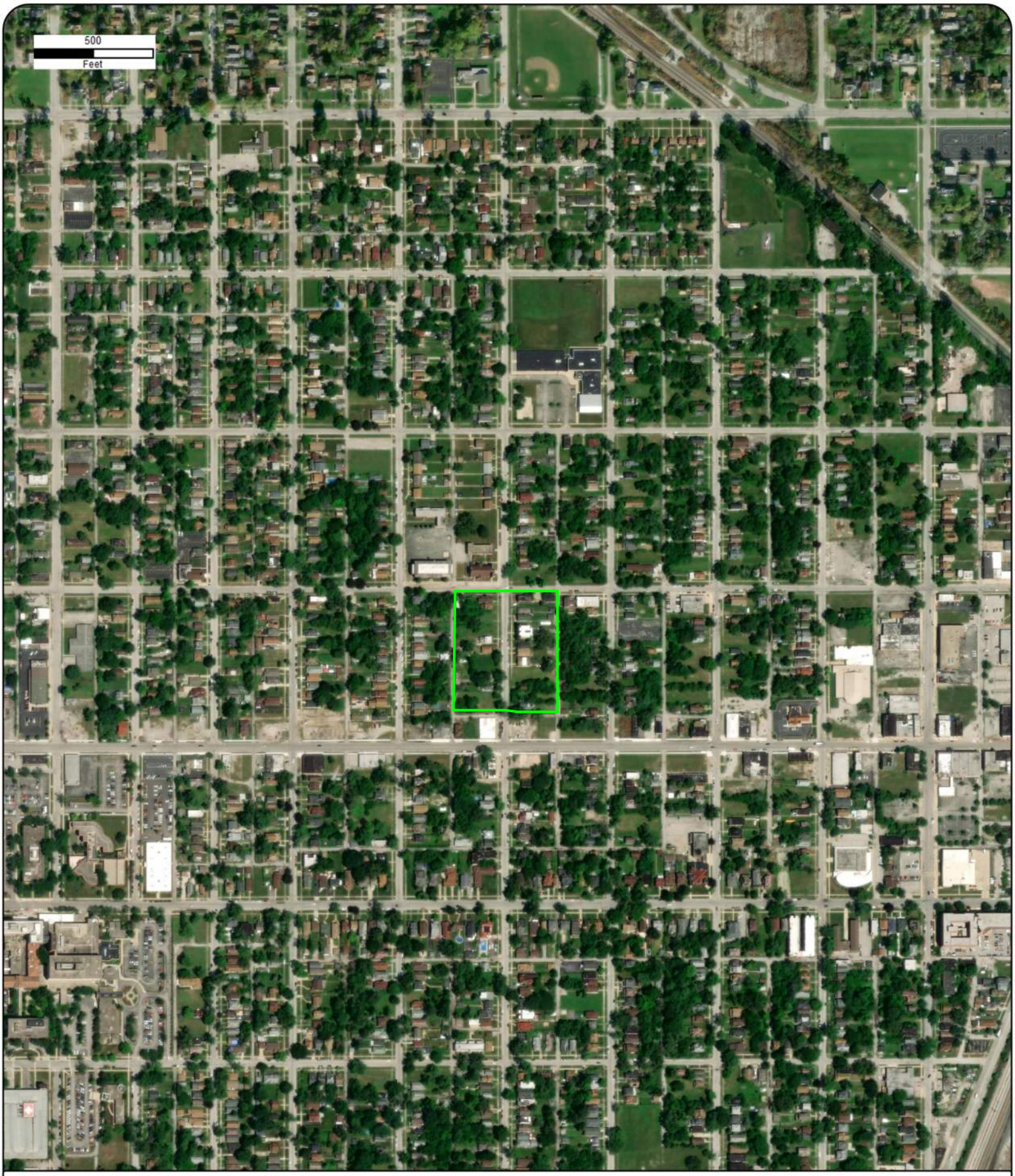


Year: 2019
Source: USDA
Scale: 1" = 500'
Comment:

Address: 15300 Myrtle Ave, Harvey, IL
Approx Center: -87.65270703,41.61097576

Order No: 23081101157

ERIS



Year: 2022
Source: MAXAR
Scale: 1" = 500'
Comment:

Address: 15300 Myrtle Ave, Harvey, IL
Approx Center: -87.65270703,41.61097576

Order No: 23081101157

ERIS

Appendix G
Fire Insurance Maps

FIRE INSURANCE MAPS

Project Property:	2023_0731-Residential Property 15300-15337 Myrtle Ave Harvey, IL 60 15300 Myrtle Ave Harvey IL 60426
Project No:	2023_0731-Residential Property 15300-15337 Myrtle Ave Harvey, IL 60
Requested By:	A3 Environmental, LLC
Order No:	23081101157
Date Completed:	August 12, 2023

Environmental Risk Information Services
A division of Glacier Media Inc.
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Listed below, please find the results of our search for historic fire insurance maps from our in-house collection, performed in conjuction with your ERIS report.

Date	City	State	Volume	Sheet Number(s)
1911	Chicago	Illinois	H	57, 58, 61, 62
1949	Chicago	Illinois	H	44, 57, 58, 61, 62
1951	Cook County	Illinois	1E	51, 52, 55, 56
1958	Cook County	Illinois	1E	51, 52, 55, 56
1965	Cook County	Illinois	1E	51, 52, 55, 56
1967	Cook County	Illinois	1E	51, 52, 55, 56
1975	Cook County	Illinois	1E	51, 52, 55, 56

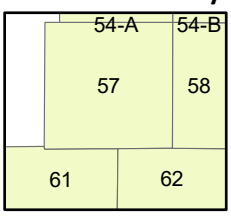
Individual Fire Insurance Maps for the subject property and/or adjacent sites are included with the ERIS environmental database report to be used for research purposes only and cannot be resold for any other commercial uses other than for use in a Phase I environmental assessment.

Fire Insurance Map



1911

Address: 15300 Myrtle Ave Harvey IL 60426



Map sheet(s):
Volume H: 57,58,61,62;

N

0 105 210 420 630 840

Feet

Order Number 23081101157

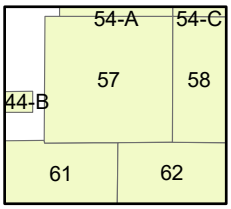
ERIS

Fire Insurance Map



1949

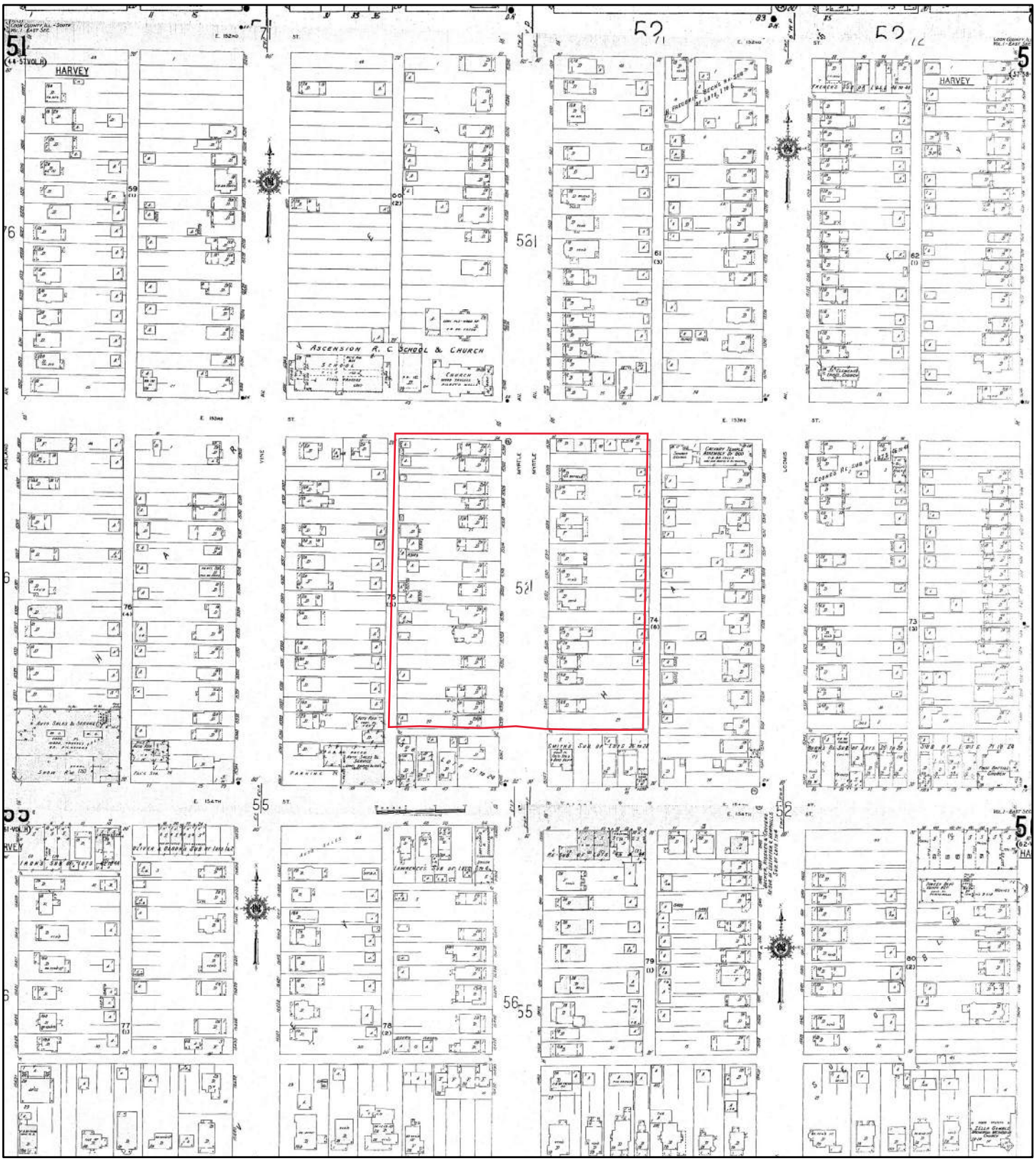
Address: 15300 Myrtle Ave Harvey IL 60426



Map sheet(s):
Volume H: 44,57,58,61,62;

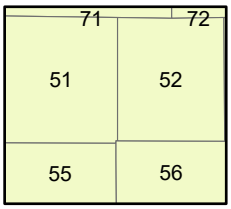
Order Number 23081101157

Fire Insurance Map



1951

Address: 15300 Myrtle Ave Harvey IL 60426



Map sheet(s):
Volume 1E: 51,52,55,56;

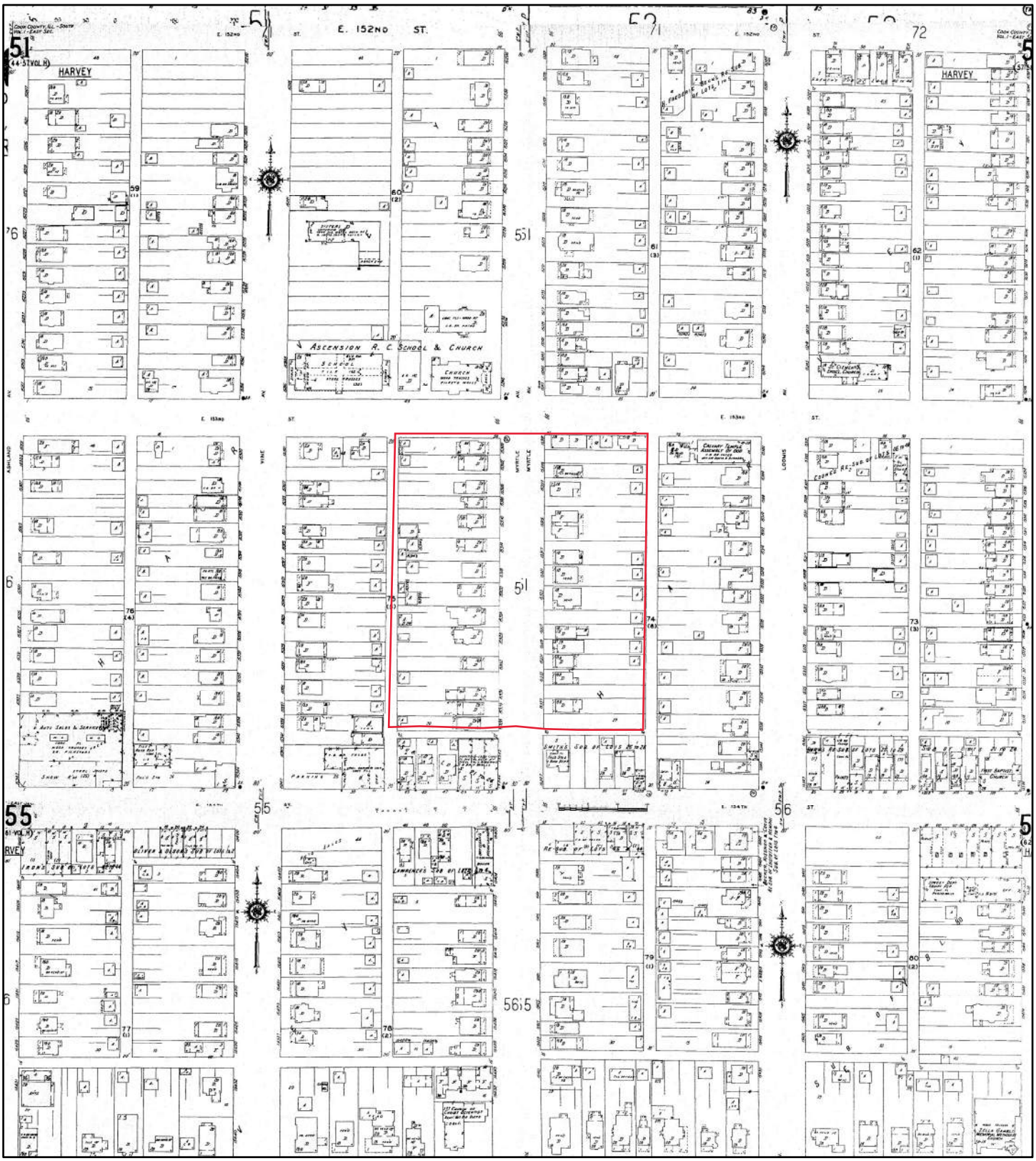
N

Feet 0 105 210 420 630 840

Order Number 23081101157

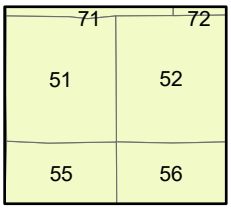
ERIS

Fire Insurance Map



1958

Address: 15300 Myrtle Ave Harvey IL 60426



Map sheet(s):
Volume 1E: 51,52,55,56;

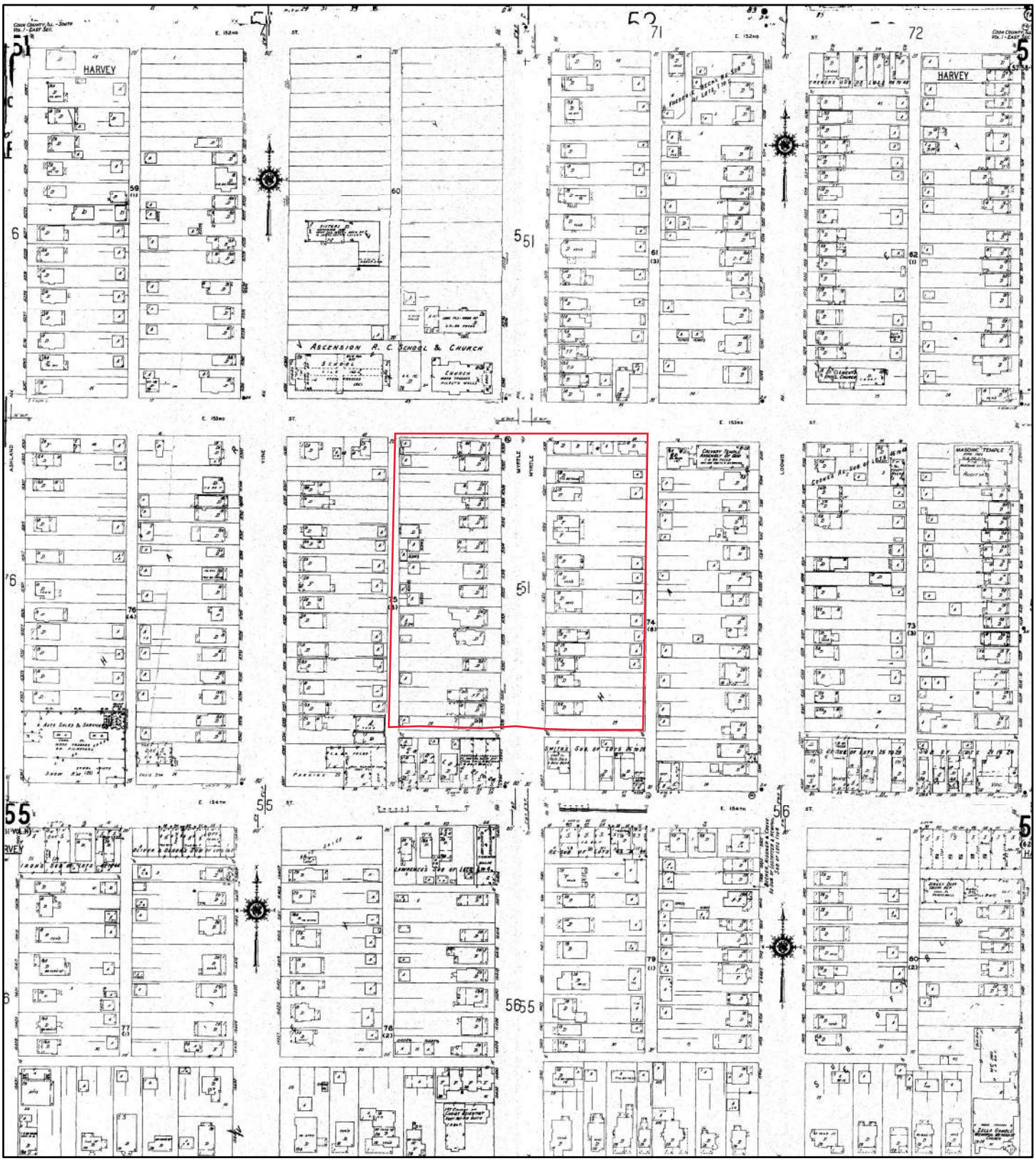
N

0 105 210 420 630 840
Feet

Order Number 23081101157

ERIS

Fire Insurance Map



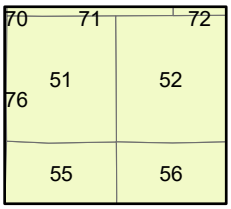
1965

0 105 210 420 630 840

N

Feet

Address: 15300 Myrtle Ave Harvey IL 60426

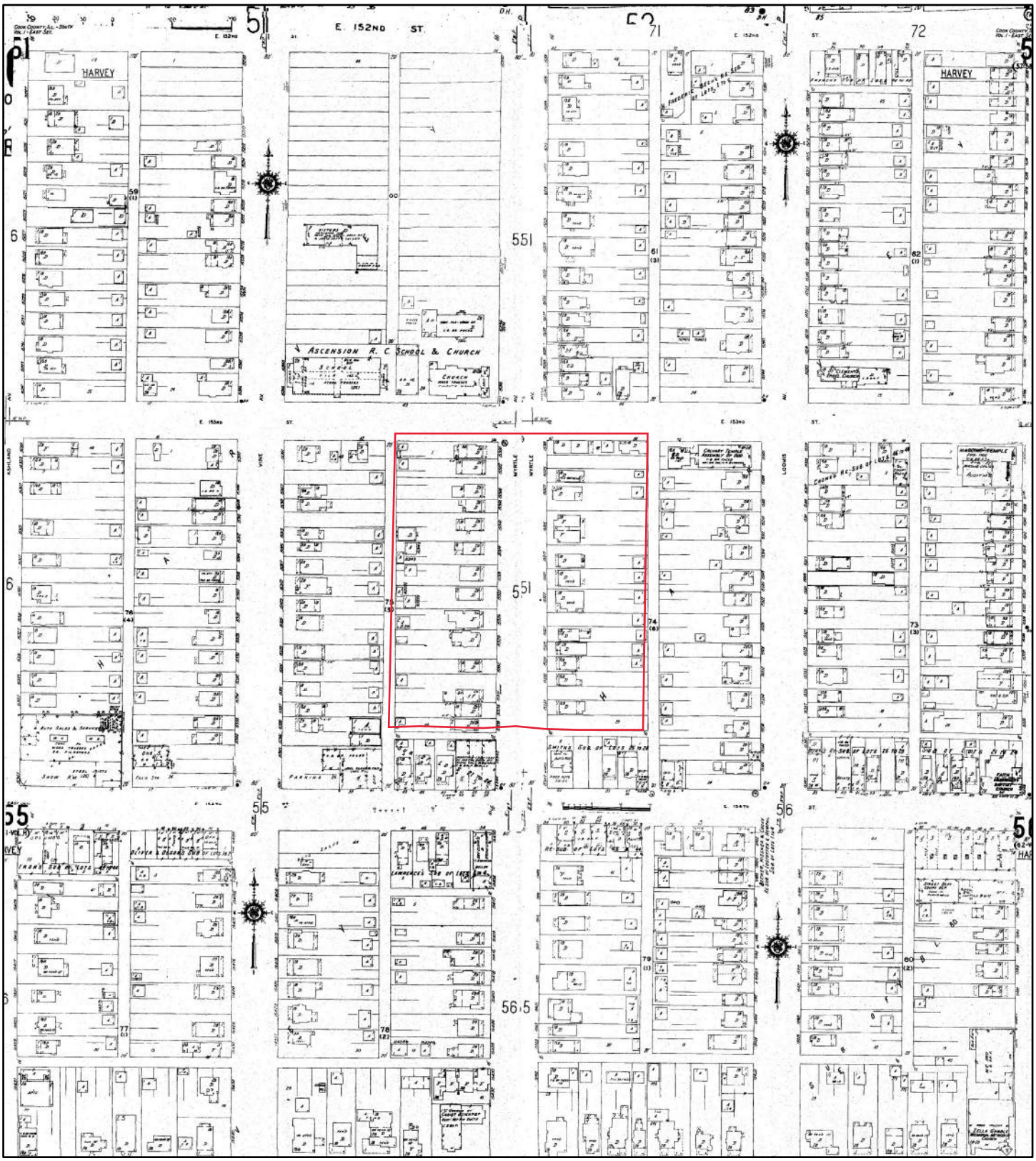


Map sheet(s):
Volume 1E: 51,52,55,56;

Order Number 23081101157

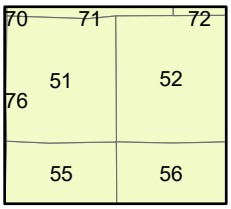
ERIS

Fire Insurance Map



1967

Address: 15300 Myrtle Ave Harvey IL 60426



Map sheet(s):
Volume 1E: 51,52,55,56;

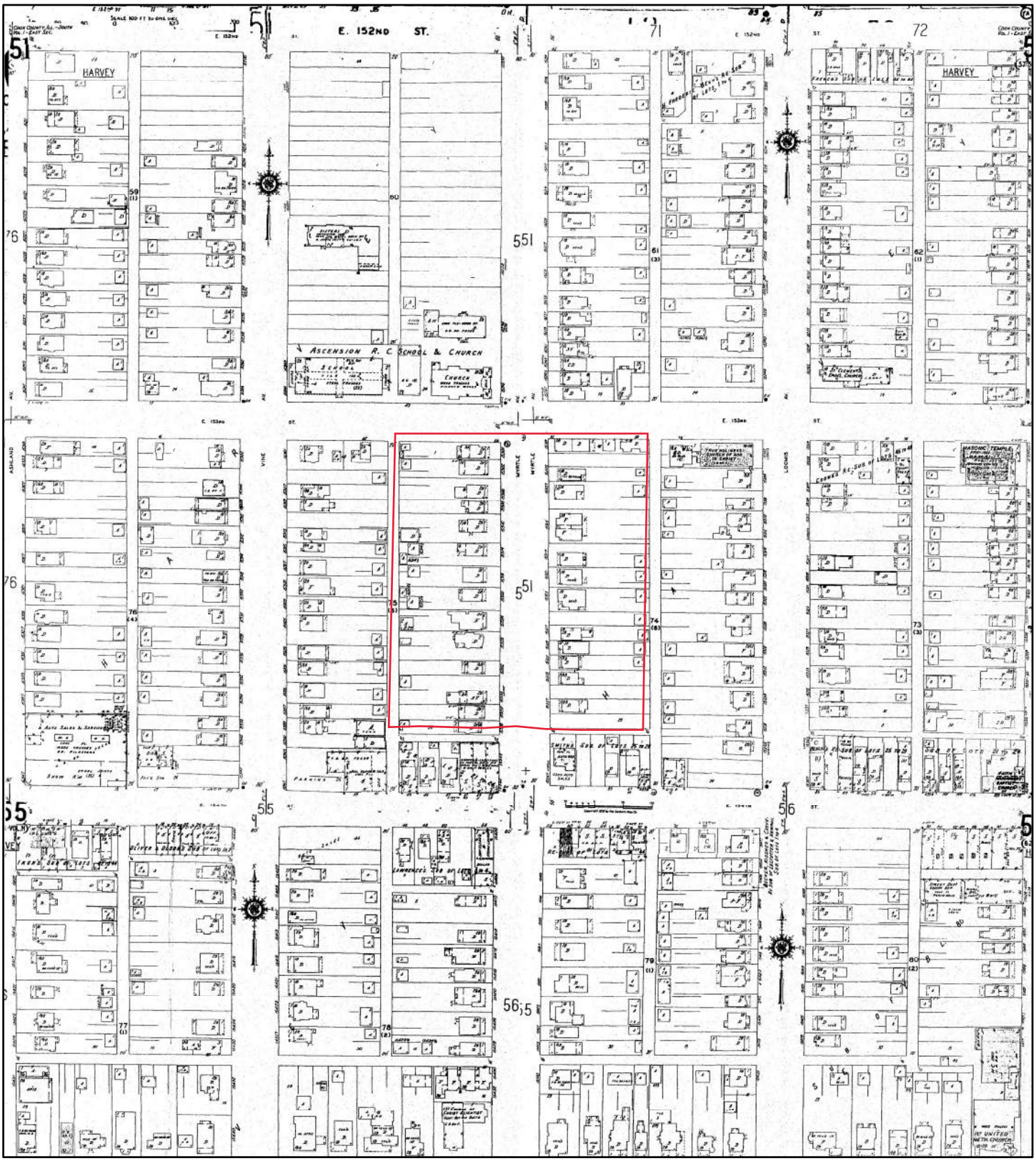
N

0 105 210 420 630 840
Feet

Order Number 23081101157

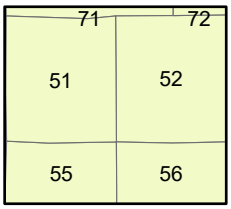
ERIS

Fire Insurance Map



1975

Address: 15300 Myrtle Ave Harvey IL 60426



Map sheet(s):
Volume 1E: 51,52,55,56;

N

0 105 210 420 630 840

Feet

Order Number 23081101157

ERIS

Appendix H
Topographic Maps

TOPOGRAPHIC MAPS

Project Property:	2023_0731-Residential Property■15300-15337 Myrtle Ave Harvey, IL 6 15300 Myrtle Ave Harvey IL 60426
Project No:	2023_0731-Residential Property 15300-15337 Myrtle Ave Harvey, IL 60
Requested By:	A3 Environmental, LLC
Order No:	23081101157
Date Completed:	August 14, 2023

Environmental Risk Information Services
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1.866.517.5204 | info@erisinfo.com | erisinfo.com

We have searched USGS collections of current topographic maps and historical topographic maps for the project property. Below is a list of maps found for the project property and adjacent area. Maps are from 7.5 and 15 minute topographic map series, if available.

Year	Map Series
1892	15
1893	15
1900	15
1901	15
1929	7.5
1943	7.5
1953	7.5
1963	7.5
1973	7.5
1993	7.5
1998	7.5
2015	7.5
2021	7.5

Topographic Map Symbology for the maps may be available in the following documents:

Pre-1947

Page 223 of 1918 Topographic Instructions

Page 130 of 1928 Topographic Instructions

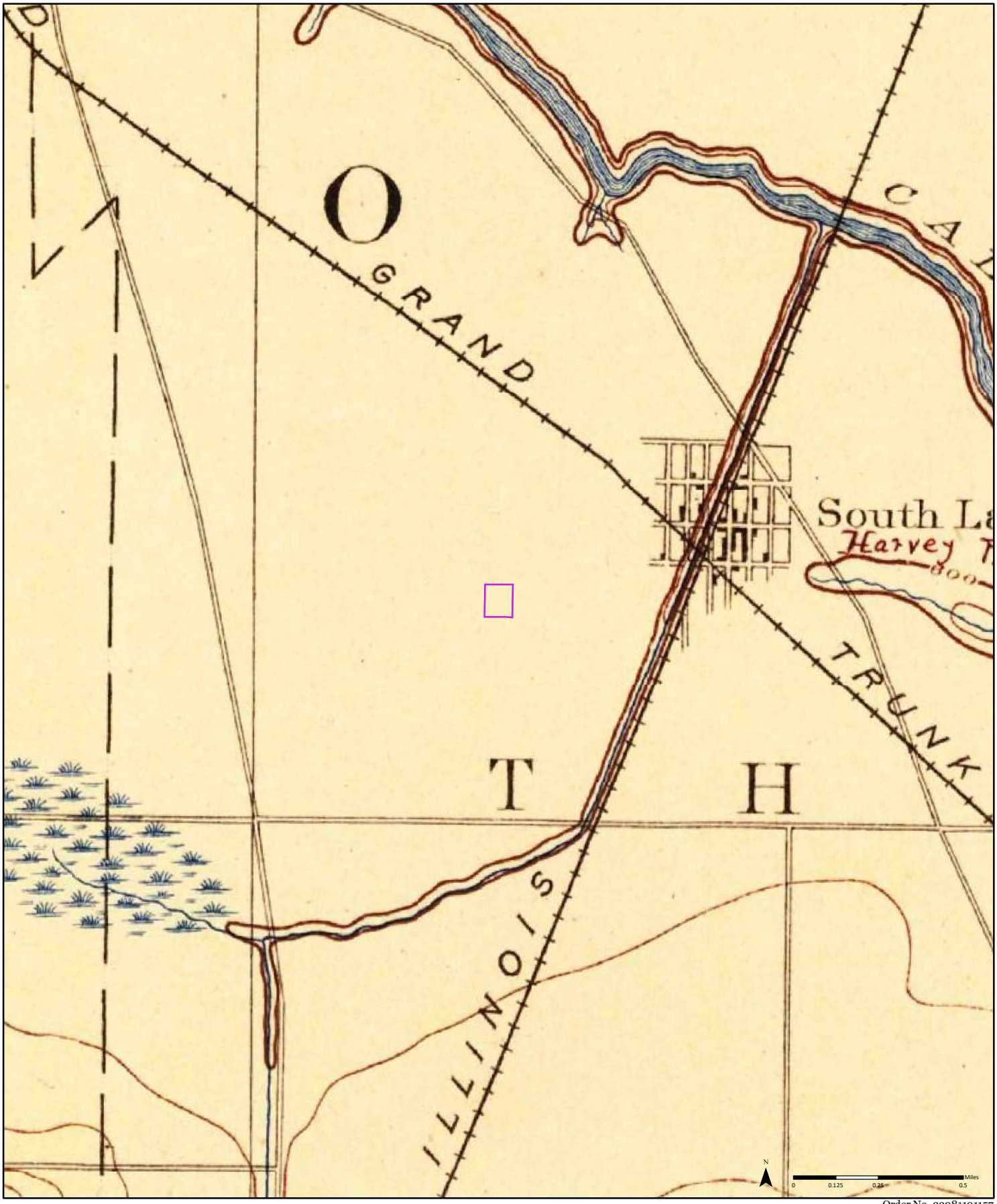
1947-2009

Topographic Map Symbols

2009-present

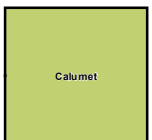
US Topo Map Symbols

Topographic Maps included in this report are produced by the USGS and are to be used for research purposes including a phase I report. Maps are not to be resold as commercial property.
No warranty of Accuracy or Liability for ERIS: The information contained in this report has been produced by ERIS Information Inc.(in the US) and ERIS Information Limited Partnership (in Canada), both doing business as 'ERIS', using Topographic Maps produced by the USGS. This maps contained herein does not purport to be and does not constitute a guarantee of the accuracy of the information contained herein. Although ERIS has endeavored to present you with information that is accurate, ERIS disclaims, any and all liability for any errors, omissions, or inaccuracies in such information and data, whether attributable to inadvertence, negligence or otherwise, and for any consequences arising therefrom. Liability on the part of ERIS is limited to the monetary value paid for this report.



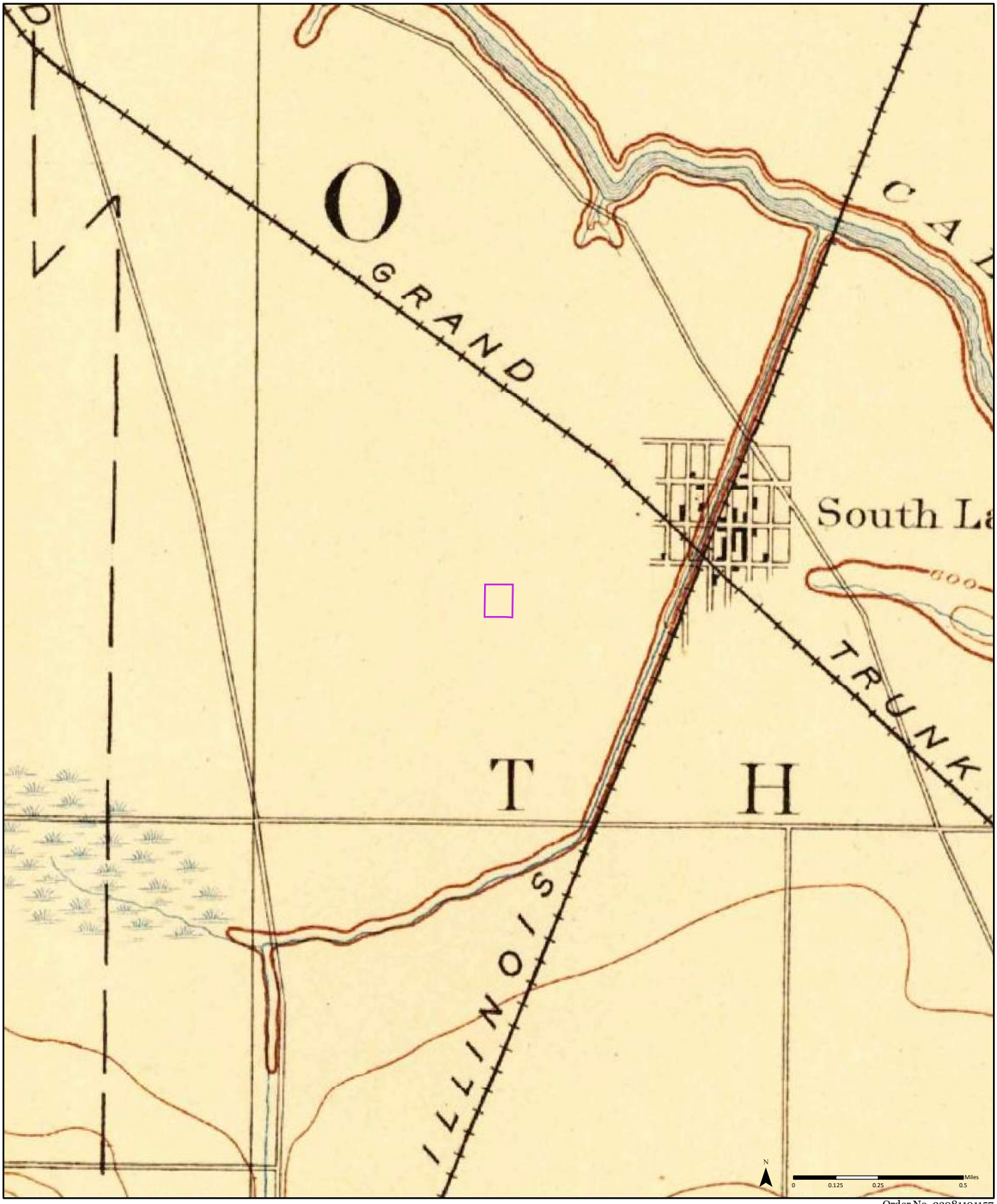
Order No. 23081101157

1892



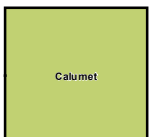
Available Quadrangle(s): Calumet, IL

Source: USGS 15 Minute Topographic Map



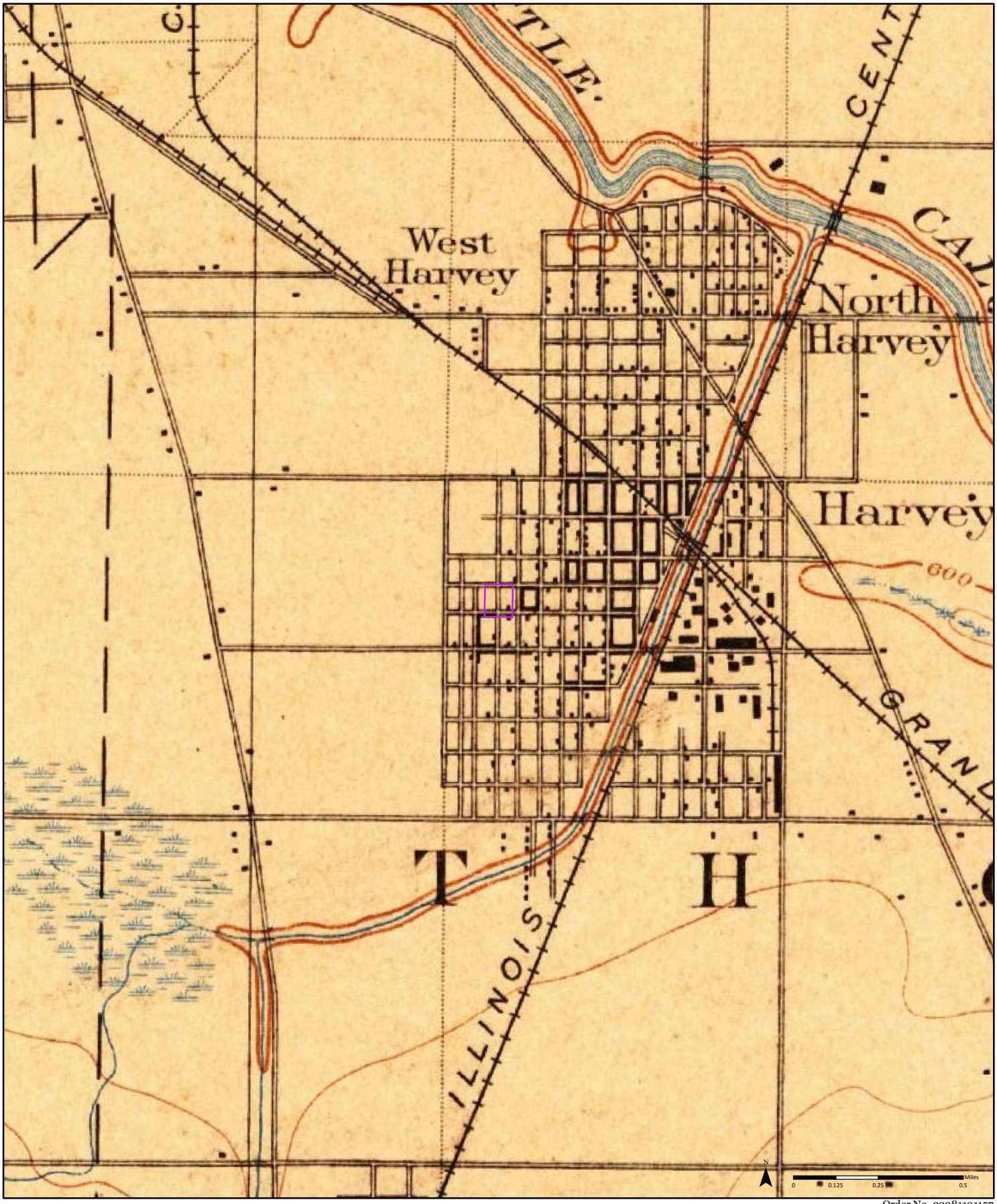
Order No. 23081101157

1893



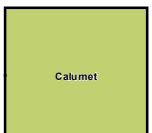
Available Quadrangle(s): Calumet, IL

Source: USGS 15 Minute Topographic Map



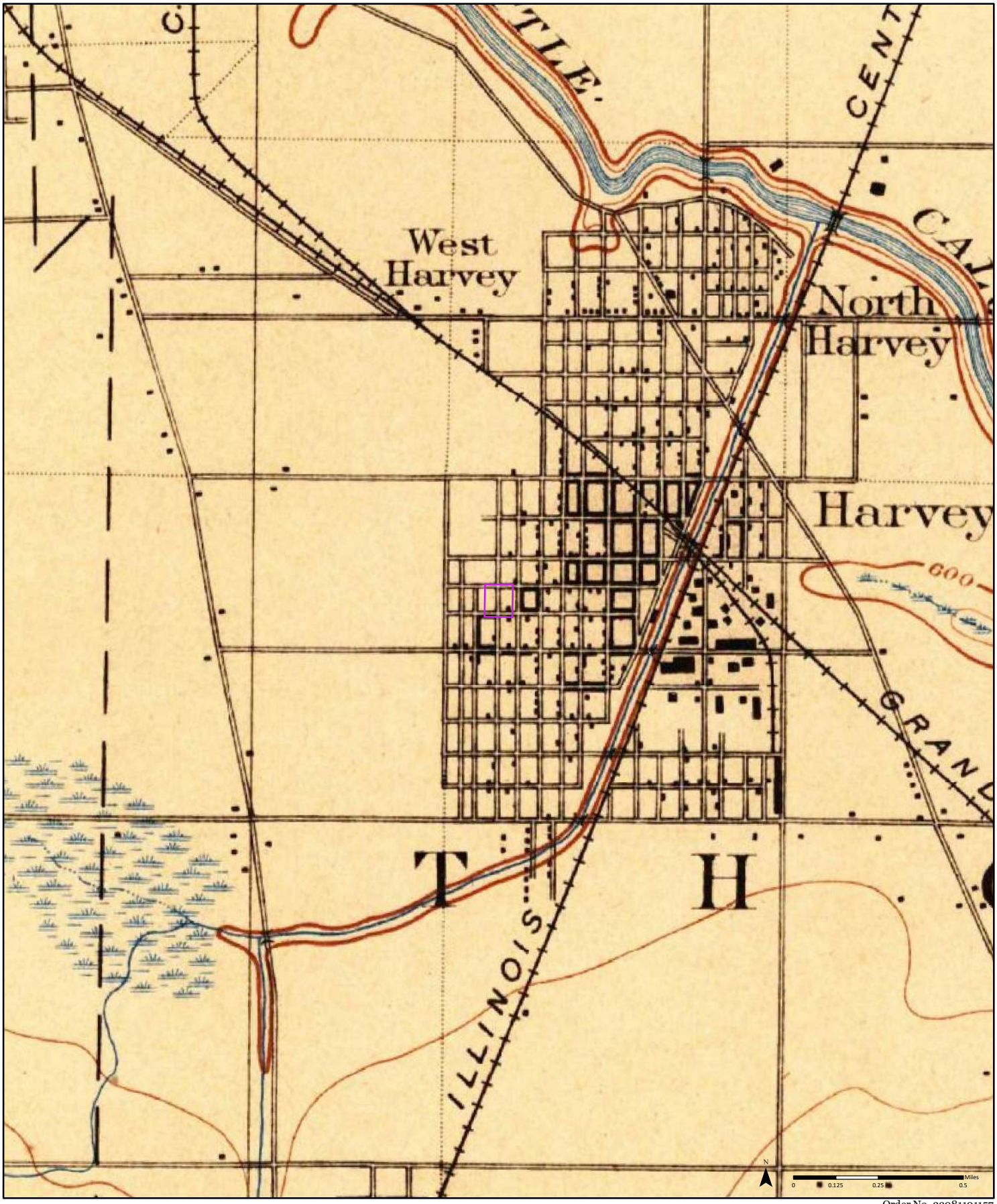
Order No. 23081101157

1900



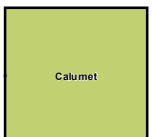
Available Quadrangle(s): Calumet, IL

Source: USGS 15 Minute Topographic Map



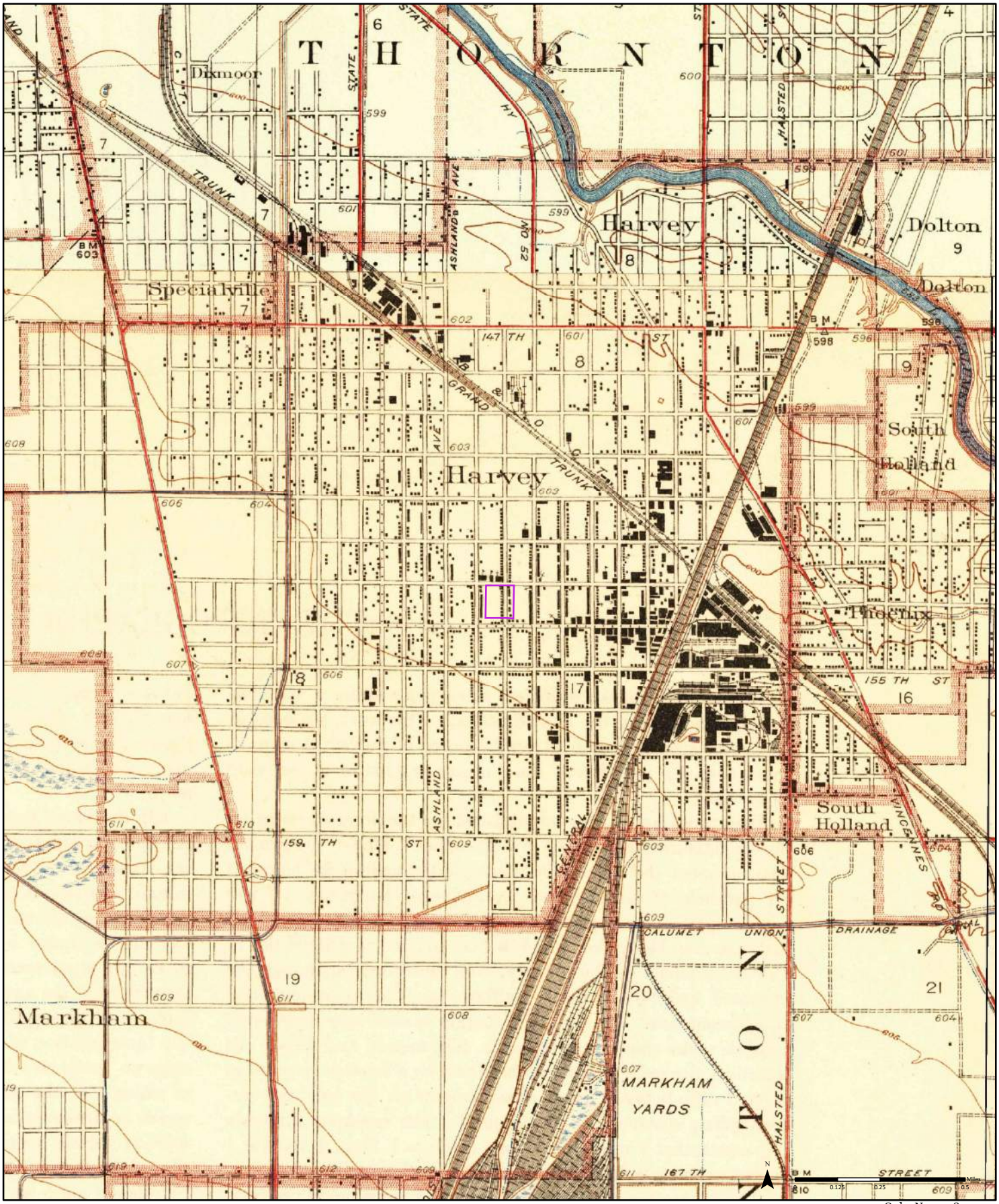
Order No. 23081101157

1901



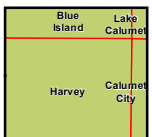
Available Quadrangle(s): Calumet, IL

Source: USGS 15 Minute Topographic Map



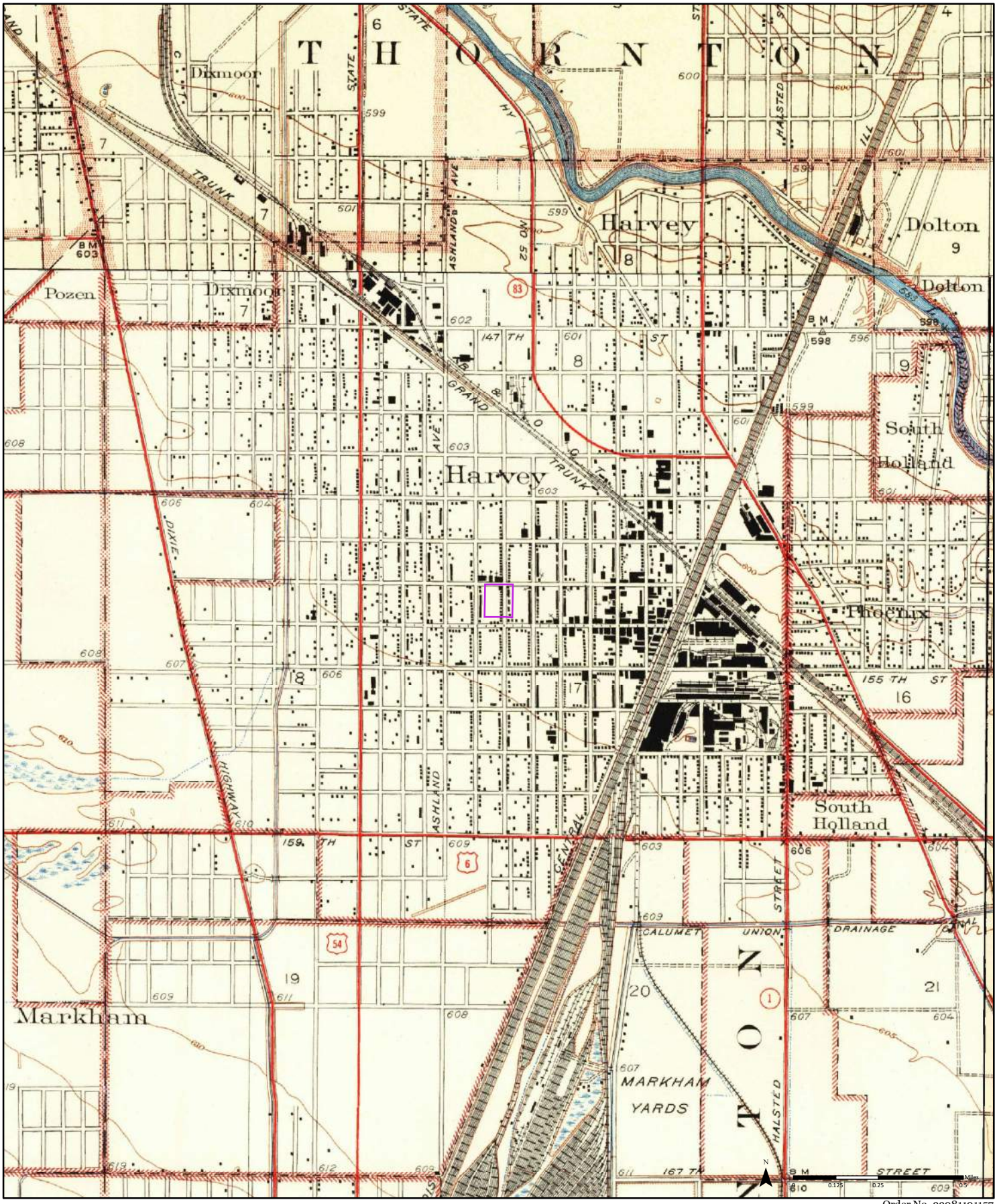
Order No. 23081101157

1929



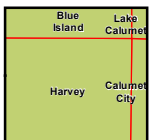
Available Quadrangle(s): Harvey, IL
Blue Island, IL
Calumet City, IL
Calumet Lake, IL

Source: USGS 7.5 Minute Topographic Map



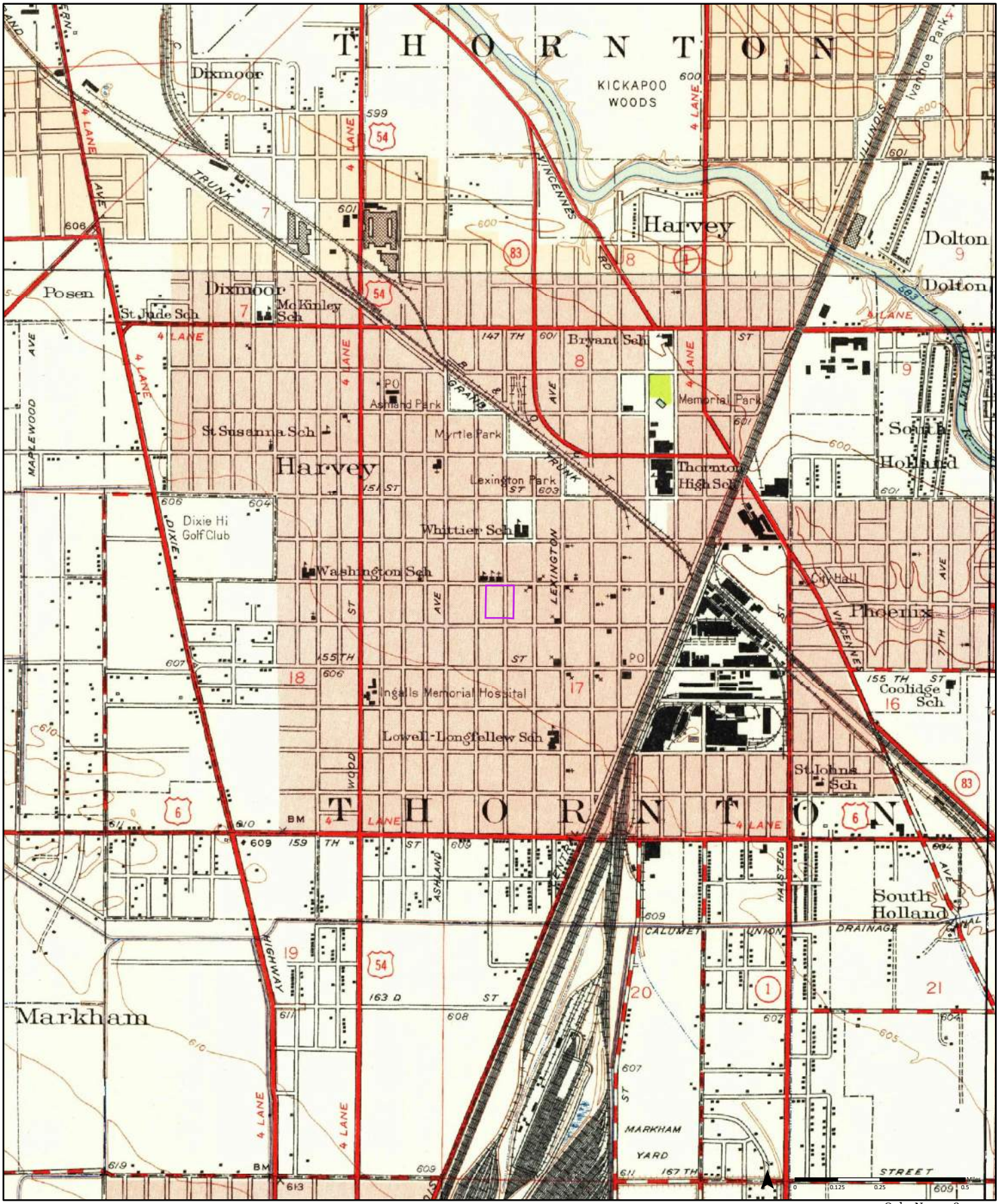
Order No. 23081101157

1943



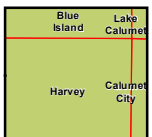
Available Quadrangle(s): Harvey, IL
Blue Island, IL
Calumet City, IL
Calumet Lake, IL

Source: USGS 7.5 Minute Topographic Map



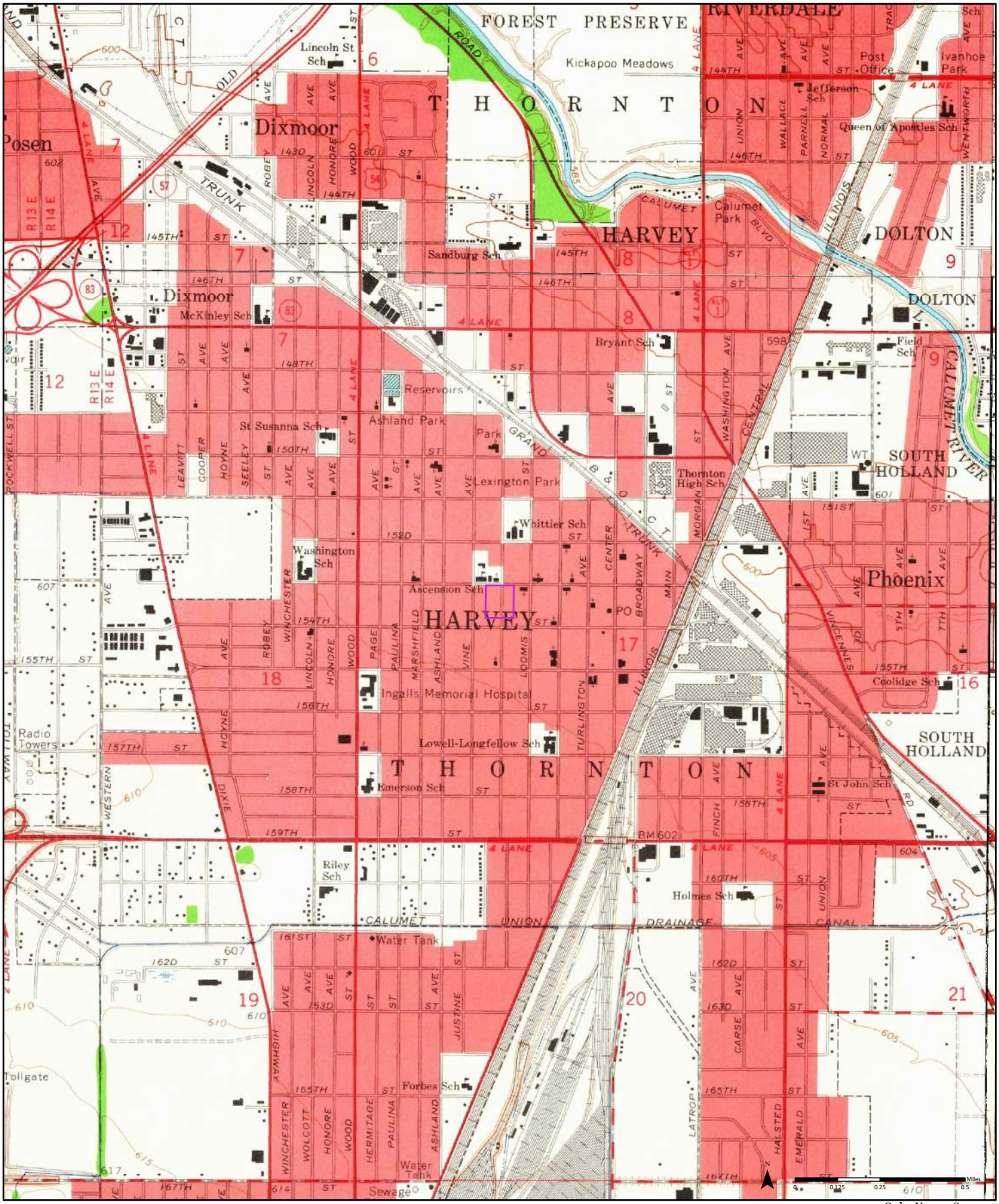
Order No. 23081101157

1953



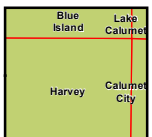
Available Quadrangle(s): Harvey, IL
Calumet Lake, IL
Blue Island, IL
Calumet City, IL

Source: USGS 7.5 Minute Topographic Map



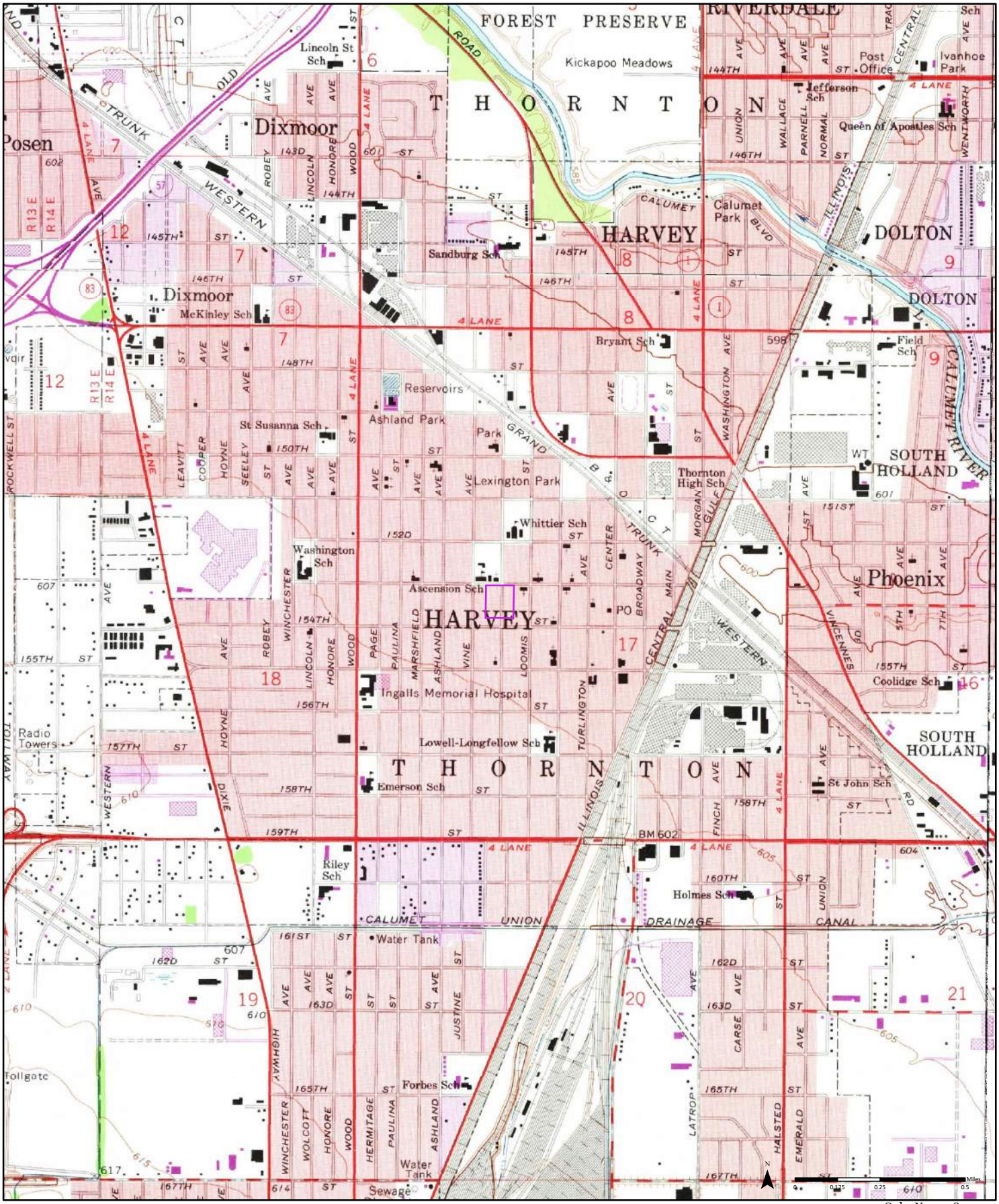
Order No. 23081101157

1963



Available Quadrangle(s): Harvey, IL(2-1963)
Calumet Lake, IL
Blue Island, IL(1-1963)
Calumet City, IL

Source: USGS 7.5 Minute Topographic Map



1973

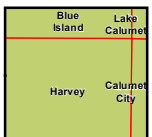
(1-1973) *Aerial Photo Year: 1973* *Photo Revision Year: 1973*

(2-1973) *Aerial Photo Year: 1973* *Photo Revision Year: 1973*

(3-1973) *Aerial Photo Year: 1973* *Photo Revision Year: 1973*

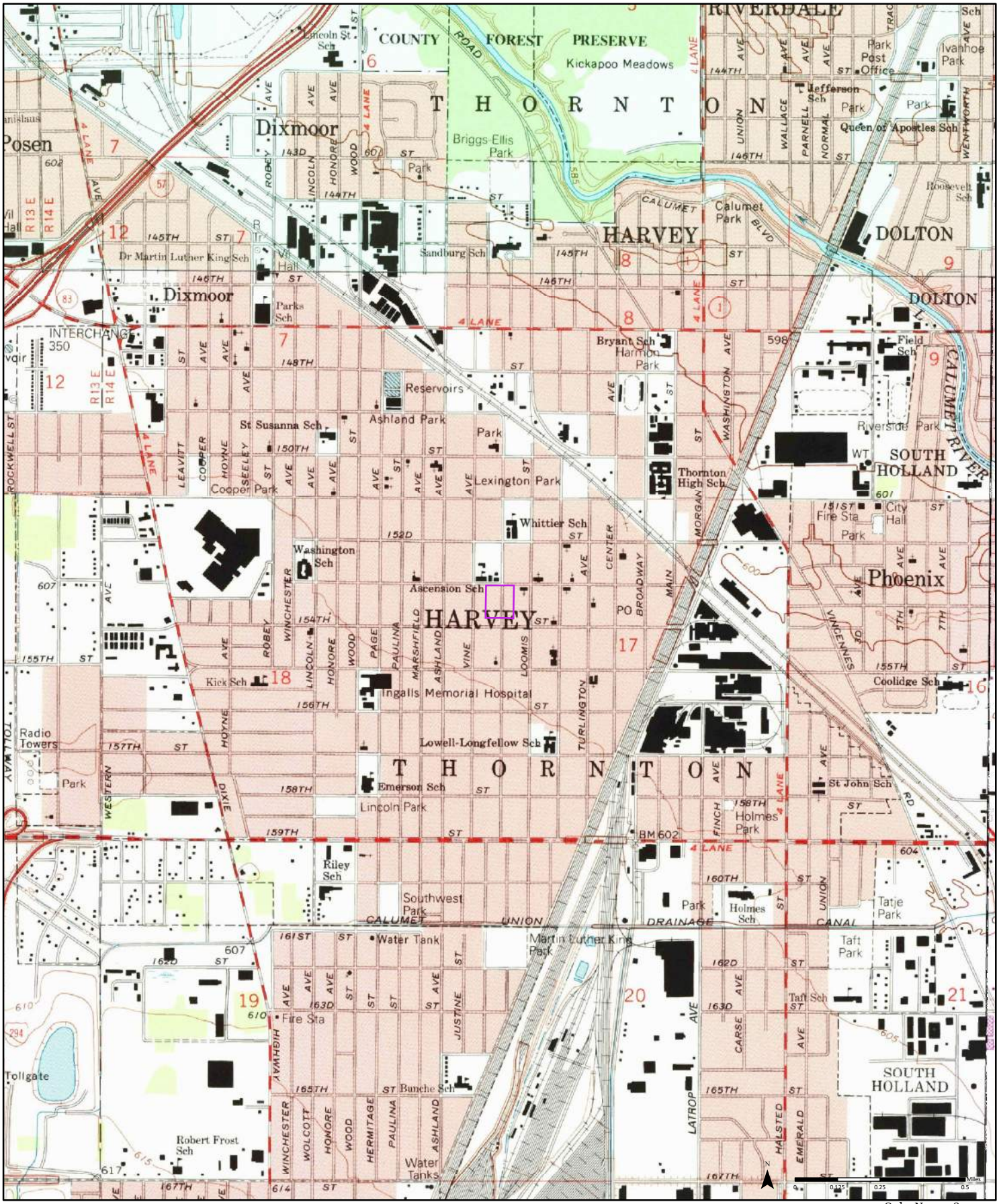
(4-1973) *Aerial Photo Year: 1973* *Photo Revision Year: 1973*

Order No. 23081101157



Available Quadrangle(s): Harvey, IL(2-1973)
Lake Calumet, IL(1-1973)
Blue Island, IL(3-1973)
Calumet City, IL(4-1973)

Source: USGS 7.5 Minute Topographic Map



Order No. 23081101157

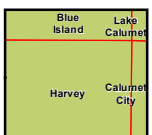
1993

(1-1993) *Aerial Photo Year: 1988*

(2-1993) *Aerial Photo Year: 1988*

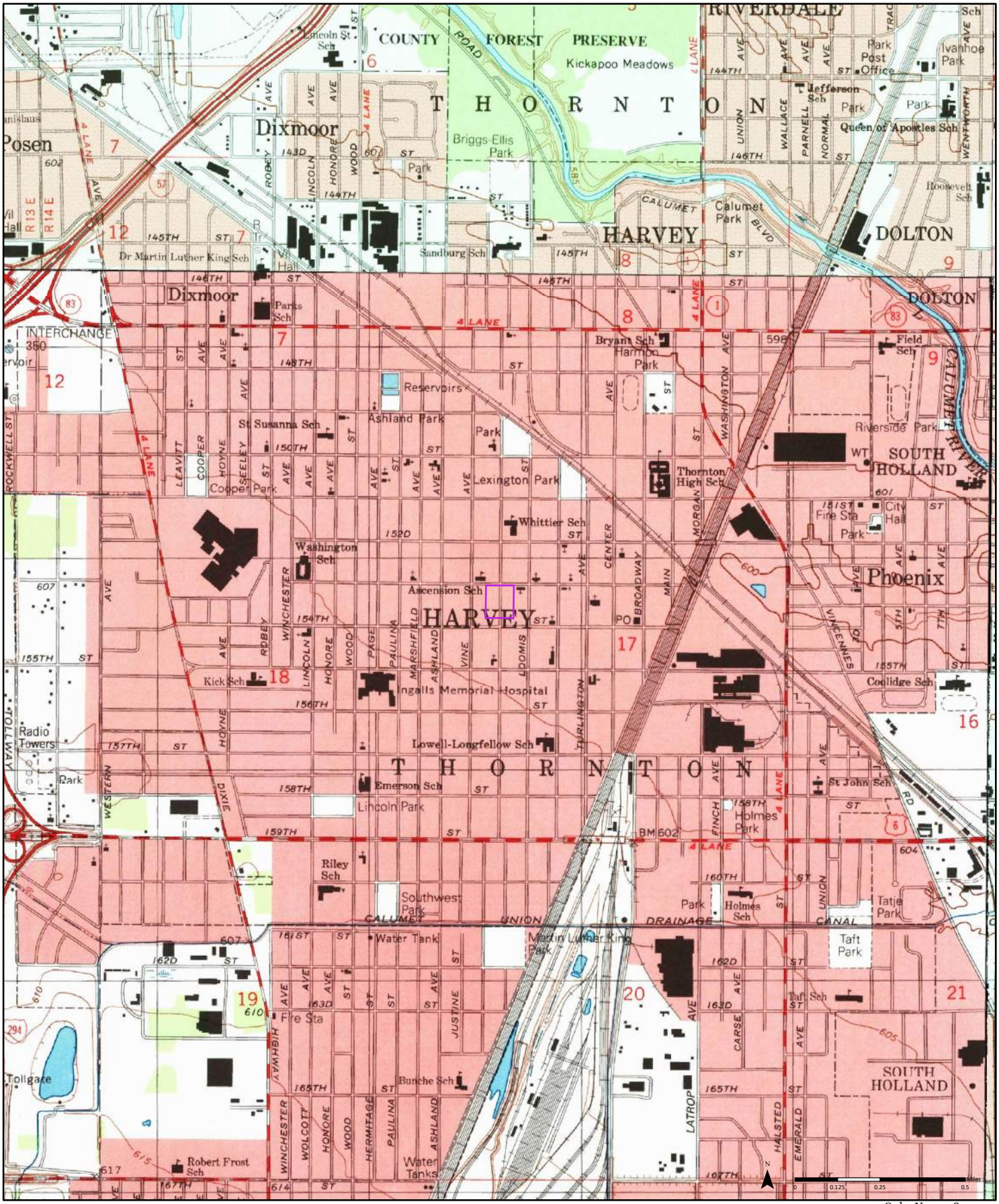
(3-1973) *Aerial Photo Year: 1973*
Photo Revision Year: 1973

(4-1973) *Aerial Photo Year: 1973*
Photo Revision Year: 1973



Available Quadrangle(s): **Harvey, IL**(1-1993)
Blue Island, IL(2-1993)
Calumet City, IL(3-1973)
Lake Calumet, IL(4-1973)

Source: USGS 7.5 Minute Topographic Map



1998

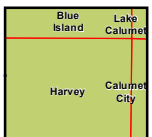
(1-1998) *Aerial Photo Year: 1998*

(2-1993) *Aerial Photo Year: 1988*

(3-1998) *Aerial Photo Year: 1998*

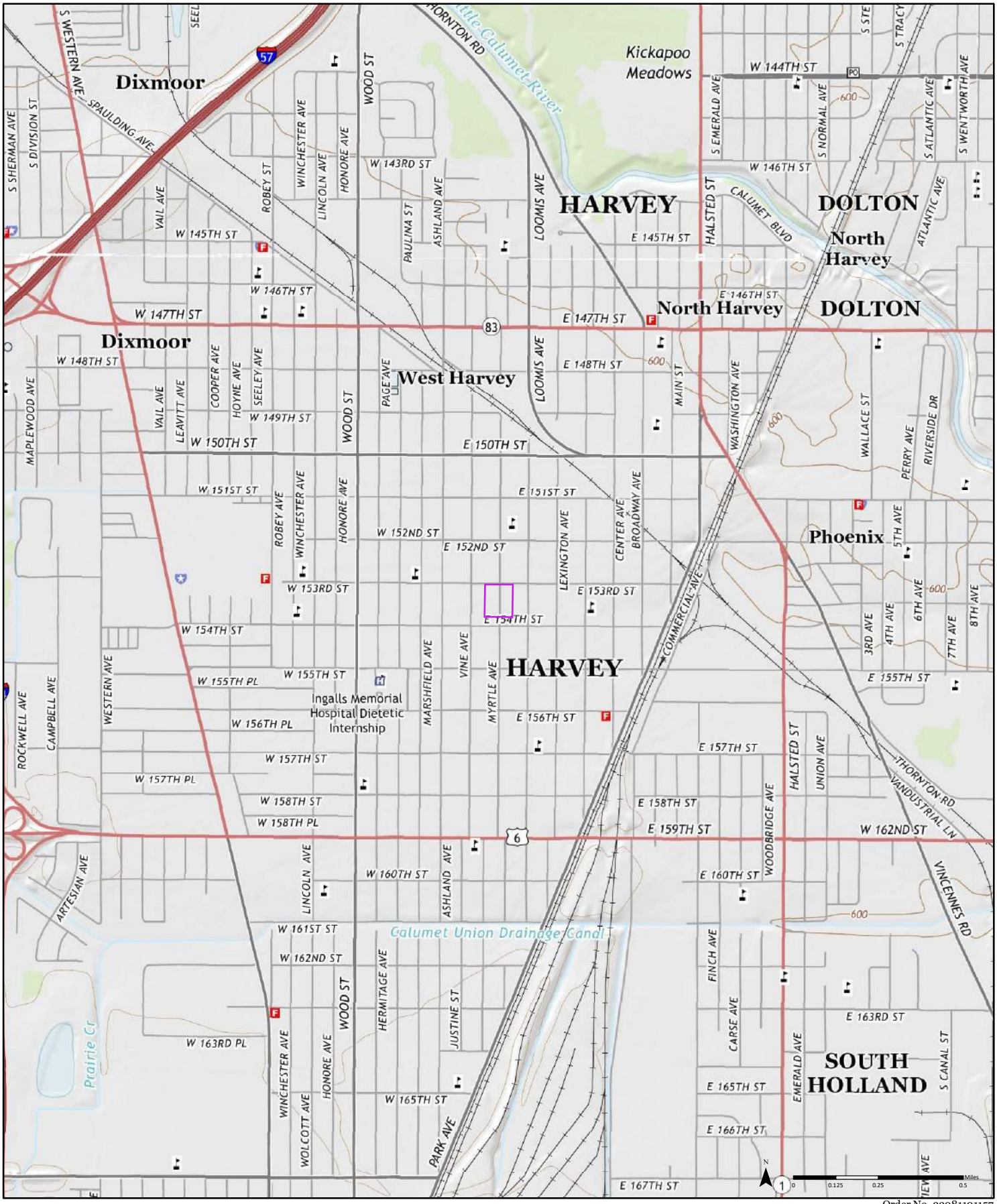
(4-1973) *Aerial Photo Year: 1973*
Photo Revision Year: 1973

Order No. 23081101157



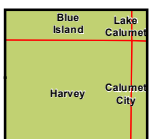
Available Quadrangle(s): Harvey, IL(3-1998)
Calumet City, IL(1-1998)
Blue Island, IL(2-1993)
Lake Calumet, IL(4-1973)

Source: USGS 7.5 Minute Topographic Map



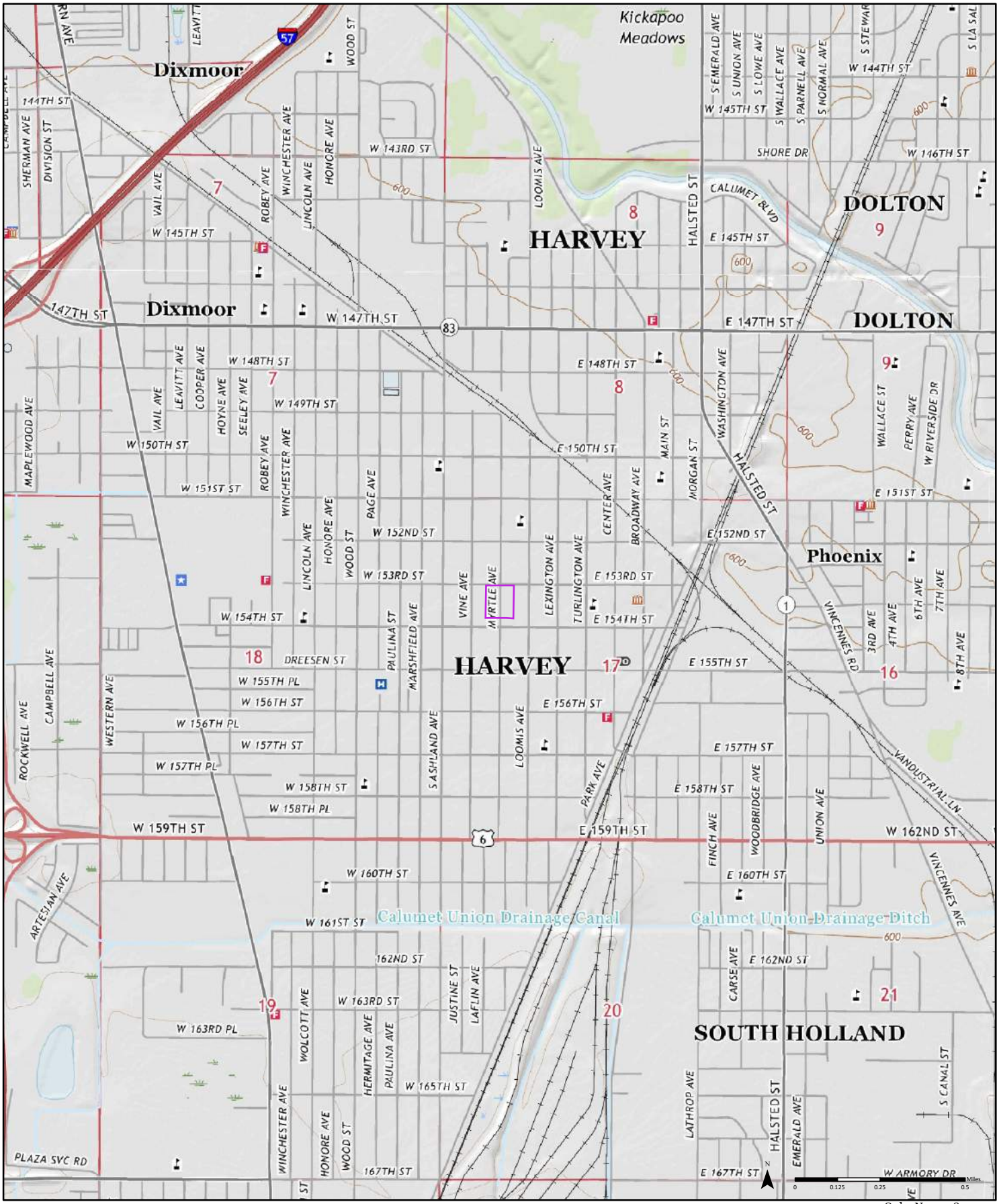
Order No. 23081101157

2015



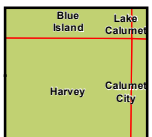
Available Quadrangle(s): Harvey, IL
Lake Calumet, IL
Blue Island, IL
Calumet City, IL

Source: USGS 7.5 Minute Topographic Map



Order No. 23081101157

2021



Available Quadrangle(s): Harvey, IL
Blue Island, IL
Lake Calumet, IL
Calumet City, IL

Source: USGS 7.5 Minute Topographic Map

Appendix I
City Directories

CITY DIRECTORY

Project Property:	*2023_0731-Residential Property 15300-15337 Myrtle Ave* *Harvey, IL 60426* *15300 Myrtle Ave* *Harvey,IL 60426*
Project No:	*2023_0731-Residential Property 15300-15337 Myrtle Ave* *Harvey, IL 60426*
Requested By:	*A3 Environmental, LLC*
Order No:	*23081101157*
Date Completed:	*August 17, 2023*

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

August 17, 2023
RE: CITY DIRECTORY RESEARCH
15300 Myrtle Ave
Harvey,IL 60426

Thank you for contacting ERIS for an City Directory Search for the site described above. Our staff has conducted a reverse listing City Directory search to determine prior occupants of the subject site and adjacent properties. We have provided the nearest addresses(s) when adjacent addresses are not listed. If we have searched a range of addresses, all addresses in that range found in the Directory are included.

Note: Reverse Listing Directories generally are focused on more highly developed areas. Newly developed areas may be covered in the more recent years, but the older directories will tend to cover only the "central" parts of the city. To complete the search, we have either utilized the ACPL, Library of Congress, State Archives, and/or a regional library or history center as well as multiple digitized directories. These do not claim to be a complete collection of all reverse listing city directories produced.

ERIS has made every effort to provide accurate and complete information but shall not be held liable for missing, incomplete or inaccurate information. To complete this search we used the general range(s) below to search for relevant findings. If you believe there are additional addresses or streets that require searching please contact us at 866-517-5204.

Search Criteria:
BEG-100 of E 154th St
15200-15440 of Myrtle Ave
Search Notes:

Search Results Summary

Date	Source	Comment
2022	DIGITAL BUSINESS DIRECTORY	
2020	DIGITAL BUSINESS DIRECTORY	
2016	DIGITAL BUSINESS DIRECTORY	
2012	DIGITAL BUSINESS DIRECTORY	
2008	DIGITAL BUSINESS DIRECTORY	
2002	DIGITAL BUSINESS DIRECTORY	
2000	DIGITAL BUSINESS DIRECTORY	
1996	HAINES	
1991	HAINES	
1985	HAINES	
1980	HAINES	
1974	HAINES	
1970	HAINES	
1965	REUBEN H DONNELLEY CO	
1960	REUBEN H DONNELLEY CO	
1957	REUBEN H DONNELLEY CO	

2022 E 154TH ST

SOURCE: DIGITAL BUSINESS DIRECTORY

2 **TOUCH OF BEAUTY**...*BEAUTY SALONS-EQUIPMENT & SUPLS (WHLS)*
24 **MISSION OF LOVE EVANGELISTIC**...*CHURCHES*
43 **THELMER HERBERT**...*RESIDENTIAL*
53 **CEDA**...*SOCIAL SERVICE & WELFARE ORGANIZATIONS*
53 **CEDA CENTER FOR COMMNTY ACTION**...*SOCIAL SERVICE & WELFARE ORGANIZATIONS*
54 **LITTLE SCHOLARS LEARNING**...*CHILD CARE SERVICE*
54 **TATTLE TALE DAYCARE ACADEMY**...*CHILD CARE SERVICE*
70 **MARY PARKER**...*RESIDENTIAL*
97 **PRINCEZZ PALACE**...*BEAUTY SALONS*

2022 MYRTLE AVE

SOURCE: DIGITAL BUSINESS DIRECTORY

15200 **WANDA APPLING**...*RESIDENTIAL*
15201 **MARY HARRIS**...*RESIDENTIAL*
15204 **JEANINE KOGER**...*RESIDENTIAL*
15208 **CATHY HARVEY**...*RESIDENTIAL*
15209 **DONELLE GAY**...*RESIDENTIAL*
15212 **LORRAINE COMPTON-ESPER**...*RESIDENTIAL*
15213 **ALLEN ALEXANDER**...*RESIDENTIAL*
15216 **GARY BRIDGES**...*RESIDENTIAL*
15216 **RUBY OVERTON**...*RESIDENTIAL*
15219 **LAJUNNA CLAYTON**...*RESIDENTIAL*
15219 **NICHOLE THOMAS**...*RESIDENTIAL*
15220 **SHARRON ANDERSON**...*RESIDENTIAL*
15225 **PATRICE WASHINGTON**...*RESIDENTIAL*
15234 **ASCENSION ST SUSANNA PARISH**...*CHURCHES*
15234 **ASCENSION ST SUSANNA SCHOOL**...*RELIGIOUS SCHOOLS*
15235 **JOHNNIE MC INTYRE**...*RESIDENTIAL*
15241 **HIGHHEELS ON WHEELS**...*WHEELS & WHEEL COVERS*
15243 **IVORY ABBOTT**...*RESIDENTIAL*
15302 **FELIX ZAYAS**...*RESIDENTIAL*
15302 **VERONIC ZAYAS**...*RESIDENTIAL*
15305 **CARLITA POOLE**...*RESIDENTIAL*
15307 **CAROLYN POOLE**...*RESIDENTIAL*
15307 **JOC POOLE**...*RESIDENTIAL*
15314 **VERNA TAYLOR**...*RESIDENTIAL*
15315 **SHARON KRUEGER**...*RESIDENTIAL*
15318 **TWYON MONROE**...*RESIDENTIAL*
15321 **ROSE SMITH**...*RESIDENTIAL*
15323 **JUMANNE BROOMFIELD**...*RESIDENTIAL*
15323 **MELVIN BROOMFIELD**...*RESIDENTIAL*
15328 **DAVID JONES**...*RESIDENTIAL*
15332 **LAWRE SMITH**...*RESIDENTIAL*
15336 **MELVINA ELY**...*RESIDENTIAL*
15337 **ANDRE YOUNG**...*RESIDENTIAL*
15405 **DWAINE WILSON**...*RESIDENTIAL*
15410 **ERNEST PAYTON**...*RESIDENTIAL*
15416 **KATHERINE JOHNSON**...*RESIDENTIAL*
15416 **LAURA BELL**...*RESIDENTIAL*
15430 **CATHERIN DARDEN**...*RESIDENTIAL*
15430 **KATHERINE GREGORY**...*RESIDENTIAL*
15433 **KELLOGG WEAVER**...*RESIDENTIAL*
15438 **FAITH DELIVERANCE CHURCH**...*CHURCHES*

2020 E 154TH ST

SOURCE: DIGITAL BUSINESS DIRECTORY

2 **TOUCH OF BEAUTY**...*BEAUTY SALONS-EQUIPMENT & SUPLS (WHLS)*
24 **MISSION OF LOVE EVANGELISTIC**...*CHURCHES*
43 **LOUISE HERBERT**...*RESIDENTIAL*
50 **JOE GARCIA**...*RESIDENTIAL*
53 **CEDA CENTER FOR COMMNTY ACTION**...*SOCIAL SERVICE & WELFARE ORGANIZATIONS*
54 **LITTLE SCHOLARS LEARNING**...*CHILD CARE SERVICE*
54 **TATTLE TALE DAYCARE ACADEMY**...*CHILD CARE SERVICE*
70 **MARY PARKER**...*RESIDENTIAL*
97 **PRINCEZZ PALACE**...*BEAUTY SALONS*

2020 MYRTLE AVE

SOURCE: DIGITAL BUSINESS DIRECTORY

15200 **BRIAWNA BINION**...*RESIDENTIAL*
15200 **WANDA APPLING**...*RESIDENTIAL*
15201 **MARY HARRIS**...*RESIDENTIAL*
15204 **JEANINE KOGER**...*RESIDENTIAL*
15208 **CATHY HARVEY**...*RESIDENTIAL*
15209 **DONELLE GAY**...*RESIDENTIAL*
15212 **CHARLENE COMPTON**...*RESIDENTIAL*
15213 **ALLEN ALEXANDER**...*RESIDENTIAL*
15216 **GARY BRIDGES**...*RESIDENTIAL*
15219 **LAJUNNA CLAYTON**...*RESIDENTIAL*
15219 **NICHOLE THOMAS**...*RESIDENTIAL*
15220 **SHARRON ANDERSON**...*RESIDENTIAL*
15225 **PATRICE WASHINGTON**...*RESIDENTIAL*
15234 **ASCENSION ST SUSANNA PARISH**...*CHURCHES*
15234 **ASCENSION-ST SUSANNA SCHOOL**...*RELIGIOUS SCHOOLS*
15235 **JOHNNIE MC INTYRE**...*RESIDENTIAL*
15243 **IVORY ABBOTT**...*RESIDENTIAL*
15302 **FELIX ZAYAS**...*RESIDENTIAL*
15302 **VERONIC ZAYAS**...*RESIDENTIAL*
15305 **CARLITA POOLE**...*RESIDENTIAL*
15307 **CAROLYN POOLE**...*RESIDENTIAL*
15314 **DOROTHY TAYLOR**...*RESIDENTIAL*
15315 **SHARON KRUEGER**...*RESIDENTIAL*
15317 **KENDRA WILLIAMS**...*RESIDENTIAL*
15317 **LUTHER FOWLER**...*RESIDENTIAL*
15318 **ANNIE MONROE**...*RESIDENTIAL*
15321 **ROSE SMITH**...*RESIDENTIAL*
15323 **MELVIN BROOMFIELD**...*RESIDENTIAL*
15323 **PEARL BROOMFIELD**...*RESIDENTIAL*
15328 **DAVID JONES**...*RESIDENTIAL*
15332 **LAWRE SMITH**...*RESIDENTIAL*
15336 **MELVINA ELY**...*RESIDENTIAL*
15337 **ANDRE YOUNG**...*RESIDENTIAL*
15405 **DWAINE WILSON**...*RESIDENTIAL*
15410 **ERNEST PAYTON**...*RESIDENTIAL*
15416 **KATHERINE JOHNSON**...*RESIDENTIAL*
15416 **LAURA BELL**...*RESIDENTIAL*
15430 **CATHERIN DARDEN**...*RESIDENTIAL*
15430 **KATHERINE GREGORY**...*RESIDENTIAL*
15433 **KELLOGG WEAVER**...*RESIDENTIAL*
15434 **SHERRY STEEL**...*RESIDENTIAL*
15438 **FAITH DELIVERANCE CHURCH**...*CHURCHES*

2016 E 154TH ST

SOURCE: DIGITAL BUSINESS DIRECTORY

2 **TOUCH OF BEAUTY**...*BEAUTY SALONS-EQUIPMENT & SUPLS (WHLS)*
24 **MISSION OF LOVE EVANGELISTIC**...*CHURCHES*
50 **JOE GARCIA**...*RESIDENTIAL*
50 **LUPE GARCIA**...*RESIDENTIAL*
53 **CEDA CENTER FOR COMMNTY ACTION**...*SOCIAL SERVICE & WELFARE ORGANIZATIONS*
70 **MARY PARKER**...*RESIDENTIAL*
97 **PRINCEZZ PALACE**...*BEAUTY SALONS*

2016 MYRTLE AVE

SOURCE: DIGITAL BUSINESS DIRECTORY

15200 **WANDA APPLING**...*RESIDENTIAL*
15201 **MARY HARRIS**...*RESIDENTIAL*
15204 **JEANINE KOGER**...*RESIDENTIAL*
15208 **CATHY HARVEY**...*RESIDENTIAL*
15209 **DONELLE GAY**...*RESIDENTIAL*
15212 **RICHARD STOKES**...*RESIDENTIAL*
15213 **ALLEN ALEXANDER**...*RESIDENTIAL*
15213 **CARRIE ALEXANDER**...*RESIDENTIAL*
15216 **GARY BRIDGES**...*RESIDENTIAL*
15216 **RUBY BRIDGES**...*RESIDENTIAL*
15219 **LAJUNNA CLAYTON**...*RESIDENTIAL*
15219 **NICHOLE THOMAS**...*RESIDENTIAL*
15220 **SHARRON ANDERSON**...*RESIDENTIAL*
15234 **ASCENSION ST SUSANNA PARISH**...*SCHOOLS*
15234 **ASCENSION ST SUSANNA PARISH**...*CHURCHES*
15234 **ASCENSION-ST SUSANNA PARISH**...*RELIGIOUS ORGANIZATIONS*
15235 **JOHNNIE MC INTYRE**...*RESIDENTIAL*
15243 **IVORY ABBOTT**...*RESIDENTIAL*
15302 **FELIX ZAYAS**...*RESIDENTIAL*
15302 **VERONIC ZAYAS**...*RESIDENTIAL*
15305 **CARLITA POOLE**...*RESIDENTIAL*
15307 **CAROLYN POOLE**...*RESIDENTIAL*
15307 **CECIL POOLE**...*RESIDENTIAL*
15307 **JOC POOLE**...*RESIDENTIAL*
15307 **JOE POOLE**...*RESIDENTIAL*
15314 **DOROTHY TAYLOR**...*RESIDENTIAL*
15314 **VERNA TAYLOR**...*RESIDENTIAL*
15315 **SHARON KRUEGER**...*RESIDENTIAL*
15317 **KENDRA WILLIAMS**...*RESIDENTIAL*
15317 **LUTHER FOWLER**...*RESIDENTIAL*
15318 **ANNIE MONROE**...*RESIDENTIAL*
15318 **TWYON MONROE**...*RESIDENTIAL*
15321 **ROSE SMITH**...*RESIDENTIAL*
15323 **JUMANNE BROOMFIELD**...*RESIDENTIAL*
15323 **MELVIN BROOMFIELD**...*RESIDENTIAL*
15323 **OSAHAR BROOMFIELD**...*RESIDENTIAL*
15323 **PEARL BROOMFIELD**...*RESIDENTIAL*
15328 **DAVID JONES**...*RESIDENTIAL*
15332 **LAWRE SMITH**...*RESIDENTIAL*
15336 **MELVINA ELY**...*RESIDENTIAL*
15337 **ANDRE YOUNG**...*RESIDENTIAL*
15405 **DWAINE WILSON**...*RESIDENTIAL*
15410 **ERNEST PAYTON**...*RESIDENTIAL*
15411 **LAVAUGHAN DUKES**...*RESIDENTIAL*
15414 **SO FYE ACCESSORY WORLD**...*GENERAL MERCHANDISE-RETAIL*
15416 **LAURA BELL**...*RESIDENTIAL*
15430 **CATHERIN DARDEN**...*RESIDENTIAL*
15430 **KATHERINE GREGORY**...*RESIDENTIAL*
15433 **KELLOGG WEAVER**...*RESIDENTIAL*
15434 **SHERRY STEEL**...*RESIDENTIAL*
15438 **FAITH DELIVERANCE CHURCH**...*CHURCHES*

2012 E 154TH ST

SOURCE: DIGITAL BUSINESS DIRECTORY

2 **TOUCH OF BEAUTY**...*BEAUTY SALONS-EQUIPMENT & SUPLS (WHLS)*
24 **MISSION OF LOVE EVANGELISTIC**...*CHURCHES*
46 **ALBERT TURNER**...*RESIDENTIAL*
50 **GUADALUPE GARCIA**...*RESIDENTIAL*
50 **TERESA PEREZ**...*RESIDENTIAL*
53 **CEDA CENTER FOR COMMNTY ACTION**...*SOCIAL SERVICE & WELFARE ORGANIZATIONS*
97 **GEE LEE**...*RESIDENTIAL*

2012 MYRTLE AVE

SOURCE: DIGITAL BUSINESS DIRECTORY

15200 **WANDA APPLING**...*RESIDENTIAL*
15201 **MARY HARRIS**...*RESIDENTIAL*
15204 **JEANINE KOGER**...*RESIDENTIAL*
15212 **LORRAINE COMPTON-ESPER**...*RESIDENTIAL*
15213 **ALLEN ALEXANDER**...*RESIDENTIAL*
15213 **CARRIE ALEXANDER**...*RESIDENTIAL*
15213 **MEGAN JONES**...*RESIDENTIAL*
15213 **RECHIA ALEXANDER**...*RESIDENTIAL*
15216 **BRIDGES GARY**...*RESIDENTIAL*
15216 **GARY BRIDGES**...*RESIDENTIAL*
15216 **RUBY BRIDGES**...*RESIDENTIAL*
15216 **RUBY OVERTON**...*RESIDENTIAL*
15219 **PATRICIA THOMAS**...*RESIDENTIAL*
15220 **SHEARON ANDERSON**...*RESIDENTIAL*
15229 **CLIFTON HOLLIDAY**...*RESIDENTIAL*
15229 **CRYSTAL BROWN**...*RESIDENTIAL*
15229 **JASON WHITE**...*RESIDENTIAL*
15234 **ASCENSION ST SUSANNA PARISH**...*CHURCHES*
15234 **JOSEPH ALTMAN**...*RESIDENTIAL*
15300 **HAROLD PAGE**...*RESIDENTIAL*
15300 **PAGE HAROLD**...*RESIDENTIAL*
15300 **TAQUITTEE PAGE**...*RESIDENTIAL*
15301 **BETTY WHITTEN**...*RESIDENTIAL*
15301 **ERIKA WHITTEN**...*RESIDENTIAL*
15301 **JESSE WHITTEN**...*RESIDENTIAL*
15302 **FELIX ZAYAS**...*RESIDENTIAL*
15302 **VERONICA ZAYAS**...*RESIDENTIAL*
15305 **CARLITA POOLE**...*RESIDENTIAL*
15305 **CAROLYN POOLE**...*RESIDENTIAL*
15305 **JOE POOLE**...*RESIDENTIAL*
15307 **CARLITA POOLE**...*RESIDENTIAL*
15307 **CAROLYN POOLE**...*RESIDENTIAL*
15307 **LANORA POOLE**...*RESIDENTIAL*
15308 **CARRIE ALEXANDER**...*RESIDENTIAL*
15308 **T WHISMAN**...*RESIDENTIAL*
15314 **DOROTHY TAYLOR**...*RESIDENTIAL*
15314 **TAYLOR DOROTHY**...*RESIDENTIAL*
15318 **WALTER DEER**...*RESIDENTIAL*
15323 **JUMANNE BROOMFIELD**...*RESIDENTIAL*
15323 **OSAHAR BROOMFIELD**...*RESIDENTIAL*
15323 **PEARL BROOMFIELD**...*RESIDENTIAL*
15405 **DWAYNE WILSON**...*RESIDENTIAL*
15405 **E HARVEY**...*RESIDENTIAL*
15405 **OLICIA WILSON**...*RESIDENTIAL*
15416 **DISANA WILLIAMS**...*RESIDENTIAL*
15417 **BENITA BRADFORD**...*RESIDENTIAL*
15417 **BRADFORD DAVID**...*RESIDENTIAL*
15417 **DAVID BRADFORD**...*RESIDENTIAL*
15421 **CHARLESETTA BUCKLEY**...*RESIDENTIAL*
15421 **LILLIAN DAVIS**...*RESIDENTIAL*
15426 **MIKE SONSIADEK**...*RESIDENTIAL*
15433 **JEFFERY POWELL**...*RESIDENTIAL*
15433 **LOLITA SMITH**...*RESIDENTIAL*
15438 **FAITH DELIVERANCE CHURCH**...*CHURCHES*

2008 E 154TH ST

SOURCE: DIGITAL BUSINESS DIRECTORY

2 **TOUCH OF BEAUTY**...*BEAUTY SALON,BARBERS*
24 **MISSION OF LOVE**...*RELIGIOUS ORGANIZATION*
24 **MISSION OF LOVE EVANGELISTIC**...*RELIGIOUS ORGANIZ*
39 **GARCIAS PARTS & COLORS**...*AUTOMOBILE PARTS & SUPPLIES-RETAIL-NEW*
39 **GARCIAS PARTS & COLORS**...*AUTO, HOME SUPS STR*
43 **LOU HERBERT**...*RESIDENTIAL*
43 **T C HERBERT**...*RESIDENTIAL*
47 **R M WILLIAMS**...*RESIDENTIAL*
50 **LUPE GARCIA**...*RESIDENTIAL*
51 **CEDA CTR-COMMUNITY ACTION**...*SOCIAL SERVICE & WELFARE ORGANIZATIONS*
53 **CEDA CENTER FOR CMNTY ACTION**...*INDIVIDUAL/FAMILY SERVICES*
53 **CEDA CTR-COMMUNITY ACTION**...*SOCIAL SERVICES*
70 **MARY PARKER**...*RESIDENTIAL*

2008 MYRTLE AVE

SOURCE: DIGITAL BUSINESS DIRECTORY

15200 **WANDA APPLING**...*RESIDENTIAL*
15204 **JEANINE KOGER**...*RESIDENTIAL*
15205 **SURANDY SANDERS**...*RESIDENTIAL*
15209 **LATONIA THOMAS**...*RESIDENTIAL*
15213 **C ALEXANDER**...*RESIDENTIAL*
15217 **JULIUS BOYD**...*RESIDENTIAL*
15217 **MARTHA SMITH**...*RESIDENTIAL*
15220 **S A ANDERSON**...*RESIDENTIAL*
15234 **ASCENSION CHURCH**...*RELIGIOUS ORGANIZATION*
15234 **ASCENSION ST SUSANNA PARISH**...*PRIV ELEM,SECOND SCHS*
15234 **ASCENSION-ST SUSANNA PARISH**...*CHURCHES*
15234 **CHARLES H SCHLAX**...*RESIDENTIAL*
15234 **JOSEPH W ALTMAN**...*RESIDENTIAL*
15241 **ALMA J CARTER**...*RESIDENTIAL*
15243 **WYLSON EZZELL**...*RESIDENTIAL*
15300 **HAROLD JR PAGE**...*RESIDENTIAL*
15301 **JACQUELYN WALKER**...*RESIDENTIAL*
15302 **FELICIA THRUMAN**...*RESIDENTIAL*
15308 **DELORES HALL**...*RESIDENTIAL*
15314 **D TAYLOR**...*RESIDENTIAL*
15315 **BRANDON C BOYER**...*RESIDENTIAL*
15315 **LEA H STOVALL**...*RESIDENTIAL*
15315 **REGINALD MASON**...*RESIDENTIAL*
15315 **S L LEWIS**...*RESIDENTIAL*
15315 **SHERESE JOHNSON**...*RESIDENTIAL*
15321 **MARTIN SMITH**...*RESIDENTIAL*
15321 **ROSE SMITH**...*RESIDENTIAL*
15333 **MARY CHILDRESS**...*RESIDENTIAL*
15336 **ERICA ELY**...*RESIDENTIAL*
15337 **B YOUNG**...*RESIDENTIAL*
15338 **JENEL BEATON**...*RESIDENTIAL*
15414 **JACQUELINE WIMMS**...*RESIDENTIAL*
15415 **CHARLENE REED**...*RESIDENTIAL*
15417 **DAVID BRADFORD**...*RESIDENTIAL*
15421 **LILLIAN DAVIS**...*RESIDENTIAL*
15426 **MIKE SONSIADEK**...*RESIDENTIAL*
15430 **JOHNNY D CALHOUN**...*RESIDENTIAL*
15432 **V BARBER**...*RESIDENTIAL*
15434 **KIMBERLY MILLER**...*RESIDENTIAL*
15434 **ROSIE COPE**...*RESIDENTIAL*
15438 **FAITH DELIVERANCE CHURCH**...*CHURCHES*
15438 **FAITH DELIVERANCE CHURCH**...*PENTECOSTAL CHURCH*

2002 E 154TH ST

SOURCE: DIGITAL BUSINESS DIRECTORY

2 **TOUCH OF BEAUTY**...*LAUNDRY AND DRY CLEANING EQUIPMENT AND SUPPLIES*
24 **MISSION OF LOVE EVANGELISTIC**
39 **MAJOR MOTOR SUPPLY CO**
43 **THELMER C HERBERT**...*RESIDENTIAL*
47 **DWIGHT HOLLAND**...*RESIDENTIAL*
47 **R M WILLIAMS**...*RESIDENTIAL*
51 **CEDA CTR-COMMUNITY ACTION**
53 **HARVEY CTR FOR COMMUNITY ACTN**
70 **JOHN D STEWART**...*RESIDENTIAL*
75 **HENRY LEE LOGGINS**...*RESIDENTIAL*
89 **GRAND PRAIRIE SVC**...*SOCIAL SERVICES FOR THE HANDICAPPED*
97 **97 DENTAL CTR**...*SPECIALIZED DENTAL PRACTITIONERS*
97 **GRUBER ALBERT F DDS**...*SPECIALIZED DENTAL PRACTITIONERS*

2002 MYRTLE AVE

SOURCE: DIGITAL BUSINESS DIRECTORY

15209 **DORETHA THOMAS**...*RESIDENTIAL*
15213 **C ALEXANDER**...*RESIDENTIAL*
15231 **RICHARD R SALES**...*RESIDENTIAL*
15234 **ASCENSION-ST SUSANNA PARISH**
15234 **JOS W REV ALTMAN**...*RESIDENTIAL*
15234 **PHILLIP KILEY**...*RESIDENTIAL*
15235 **JOS PODGORNY**...*RESIDENTIAL*
15300 **TGEORGE HARTON**...*RESIDENTIAL*
15314 **DELANEY MARTIN**...*RESIDENTIAL*
15315 **JARROD FRANCISCO**...*RESIDENTIAL*
15315 **SANDRA JORDAN**...*RESIDENTIAL*
15320 **ERIC GILDART**...*RESIDENTIAL*
15324 **R C HORTON**...*RESIDENTIAL*
15331 **GWEN HANSBOROUGH**...*RESIDENTIAL*
15333 **K HENRY**...*RESIDENTIAL*
15336 **LILLIAN JOHNSON**...*RESIDENTIAL*
15415 **NEAL TAREZ E MC**...*RESIDENTIAL*
15417 **DAVID BRADFORD**...*RESIDENTIAL*
15426 **MIKE SONSIADEK**...*RESIDENTIAL*
15433 **LINDA JOHNSON**...*RESIDENTIAL*
15434 **ALVIN WILLIAMS**...*RESIDENTIAL*
15438 **FAITH HOPE & CHARITY CHURCH**
15438 **FIRST CHR OF CHRIST SCIENTIST**

2000 E 154TH ST

SOURCE: DIGITAL BUSINESS DIRECTORY

2 **TOUCH OF BEAUTY**
24 **MISSION OF LOVE EVANGELISTIC**
39 **MAJOR MOTOR AUTO SUPPLY**
43 **HERBERT THELMER C**...*RESIDENTIAL*
47 **HOLLAND DWIGHT**...*RESIDENTIAL*
47 **WILLIAMS R M**...*RESIDENTIAL*
53 **HARVEY CTR FOR COMMUNITY ACTN**
63 **TISHAWN'S TOWING**
70 **STEWART JOHN D**...*RESIDENTIAL*
75 **LOGGINS HENRY LEE**...*RESIDENTIAL*
97 **97 DENTAL CTR**

2000 MYRTLE AVE

SOURCE: DIGITAL BUSINESS DIRECTORY

15209 **THOMAS DORETHA**...*RESIDENTIAL*
15213 **ALEXANDER C**...*RESIDENTIAL*
15231 **SALES RICHARD R**...*RESIDENTIAL*
15234 **ALTMAN JOS W REV**...*RESIDENTIAL*
15234 **ASCENSION-ST SUSANNA PARISH**
15234 **KILEY PHILLIP**...*RESIDENTIAL*
15235 **PODGORNY JOS**...*RESIDENTIAL*
15300 **HARTON TGEORGE**...*RESIDENTIAL*
15314 **MARTIN DELANEY**...*RESIDENTIAL*
15315 **FRANCISCO JARROD**...*RESIDENTIAL*
15315 **JORDAN SANDRA**...*RESIDENTIAL*
15320 **GILDART ERIC**...*RESIDENTIAL*
15324 **HORTON R C**...*RESIDENTIAL*
15331 **HANSBOROUGH GWEN**...*RESIDENTIAL*
15333 **HENRY K**...*RESIDENTIAL*
15336 **JOHNSON LILLIAN**...*RESIDENTIAL*
15405 **CAM-WIL CONSTRUCTION**
15415 **MC NEAL TAREZ E**...*RESIDENTIAL*
15417 **BRADFORD DAVID**...*RESIDENTIAL*
15426 **SONSIADEK MIKE**...*RESIDENTIAL*
15433 **JOHNSON LINDA**...*RESIDENTIAL*
15434 **WILLIAMS ALVIN**...*RESIDENTIAL*
15438 **FAITH HOPE & CHARITY CHURCH**
15438 **FIRST CH OF CHRIST SCIENTIST**

1996 E 154TH ST

SOURCE: HAINES

2	MID K BEAUTY SUPPLY
24	MISSION LOVE EVNGLS
26	XXXX
39	MAJOR MOTOR SUPPLY
40	XXXX
43	HERBERT THELMER C
43	PARKER GROCERY & DELI
46	XXXX
47	WILLIAMS R M
48	RAMIREZ PABLO
50	XXXX
51	CEDA H IHEAP PRORM
51	HARVEY AREA CMTY CT
53	XXXX
55	XXXX
58	HARVEY HLTH CT & PHAR
60	XXXX
62	BERNICES BEAUTY SLN
63	TISHAWNS TOWING
65	XXXX
66	XXXX
70	STEWART JOHN D
75	LOGGINS HENRY LEE
89	FAMILY SV CENTERS
97	GRUBER ALBERT DDS
97	HARVEY DENTAL CNTR
103	XXXX

1996 MYRTLE AVE

SOURCE: HAINES

15147	SC DIST 152 SUPT
15147	SC SANDBURG PRINCPL
15201	XXXX
15209	THOMAS D C
15213	ALEXANDER C
15217	XXXX
15219	XXXX
15225	XXXX
15231	SALES R R
15234	ALTMAN JOS W REV
15234	ASCENSION ST SUSNNA
15234	KILEY PHILLIP
15234	SCHLAX CHARLES REV
15234	SCHLAX CHAS H REV
15235	PODGORNY JOS
15300	HALL D
15301	XXXX
15312	XXXX
15314	MARTIN DELANEY
15315	FRANCISCO JARROD
15320	XXXX
15327	XXXX
15328	XXXX
15329	XXXX
15331	HANSBOROUGH GWEN
15332	XXXX
15333	LEWIS GEORGE
15336	ELY ERICA M
15337	XXXX
15405	POLK KIM
15415	XXXX
15417	BRADFORD DAVID
15418	XXXX
15426	SONSIADEK MIKE
15428	XXXX
15429	XXXX
15430	HENDERSON BREANNA
15432	XXXX
15433	XXXX
15436	XXXX
15438	FAITH HOPE & CHRTY CH
15459	XXXX

1991 E 154TH ST

SOURCE: HAINES

2	MID K BEAUTY SUPPLY
6	XXXX
10	XXXX
12	XXXX
14	PROGRSV BEAUTY SLN
20	XXXX
24	MISSION LOVE EVNGLS
26	S&5 FISHERY
39	MAJOR MOTOR SUPPLY
40	XXXX
43	XXXX
45	XXXX
47	WILLIAMS R M
50	XXXX
51	CEDA M IHEAP PRGRM
51	HARVEY AREA CMTY CT
53	XXXX
58	HARVEY HLTH CT & PHAR
60	XXXX
62	BERNICES BEAUTY SLN
63	V A P
65	XXXX
66	XXXX
89	FAMILY SV CENTERS
97	GRUBER ALBERT DDS
97	HARVEY DENTAL CNTR
98	XXXX
99	XXXX
100	XXXX
102	XXXX

1991 MYRTLE AVE

SOURCE: HAINES

15147	SC GWENDOLYN BROOKS
15147	SC SANDBURG PRINCPL
15201	XXXX
15209	THOMAS D C
15209	THOMAS LOUIS C
15213	ALEXANDER C
15217	XXXX
15219	XXXX
15225	CALDWELL C
15229	MIMS VERNIA
15231	SALES R R
15234	ASCENSION C H
15234	MULTI TENANT RESIDENTIAL
15235	PODGORNY JOS
15237	XXXX
15239	CLANTON GAIL
15241	HENNINGS GREGORY
15243	XXXX
15245	XXXX
15247	XXXX
15300	JACKSON S
15301	WOODS JOHN J
15302	XXXX
15305	XXXX
15306	XXXX
15307	DAVIS OSCAR JR
15307	POOLE CAROLYN
15308	XXXX
15312	XXXX
15314	XXXX
15315	MULTI TENANT RESIDENTIAL
15324	CORSAW MIKE
15327	XXXX
15328	MITCHELL NAZZIE
15329	XXXX
15331	HANSBOROUGH GWEN
15332	XXXX
15336	JOHNSON LILLIAN
15337	XXXX
15338	TURNER MORRIS
15405	MELTON THEA
15410	XXXX
15411	MATTHEWS DOUGLAS
15414	XXXX
15415	BROWN LISA
15415	ROSS EUGENE
15416	BOOKER MARILYN
15417	BRADFORD DAVID
15418	XXXX
15420	XXXX
15421	HENDERSON SHARON
15423	XXXX
15425	XXXX
15426	MULTI TENANT RESIDENTIAL
15428	XXXX
15429	XXXX
15432	LEWIS RITA
15433	HORTON HORACE B
15433	SKIDMORE L
15434	XXXX
15436	XXXX
15459	XXXX

1985 E 154TH ST

SOURCE: HAINES

1	SMITH BROS
6	SECOND CHANCE
8	INTL STAR PRODUCTNS
8	SIENNA DESIGN INC
10	XXXX
12	XXXX
14	SONGERO FLORENCE
20	XXXX
24	MISSION LV EVNGLSTC
26	DOCK SIDE
39	MAJOR MOTOR SUPPLY
40	XXXX
43	PULLENS GROCERIES
43	SMITH DARLENE
45	XXXX
46	XXXX
47	COOPER PAUL
48	XXXX
50	GARCIA LUPE
51	HARVEY AREA SRV CT
53	XXXX
55	XXXX
58	CHARLES UPHL
60	HYDE PARK UPHOLSTRG
62	BERNICESS BTY SHOP
63	ECONOMICAL FRGN CAR
63	KIDD CAB CO
65	XXXX
66	AFTER HOUR LIQUOR
68	XXXX
69	M & L HOT DOG
69	PARKER BERTHENER
70	K G A BOOK & MAGAZINE
70	YOUNG JOE
72	XXXX
75	XXXX
76	DAVIS WILL
76	GUNN F
85	XXXX
89	FAMILY SV & MNTL HLTH
97	TAYA DENTAL CLINIC
98	FOTO SHOP THE
98	PARENT PHOTO SERV
99	XXXX
102	CHARLES TV RFRGRTN

1985 MYRTLE AVE

SOURCE: HAINES

152	19 HUNTER D JR
15147	SC DIST 152 G BRKS
15201	XXXX
15209	THOMAS D C
15209	THOMAS LOUIS C
15213	SCALES PATTIE K
15217	XXXX
15225	CALDWELL ERNEST
15229	MIMS VERNIS
15231	SALES R R
15234	ASCENSION CH
15234	PLEISS ANTHONY REV
15234	POUILLON HENRY L
15234	SCHLAX CHAS N
15235	PODGORNY JOS
15237	XXXX
15239	BELL CARRIE
15241	SHELL BARBARA J
15243	XXXX
15245	XXXX
15247	MADRID GEO I
15300	WILLIAMS LUCILLE
15301	MULTI TENANT RESIDENTIAL
15302	MODO CALVIN
15305	XXXX
15306	XXXX
15310	LOVE D
15312	LOVE K
15314	XXXX
15315	JOHNSON CARMANL
15317	NELSON FAITH
15321	XXXX
15324	MULTI TENANT RESIDENTIAL
15327	CLARK MELVIN
15329	XXXX
15331	HANSBOROUGH GWEN
15332	LESNIEWSKI RAY
15405	CLARK JAY
15410	PAYTON ERNEST
15411	HILL BRYNDAL
15414	BOOKER MARILYN
15414	STANEPHER THOS W
15415	WILLIAMS RUTHYE
15417	BRADFORD DAVID
15418	XXXX
15420	RESIDENTIAL LISTING
15421	HENDERSON JAS PLMBG
15423	XXXX
15425	XXXX
15426	DOBSON RICHARD H
15426	SONSIADEK MIKE
15428	SCHROCK ARTHUR C
15429	XXXX
15430	KERR JAS G
15432	XXXX
15433	HORTON HORACE B
15433	SKIDMORE L
15434	CARPENTER ROBT W JR
15436	RIALS JOCELYN
15459	XXXX

1980 E 154TH ST

SOURCE: HAINES

1	SEASON ALL INDSTRS
1	WISE CLINTON
8	MORNING STAR BAPT
12	XXXX
14	SONGERO FLORENCE
17	XXXX
18	XXXX
20	D & H FISHERIES
24	XXXX
30	MAJOR MOTOR SUPPLY
40	XXXX
45	BEAVERS JAS D
46	XXXX
47	RESIDENTIAL LISTING
50	THOMAS JAMIE FD SHP
51	HARVEY AREA CMTY SV
53	XXXX
55	BLUE STAR AUTO STRS
58	GENERAL FINANCE
60	FRANK & DAVES B & H TV
62	AFRICAN FIGHTG ARTS
63	KIDD CAB CO
65	XXXX
66	AFTER HOUR LQR STR
68	XXXX
69	M & L HOT DOG
69	OWENS BOOKKEEPING
69	SMITH LILLIAN
70	K G A BOOK & MAG EXCH
72	SUBJECT HAIR
75	ELM TREE REALTY
75	MONROE LOUIS
85	JOHNSON OZELLA
89	FAMILY SV MNTL HLTH
91	CALLOWAY UPHLSTRY
97	CUBBON HENRY SR DDS
98	FOTO SHOP THE
98	PARENT PHOTO SERV
99	VICS BARBER SHOP
100	LAFEMINIQUE COFFURE
101	XXXX

1980 MYRTLE AVE

SOURCE: HAINES

72 total records. Part 1 of 2

15147	SCHL PUB HARVEY 152
15201	FUSSELL FLOYD
15205	HUNTER D
15209	THOMAS D C
15213	ALEXANDER RUBY
15217	XXXX
15219	GIADOM KEMTE
15225	CALDWELL ERNEST
15229	XXXX
15231	SALES R R
15231	SALES RICHARD R
15234	ASCENSION CHURCH
15234	PLEISS ANTHONY - REV
15234	POUILLON HENRY L
15235	PODGORNY JOS
15237	XXXX
15239	ROBINSON CARRIE
15241	MORRIS STANLEY
15243	OSBORNE KATHERINE
15243	SOWERS ULMONT
15245	XXXX
15247	MADRID GEO
15301	NOWICKI M
15301	UNDERWOOD O C MRS
15302	XXXX
15305	BOWEN SHIRLEY
15306	MITCHELL P K
15307	POOLE CAROLYN
15308	HALL SHYRONE
15310	XXXX
15312	XXXX
15314	XXXX
15315	XXXX
15317	CHRISTIAN WM M
15318	HALL PARTHENIA M
15321	XXXX
15324	MULTI TENANT RESIDENTIAL
15327	CLARK MELVIN
15329	WILSON LESTER
15331	DAHLBERG GEO
15332	LESNIEWSKI RAY
15333	XXXX
15334	SMITH ROSIE
15336	XXXX
15338	MULTI TENANT RESIDENTIAL
15404	XXXX
15405	SCHROCK ARTHUR C
15410	KEELING M P
15411	MILLER JACQULINE B
15414	STANEPHER THOS W
15415	MORRIS LATONIA
15415	SWANIGAN MARY
15416	XXXX
15417	BRADFORD DAVID
15418	BARNHISEL CLARENCE
15420	BRITT CHAS E
15421	HENDERSON JAS PLGB
15423	ANGEL V
15425	XXXX
15426	SARENY PAUL
15426	SONSIADEK MIKE
15428	BRADFORD JAMES H
15428	ROY LUTHER
15429	XXXX
15430	KELLY DIANNE
15430	VANLANGE DARLENE
15432	SALTER T
15433	HORTON HORACE B
15433	SKIDMORE L

1980 MYRTLE AVE

SOURCE: HAINES

Part 2 of 2

15434 DENEAL A F
15436 WEBB CEDRIC E
15507 EAGAN LAWRENCE

1974 E 154TH ST

SOURCE: HAINES

10 PAYNE MARJORIE
12 CARD EARL S
14 FLOS BTY ESSELON
14 GOLD FRED B
14 STATE FARM INSURNCE
17 XXXX
18 HOLLERS CAMERA STR
20 HARVEY PAINT CO
20 ILLINOIS BELL BUS
20 TELEPHN CO ILL BELL
24 BROADWAY USED FURNT
26 BRODERICK KANE INS
39 MAJOR MOTOR SUPPLY
40 WORTH MOTORS
43 ROSES HOUSE CHARM
43 SKISCIM VICTORIA
45 BEAVERS JAS D
46 FRAGGOS JAS G
47 FEHLAND HERMAN H
48 XXXX
50 CATEMIS ERNIE
50 THOMAS J FOOD SHOP
50 THOMAS THEODORA
51 COOK CO PBLC HLTH
53 XXXX
54 XXXX
55 BLUE STAR AUTO STRS
58 GENL FINANCE LOAN
60 B&H RADIO SALES&SV
60 BADIS J S
60 SO SUBN RADIO TV SV
62 SPEED PRINT 41
63 GUARON ROOFING CO
65 SIMMONS THOS C
66 WATKINS QLTY PRDTS
68 COUWENHOVEN M
69 HASLET EARL A
69 PROGRESSIVE BTY SLN
69 VETERANS ALTRTN & RPR
70 K G A BK & MGZNE EXCH
72 LACIES BEAUTY SALON
72 RAMSEY LEWIS JR
75 ELM TREE REALTY
75 HOLMES YATES CO
75 ILLINOIS BELL BUS
75 YATES JOHN E
76 GRONO WALTER
85 ACA RET BUSINESS SV
85 GEORGES FURNACE & MTL
85 WARD LEON
89 FAMILY SV & MNTL HLTH
91 A ACTION CHEM SALES
91 A ACTION EXTERMNTNG
91 ACTION EXTERMINATNG
91 QUICK ACTN EXTRMNTG
91 RICH EULA
97 CUBBON H TODD DDS
97 CUBBON HENRY SR DDS
98 FOTO SHOP THE
98 PARENT PHOTO SERV
99 GIBSON J L
99 VICS BARBER SHOP
100 R & D DISTRIBUTORS
101 XXXX

79 total records. Part 1 of 2

15147	XXXX
15201	HALDORSON OSCAR H
15205	PIAZZA AUG W
15209	TEAGUE DAVID G
15213	XXXX
15217	SKIRVIN JOHN W
15219	MULTI TENANT RESIDENTIAL
15225	CUMMINS ROY
15229	REHBERG IRVINR
15231	BRUGATO ROSE
15231	SALES R R
15231	SALES RICHARD R
15234	PLEISS ANTHONY REV
15234	POUILLON HENRY L
15235	PODGORNY JOS
15237	WALLERSTEDT ROBIN
15239	ROBINSON WM E
15241	XXXX
15243	SOWERS ULMONT
15243	VAUGHN IRA
15245	WILSON RICHARD D
15300	BRACCIO JOS M
15300	ZUREK RICHARD
15301	MULTI TENANT RESIDENTIAL
15302	XXXX
15307	EICHORST THOS M
15307	SHOVER B J
15308	XXXX
15312	XXXX
15315	MULTI TENANT RESIDENTIAL
15317	CHRISTIAN WM M
15318	BOSWELL JAS O
15321	WOOD WM H
15323	BALDING ELSIE
15323	SLEVNIK JOS C
15324	MULTI TENANT RESIDENTIAL
15327	YEAGER E
15328	CRAWFORD CLIFTON
15328	CULVER PATK L
15329	MCCORMICK EVERETT
15331	DAHLBERG GEO
15332	LESNIEWSKI RAY
15333	CHRISTIAN RODGER D
15333	SCHOENECK BRUCE
15334	BISHOP JAS H
15334	MERSHON J J
15336	FREESE GEO B
15337	EVANS CHAS
15338	MANGANO ANGELO
15404	XXXX
15405	MULTI TENANT RESIDENTIAL
15410	KEELING M P
15411	BOLTZ KENNETH J
15411	HINRICHS L A
15414	STANEPHER THOS W
15415	XXXX
15416	BRUCKMAN LAWRENCE
15417	BRADFORD DAVID
15418	BARNHISEL CLARENCE
15420	VANDAM CORNELIUS
15421	HENDERSON JAS CONTR
15423	MCGEHEE WM R
15425	XXXX
15426	GRAY DAVID T
15426	SARENY PAUL
15428	ROY LUTHER
15428	SONSIADEK MIKE
15429	PATRICK J B
15430	MULTI TENANT RESIDENTIAL

1974 MYRTLE AVE
SOURCE: HAINES

Part 2 of 2

15432	FRIEDLANDER A
15432	NELSON ELEANOR E
15433	HORTON HORACE B
15433	SKIDMORE L
15434	PETERSON RICHARD W
15434	SAWYERS M E
15436	BUELOW CHAS A
15436	SNUZIK TED
15507	EAGAN LAWRENCE
15516	QUINLIVEN J R

1970 E 154TH ST

SOURCE: HAINES

1	BRADSHAW C INC
10	ETHERIDGE WINSTON
12	CARD EARL S
14	FLOS BTY ESSELON
14	GOLD FRED B
14	STATE FARM INSURNCE
18	HOLLERS CAMERA STR
20	HARVEY PAINT CO
24	HEIGHTS JOURNAL
24	ROBBINS JOURNAL
24	SUBURBAN JRNL NWSPR
26	BRODERICK KANE INS
39	MAJOR MOTOR SUPPLY
43	COSTELLO THOSE
43	SKISCIM VICTORIA
43	SPEED PRINT
45	WELLER ROSE MRS
46	FRAGGOS JAS G
47	FEHLAND HERMAN H
50	CATEMIS ERNIE
50	THOMAS JAMIE FD SHP
50	THOMAS THEODORA
51	COOK CO PBLC HLTH
53	SPIEGEL HARVEY SLS
54	SIBLEY DRV IN CLNRS
55	BLUE STAR AUTO STRS
58	GENL FINANCE LOAN
60	B & H RADIO SALES & SV
60	BADIS J S
60	SO SUBN RADIO TV SV
62	MANAGEMENT SYSTEMS
62	VAL DES ENTERPRISES
63	WORTH MOTORS
66	WATKINS QLTY PRDTS
68	COUWENHOVEN M
69	BERRY B K
69	RIXEN ENGRAVING
70	ALICES GIFT SHOP
70	MCCORMICK JERRY W
70	MILLER HELEN
72	LACIES BEAUTY SALON
72	TUCKER GRANVILLE W
75	ARMANDS BARBER SHOP
75	HOLMES YATES & CO
75	YATES JOHN E
76	GRONO WALTER
85	SIBLEY REFRIGRATION
89	JR ACHVMT BUSNS CTR
91	BENSMAN VISION & HRNG
91	BENSMAN WAYNE T OD
91	DOLTON RVRDL OPTICL
97	CUBBON HENRY O DDS
98	FOTO SHOP THE
98	PARENT PHOTO SERV
99	GIBSON J L
99	VICS BARBER SHOP
100	GLENS UNIFORM SALES
100	MANDELKOW GLEN
102	ADAVANCED BUS MACHS

1970 MYRTLE AVE

SOURCE: HAINES

79 total records. Part 1 of 2

15147	BOARD EDUC DIST 152
15201	HALDORSON OSCAR H
15205	PIAZZA AUG W
15209	TEAGUE DAVID G
15213	TREICHEL MURIEL F
15219	MULTI TENANT RESIDENTIAL
15225	CUMMINS ROY
15229	REHBERG IRVIN R
15231	BRUGATO ROSE
15231	SALES RICHARD R
15234	SHEVLIN JAS E REV
15235	PODGORNY JOS
15239	SCHEFFERS JOHN JR
15241	POWELL GEO M JR
15243	SOWERS ULMONT
15243	VAUGHN IRA
15245	WILSON RICHARD D
15300	ZUREK RICHARD
15301	MULTI TENANT RESIDENTIAL
15302	BRACCIO ANTHONY
15307	HON M A
15307	REILAND DON
15308	SALES JAY L
15310	CHESSER PATRICIA A
15312	WILLIAMS MARION J
15315	MULTI TENANT RESIDENTIAL
15317	CHRISTIAN WM M
15318	GEARON WEBB
15320	BUCHE DENNIS
15320	ENGELBRECHT HENRY
15321	WOOD WM H
15323	BALDING ELSIE
15323	SLEVNIK JOS C
15324	MULTI TENANT RESIDENTIAL
15327	YEAGER E
15329	MCCORMICK EVERETT
15331	DAHLBERG GEO
15332	LESNIEWSKI RAY
15333	SCHOENECK BRUCE
15334	BISHOP JASH
15334	MERSHON J J
15336	FREESE GEO B
15336	HEIMLICH THOS M
15337	EVANS CHAS
15338	MANGANO ANGELO
15338	MANGANO NORMAN J
15338	MANGANO PATTY
15338	PUGLISE JOSEPHINE
15404	SO SUBN HUMAN RLTNS
15405	MULTI TENANT RESIDENTIAL
15410	KEELING M P
15411	BOLTZ KENNETH J
15411	HINRICHS L A
15414	STANEPHER THOS W
15415	FLOWERS PAUL
15415	HILLYER ROBT W
15416	KREMIAN E J
15417	SHARP JAS V
15418	BARNHISEL CLARENCE
15420	VANDAM CORNELIUS
15421	HENDERSON PLBG&HTNG
15423	MCGEHEE WM R
15425	ROCKWOOD HARRY A JR
15426	GRAY DAVID T
15426	SARENY PAUL
15428	ROY LUTHER
15428	SONSIADEK MIKE
15429	PATRICK J B
15430	HODGETT MARJORIE E

1970 MYRTLE AVE

SOURCE: HAINES

Part 2 of 2

15430	MULTI TENANT RESIDENTIAL
15432	BRAND S V
15432	FROSOLONE WM A
15433	HORTON HORACE B
15433	SKIDMORE L
15434	PETERSON RICHARD H
15434	SAWYERS M E
15436	MULTI TENANT RESIDENTIAL
15516	08ERG FRANK O MRS
15516	QUINLIVEN JOSEPHINE

1965 E 154TH ST

SOURCE: REUBEN H DONNELLEY CO

0	ALLIS CHALMERSKATRLHANDLING SALES & SERV
0	BANK BLDG & EQPANT CORP OF AMERICA 334-4862
1	BRADSHAW C INC
14	FLO'S BEAUTY ESSE'LON
14	GOLD F B
18	HOLLER'S CAMERA STORE & STUDIO ED3-4027
20	HARVEY PAINT CO ED3-2542
26	BRODERICK - KANE RL EST & INSURANCE ED1-3000
39	WESTERN TIRE AUTO STORES INCORPORATED ED1-6080
41	DEBMAR LNDRET ED1-5246
43	MISS J'S 331-0908
43	ROBINSON G S 331-5088
43	SKISCIA V 331-6056
45	WALL H A 333-6698
46	FRAGGOS J G ED1-3581
47	FEHLAND H H ED3-0788
47	STEPIEN ESTHER
48	ROBBINS H
50	THOMAS THEODORA
51	COOKCOUNTY DEPTOFPUBHLTH SOUTH UNIT
53	SPIEGEL CATLG SHOPPING CENTER
54	WHITE SWAN CLNRS & LAUNDERERS INC
55	BLUE STAR AUTO STORES
58	GENERAL FINANCE LOAN COMPANY 333-6500
60	B & H RADIO SALES & SERVICE
62	VALDES DANCE STUDIO 333-6789
65	COUWENHOVEN K
65	DANIEL C T
65	SNYDER G 333-8422
66	WOMACK REALTY 331-3973
68	HINKLE J 333-5211
69	OLIVER E J 331-0518
70	GRONO W ED3-0403
70	MILLER HELEN ED3-3623
75	HOLMES YATES & CO
75	MARTIN K 339-0947
76	MUFF E D
85	ANDERSON D H 339-2378
85	GARNEY'S REFRGTN & AIR CONDTG SERV 334-8180
89	SHERWIN - WILLIAMS COMPANY
91	BENSMAN W T OD 333-6580
97	CUBBON H'O DDS
98	BENNETT E L 331-3066
98	PARENTPHOTOSERV 333-9145
99	TRUMANN V W 333-9794
100	HARVEY CITY OF WATER DEPARTMENT
101	ZATZ E

80 total records. Part 1 of 2

15147	BOARD OF EDUCATION DISTRICT
15201	HALDORSON O H
15205	PIAZZA A W
15209	ABELS A C
15213	TREICHEL M F
15217	SKIRVIN J W
15219	KING F R
15219	RYAN J
15225	CUMMINS R
15229	REHBERG I R
15231	BRUGATO ROSE
15231	SALES R R
15234	SHEVLIN J REV
15235	PODGORNY J
15237	DERUITER L
15239	SCHEFFERS JOHN JR
15241	POWELL G M JR
15243	SHELTON R G
15243	VAUGHN I
15300	LANDIS H
15301	MULTI TENANT RESIDENTIAL
15302	BRACCIO A
15305	TAGSHERER T
15306	YOUNG JANET M
15307	SHOUSE S L
15307	SHOVER B J
15308	SALES J L
15310	COLLINS F L
15312	WILLIAMS J E
15315	MULTI TENANT RESIDENTIAL
15317	SEAMON E
15318	GEARON W
15320	BUCHE MARY L
15320	ENGELBRECHT H
15321	DIDONATO J
15323	SLEVNIK J C
15324	MULTI TENANT RESIDENTIAL
15327	RUTKAUSKI G
15328	EVANS C
15329	LAPOINTE B J
15329	WENTZ M
15331	DAHLBERG G
15332	LESNIEWSKI R
15333	LIVINGSTON H
15333	SAMPOGNARO J
15334	HOWELL L
15334	LENNON J T
15336	FREESE G B
15336	HEIMLICH T M
15337	SWITZER C
15338	MULTI TENANT RESIDENTIAL
15404	STONE GEO L INS AGENCY
15405	SCHROCK A C
15405	VOIGT ELSIE L
15410	KEELING M P
15411	BOLTZ K J
15411	HINRIGHS L A
15414	STANEPHER T W
15415	FLOWERS P
15415	MCCARTHY G F
15416	STALCUP HAZEL
15417	LANE G K
15418	BARNHISEL C R
15420	MULTI TENANT RESIDENTIAL
15421	HENDERSON JAS E PLBG & HTG CONTR
15423	MCGEHEE W R
15425	ROCKWOOD H JR
15426	KENNEDY ANN T
15426	WISER L C

1965 MYRTLE AVE
SOURCE: REUBEN H DONNELLEY CO

Part 2 of 2

15428	BJERKE R A
15428	SONSIADEK M
15429	PATRICK J B
15430	SCHIMAN P A
15432	ERNST E E
15433	HORTON H B
15433	SKIDMORE L
15434	PETERSON R W
15434	SAWYERS M E
15436	MULTI TENANT RESIDENTIAL
15507	EAGART L

1960 E 154TH ST

SOURCE: REUBEN H DONNELLEY CO

0	ALLIS CHALMERS MFG COMPANY
0	GIBSON BROSMTRSALES
0	LOYAL ORDER OF MOOSE LODGE NO 1203
0	PETERS D G
0	TOMMY'S AUTOTRIMSHP
0	WOMENT OF THE MOOSE CHAPTER
1	BRADSHAW C INC
2	ACKERMAN'S
10	FURMANEK P M
14	FLO'A BEAUTY ESSE LON
14	GARNEY H J
14	MARTIN C L
17	GILBERT'S FOOD STORE
18	HOLLER LR CAMERA STORE STUDIO
20	HARVEY PAINT CO
24	BRODERICK - KANE RL EST & INSURANCE
39	WESTERN TIRE AUTO STORES INCORPORATED
41	DEBMAR LNDRET
43	ALYCE'S HSE - OF BEAUTY
43	BOUDREAU W D
43	FLYNN GLADYS
45	LANMAN M
46	FRAGGOS J G
47	FEHLAND H H
47	STEPIEN ESTHER
48	ROBBINS H
50	STIKAS A
50	THOMAS THEODORA
51	COOKCOUNTY DEPTOFPUBHLTH SOUTH UNIT
53	SPIEGEL
54	WHITE SWAN CLNRS & LAUNDERERS INC
58	B & H STERO HI FI
60	B & H RADIO SALES & SERVICE
62	U S INTERNAL REVENUE SERVICE DIV - OFC - DEPUTY COLLECTOR OF
65	CHESNEY C
65	COUWENHOVEN M
66	TOMACK & CO
69	ARMAND'S BARBER SHOP
69	MCCLELLAN SUE
69	WENTZ W R
70	GRONO W
70	MILLER HELEN
75	HARVEY NEWS BEE INCORPORATED
75	HOLMES YATES & CO
75	MCGOWAN E A
76	MUFF E D
85	WESTERN AUTO ASSOCIATE STORE
89	SHERWIN - WILLIAMS COMPANY
93	GRINSTEAD J
100	HARVEY CITY OF WATER DEPARTMENT
101	ZATZ E DSC

1960 MYRTLE AVE

SOURCE: REUBEN H DONNELLEY CO

110 total records. Part 1 of 2

15147	BOARD OF EDUCATION DISTRICT 152
15200	BURMEISTER D
15201	HALDORSON O H
15204	STEVENS R H
15205	PIAZZA A W
15209	ABELS A C
15210	CARNEY E A
15210	LINDSAY J M
15212	BASFORD H
15213	HELLMANN K C
15213	HELLMANN O C
15214	RUFF W
15216	CUSPAK J A
15217	SKIRVIN J W
15218	RENTNER H
15219	KING F R
15219	SCHMIED E C
15220	VINCENT R F
15225	CUMMINS R
15228	VERLEY G M
15229	REHBERS I R
15231	SALES R R
15234	SHEVLIN J REV
15235	PODGORNY J
15237	DERUITER L
15239	SCHEFFERS JOHN JR
15241	KETH J J
15243	DURHAM E G
15245	ROCKWOOD M J
15301	DITMARS J
15301	FOX J J
15301	GARNER C J
15301	POMEROY C E
15302	BRACCIO A
15302	KUHNAU MARY
15306	OSBORNE W L
15306	YOUNG R M
15307	SHORT J G
15307	WEGNER F P
15308	FREESE R
15310	TUCKER J K
15311	BELL H C
15312	COLLINS F L
15313	HUGHES H
15315	BAUGH J E
15315	CHRISTIAN W M
15315	GRIFFITH L
15315	PETERSON R E
15318	GEARON W
15320	GUINCE J W
15320	SHARP L C
15321	DYKSTRA R
15323	ASHTON O L
15324	BARKWILL S A
15324	FIELDEN M
15324	SEEBACH VIOLA
15324	WILSON R
15324	ZERSE T F
15327	RUTKAUSKI G
15328	JOHNSON J B
15328	SISK R S
15329	LAPOINTE B J
15329	POLKOW L
15329	WENTZ M
15331	DAHLBERG G
15332	LESNIEWSKI R
15333	SAMPOGNARO J
15333	WYATT G M
15334	HOWELL L

1960 MYRTLE AVE

SOURCE: REUBEN H DONNELLEY CO

Part 2 of 2

15336	FREESE G B
15336	WESTBROOK A
15337	STEPHENSON E
15338	MANGANO A
15404	STONE GEO L INS AGENCY
15405	BROEK H B
15405	BROWN RUTH
15405	VOIGT ELSIE L
15410	KEELING M P
15411	BOLTZ K J
15411	HINRICHS L A
15414	STANEPHER T W
15415	FLOWERS P
15415	MCCARTHY G F
15416	CRAIN MARGENE
15416	SALAMONE J C
15417	LANE G K
15419	BARNHISEL C R
15420	VANDAM C
15421	HENDERSON JAS HTG CONTR
15421	HENDERSON T
15423	MCGEHEE W R
15425	HARDIN H
15427	VANDER AA N
15428	SONSFADEK M
15429	PATRICK J B
15430	PIAZZA G
15430	SAURIOT M J
15430	TRAGNITZ R P
15432	HALVERSON D A
15432	HENSHAW O J
15432	STORRIE EDITH
15433	HORTON H B
15433	SKIDMORE L
15434	HOLTON GRACE
15434	MAYS M A
15434	WILSON HELENE
15436	BUELOW C A
15436	NOOTBAAR D L
15436	SNUZIK T
15507	SAUERBIER H O

1957 E 154TH ST

SOURCE: REUBEN H DONNELLEY CO

0	ACKERMAN'S
0	ALLIS - CHALMERS MFG COMPANY
0	BRADSHAW C INC
0	GIBSON BROSTRSALES
0	SMITH HARRY OLDSMOBILE
0	TOMMY'S AUTOTRIMSHP
10	MCCOY LEONA C
12	ACHILLY G E
14	BURNS CHARLENE
14	FLO'S BEAUTY ESSE'LON
14	HOLMES NORMA
18	HOLLER L R CAMERA STORE & STUDIO
20	HARVEY PAINT & SUPLY COMPANY
24	BRODERICK - KANE RL EST & INSURANCE
24	DENNIS G A
39	WESTERN TIRE AUTO STORES INCORPORATED
43	COCHRAN E W
43	RUTH'S BEAUTY SALON
45	PATTEN W O
46	FRANGOS J G
47	FEHLAND H H
47	STEPIEN ESTHER
50	THOMAS THEODORA FOOD SHOP
51	COOKCOUNTY DEPTOFPUBLTH SOUTH UNIT
53	SPIEGEL INC
54	WHITE SWAN CLNRS & LAUNDERERS
60	B & H RADIO SALES & SERVICE
62	U S INTERNAL REVENUE SERV DIV OFC DEPTY COLLECTOR OF
65	CHESNEY C
65	FLYNN F H
66	BARB'S COTTON DRESS SHOP
69	COGHLAN H R
69	CONDIT J
70	GRONG W
70	MILLER HELEN
72	DAVIS C T
75	HARVEY NEWS BEE INCORPORATED
75	HOLMES YATES & CO
75	LOVE JULIA A
75	MCGOWAN E A
76	LELLEY L S
85	SWETT V A
85	WESTERN AUTO ASSOCIATE STORE
89	SHERWIN - WILLIAMS COMPANY
91	CALUMET BUSINESS MACHINES
91	JOPPA P
93	GRINSTEAD J
95	GIBSON W
97	ADLER G
100	HARVEY CITY OF WATER DEPARTMENT
101	ZATZ E DSC

117 total records. Part 1 of 2

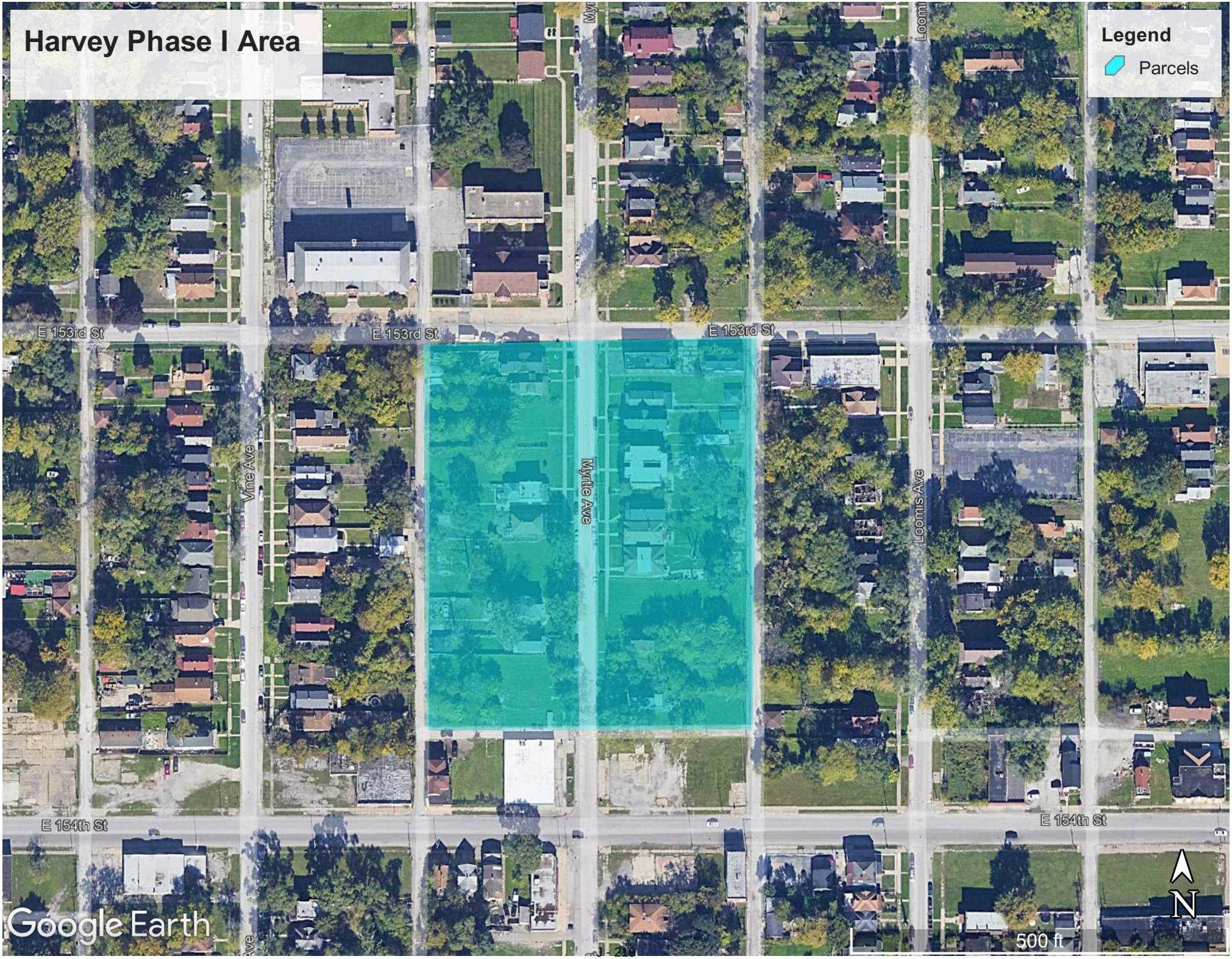
15147 BOARD OF EDUCATION DISTRICT 152
15200 MCGOLDRICK E
15201 HALDORSON O H
15204 STEVENS R H
15205 PLAZZA A W
15209 ABELS A C
15210 CARNEY E A
15210 LINDSAY J M
15212 BASFORD H
15213 HELLMANN K C
15213 HELLMANN O C
15214 RUFF W
15216 CUSPAK J A
15217 SKIRVIN J W
15218 RENTNER H
15219 KING F R
15219 SCHMIED E C
15220 VINCENT R F
15224 GORMAN J E
15225 CUMMINS R
15228 VERLEY G M
15229 REHBERG I R
15231 EDISON R R
15231 SALES R R
15234 SHEVLIN J REV
15235 PODGORNY J
15237 DERUITER L
15239 SCHEFFERS JOHN JR
15241 KETH J J
15241 POLIZZI D
15243 SCHULTZ M
15243 WILLETT G H
15245 HERCULES C A
15247 LANGBAUER W R
15300 THOMAS A J
15301 GARNER C J
15301 HOFFER H
15301 STEVENS MARY
15301 WIERS E M
15302 BRACCIO A
15305 LEHNIG K MRS
15306 YOUNG JANET
15307 WINTERS H
15308 FREESE R
15310 WILLIAMS M J
15311 BELL H C
15314 EORIO EMILY
15314 SMITH R P
15315 APPLEGATE C H
15315 BRACH LUCILLE
15315 BRONLEY J
15315 GRIFFITH L
15315 HORNBACK R
15315 SHOUREK J E
15317 SEAMON E
15318 GEARON E
15320 ADEN D W
15320 HANSEN E W
15321 DYKSTRA R
15323 ASHTON O L
15324 BARKWILL S A
15324 FIELDEN L R
15324 HANEY MELVA
15324 L'ANSKUTT D E
15324 SEEBACH VIOLA
15327 RUTKAUSKI G
15328 BLACK J H
15329 LAPOINTE B J
15329 POLKOW L

1957 MYRTLE AVE
SOURCE: REUBEN H DONNELLEY CO

Part 2 of 2

15329 WENTZ M
15331 DAHLBERG G
15332 LESNIEWSKI R
15333 SAMPOGNARO J
15334 HOWELL B A
15334 HOWELL L
15336 FREESE G B
15337 COM - PORT STUDIO
15338 XANGANO A
15404 STONE GEO L INS AGENCY
15405 BROEK H B
15405 BROWN RUTH
15405 LEE D E
15405 WENBORG ANN P
15410 KEELING M P
15411 ROBBINS H
15411 STEPHENSON E
15414 STANEPHER T W
15415 FLOWERS P
15415 MCCARTHY G F
15416 CRAIN MARGENE
15416 SALAMONE J C
15417 SCANLON P J
15418 BARNHISEL C R
15420 FONTECHIA D
15420 HULBERT J R
15420 VANDAM C
15421 HENDERSON JAS HTG CONTR
15421 HENDERSON T
15423 MCGEHEE W R
15425 WILSON R L
15426 DAVIS J H
15427 VANDERAA H
15428 SONSIADEK M
15429 PATRICK J B
15430 BRUIN W R
15430 HURLEY C M
15432 HALVERSON D A
15432 STORRIE EDITH
15433 HORTON H B
15433 SKIDMORE L
15434 FESLER HELEN
15434 HOLTON GRACE
15434 WILSON HELENE
15436 BUELOW C A
15436 KELLOGG J H
15436 MUFF L A
15507 SAUERBIER H O

Appendix J
Property Information


Harvey Phase I Area
Legend
Parcels
E 153rd St
E 153rd St
E 153rd St
Vine Ave
Myrtle Ave
Loomis Ave
E 154th St
E 154th St
Google Earth
N
500 ft



Cook County Assessor's Office Information

For questions please visit: cookcountyassessor.com

Address	City	PIN
15318 MYRTLE AVE	HARVEY	29-17-113-027-0000
Township	**Neighborhood**	**Total Value**
Thornton	070	$5,500.00
Building Value	**Class**	**Estimated Building Sq Ft.**
$3,726.00	202	912
Land Square Footage	**Construction Type**	**Age**
6,451	Frame	115



Cook County Assessor's Office Information

For questions please visit: cookcountyassessor.com

Address	City	PIN
15338 MYRTLE AVE	HARVEY	29-17-113-035-0000
Township	**Neighborhood**	**Total Value**
Thornton	070	$5,601.00
Building Value	**Class**	**Estimated Building Sq Ft.**
$4,418.00	203	1,680
Land Square Footage	**Construction Type**	**Age**
4,299	Frame	131



Cook County Assessor's Office Information

For questions please visit: cookcountyassessor.com

Address	City	PIN
15327 MYRTLE AVE	HARVEY	29-17-114-009-0000
Township	**Neighborhood**	**Total Value**
Thornton	070	$1,183.00
Building Value	**Class**	**Estimated Building Sq Ft.**
$0.00	100	N/A
Land Square Footage	**Construction Type**	**Age**
4,299	N/A	0



Cook County Assessor's Office Information

For questions please visit: cookcountyassessor.com

Address	City	PIN
15314 MYRTLE AVE	HARVEY	29-17-113-026-0000
Township	**Neighborhood**	**Total Value**
Thornton	070	$6,800.00
Building Value	**Class**	**Estimated Building Sq Ft.**
$5,026.00	205	1,572
Land Square Footage	**Construction Type**	**Age**
6,451	Frame	130



Cook County Assessor's Office Information

For questions please visit: cookcountyassessor.com

Address	City	PIN
15336 MYRTLE AVE	HARVEY	29-17-113-034-0000
Township	**Neighborhood**	**Total Value**
Thornton	070	$5,601.00
Building Value	**Class**	**Estimated Building Sq Ft.**
$4,418.00	205	1,814
Land Square Footage	**Construction Type**	**Age**
4,299	Frame	125



Cook County Assessor's Office Information

For questions please visit: cookcountyassessor.com

Address	City	PIN
15327 MYRTLE AVE	HARVEY	29-17-114-010-0000
Township	**Neighborhood**	**Total Value**
Thornton	070	$9,101.00
Building Value	**Class**	**Estimated Building Sq Ft.**
$7,918.00	211	1,808
Land Square Footage	**Construction Type**	**Age**
4,299	Frame	125



Cook County Assessor's Office Information

For questions please visit: cookcountyassessor.com

Address	City	PIN
15310 W 151ST PL	HARVEY	29-17-113-025-0000
Township	**Neighborhood**	**Total Value**
Thornton	070	$13,000.00
Building Value	**Class**	**Estimated Building Sq Ft.**
$10,682.00	202	600
Land Square Footage	**Construction Type**	**Age**
8,429	Frame	72



Cook County Assessor's Office Information

For questions please visit: cookcountyassessor.com

Address	City	PIN
15334 MYRTLE AVE	HARVEY	29-17-113-033-0000
Township	**Neighborhood**	**Total Value**
Thornton	070	$5,501.00
Building Value	**Class**	**Estimated Building Sq Ft.**
$4,318.00	211	1,340
Land Square Footage	**Construction Type**	**Age**
4,299	Frame	130



Cook County Assessor's Office Information

For questions please visit: cookcountyassessor.com

Address	City	PIN
15329 MYRTLE AVE	HARVEY	29-17-114-011-0000
Township	**Neighborhood**	**Total Value**
Thornton	070	$8,001.00
Building Value	**Class**	**Estimated Building Sq Ft.**
$6,818.00	211	1,960
Land Square Footage	**Construction Type**	**Age**
4,299	Frame	125



Cook County Assessor's Office Information

For questions please visit: cookcountyassessor.com

Address	City	PIN
15307 MYRTLE AVE	HARVEY	29-17-114-003-0000
Township	**Neighborhood**	**Total Value**
Thornton	070	$10,100.00
Building Value	**Class**	**Estimated Building Sq Ft.**
$7,830.00	211	2,228
Land Square Footage	**Construction Type**	**Age**
8,255	Frame	110



Cook County Assessor's Office Information

For questions please visit: cookcountyassessor.com

Address	City	PIN
15305 MYRTLE AVE	HARVEY	29-17-114-002-0000
Township	**Neighborhood**	**Total Value**
Thornton	070	$5,100.00
Building Value	**Class**	**Estimated Building Sq Ft.**
$2,830.00	202	774
Land Square Footage	**Construction Type**	**Age**
8,255	Masonry	105



Cook County Assessor's Office Information

For questions please visit: cookcountyassessor.com

Address	City	PIN
15301 MYRTLE AVE	HARVEY	29-17-114-001-0000
Township	**Neighborhood**	**Total Value**
Thornton	070	$20,000.00
Building Value	**Class**	**Estimated Building Sq Ft.**
$18,828.00	211	1,960
Land Square Footage	**Construction Type**	**Age**
4,265	Stucco	96



Cook County Assessor's Office Information

For questions please visit: cookcountyassessor.com

Address	City	PIN
15308 MYRTLE AVE	HARVEY	29-17-113-024-0000
Township	**Neighborhood**	**Total Value**
Thornton	070	$5,200.00
Building Value	**Class**	**Estimated Building Sq Ft.**
$4,065.00	205	1,120
Land Square Footage	**Construction Type**	**Age**
4,129	Frame	135



Cook County Assessor's Office Information

For questions please visit: cookcountyassessor.com

Address	City	PIN
15332 MYRTLE AVE	HARVEY	29-17-113-032-0000
Township	**Neighborhood**	**Total Value**
Thornton	070	$1,385.00
Building Value	**Class**	**Estimated Building Sq Ft.**
$202.00	201	N/A
Land Square Footage	**Construction Type**	**Age**
4,299	N/A	0



Cook County Assessor's Office Information

For questions please visit: cookcountyassessor.com

Address	City	PIN
15331 MYRTLE AVE	HARVEY	29-17-114-012-0000
Township	**Neighborhood**	**Total Value**
Thornton	070	$5,501.00
Building Value	**Class**	**Estimated Building Sq Ft.**
$4,318.00	202	600
Land Square Footage	**Construction Type**	**Age**
4,299	Frame	130



Cook County Assessor's Office Information

For questions please visit: cookcountyassessor.com

Address	City	PIN
15311 MYRTLE AVE	HARVEY	29-17-114-004-0000
Township	**Neighborhood**	**Total Value**
Thornton	070	$35,966.00
Building Value	**Class**	**Estimated Building Sq Ft.**
$33,128.00	315	N/A
Land Square Footage	**Construction Type**	**Age**
10,319	N/A	100



Cook County Assessor's Office Information

For questions please visit: cookcountyassessor.com

Address	City	PIN
15306 MYRTLE AVE	HARVEY	29-17-113-023-0000
Township	**Neighborhood**	**Total Value**
Thornton	070	$6,400.00
Building Value	**Class**	**Estimated Building Sq Ft.**
$4,697.00	205	1,547
Land Square Footage	**Construction Type**	**Age**
6,190	Frame	135



Cook County Assessor's Office Information

For questions please visit: cookcountyassessor.com

Address	City	PIN
15332 MYRTLE AVE	HARVEY	29-17-113-031-0000
Township	**Neighborhood**	**Total Value**
Thornton	070	$5,401.00
Building Value	**Class**	**Estimated Building Sq Ft.**
$4,218.00	203	1,075
Land Square Footage	**Construction Type**	**Age**
4,299	Frame	133



Cook County Assessor's Office Information

For questions please visit: cookcountyassessor.com

Address	City	PIN
15333 MYRTLE AVE	HARVEY	29-17-114-013-0000
Township	**Neighborhood**	**Total Value**
Thornton	070	$1,183.00
Building Value	**Class**	**Estimated Building Sq Ft.**
$0.00	100	N/A
Land Square Footage	**Construction Type**	**Age**
4,299	N/A	0



Cook County Assessor's Office Information

For questions please visit: cookcountyassessor.com

Address	City	PIN
15317 MYRTLE AVE	HARVEY	29-17-114-005-0000
Township	**Neighborhood**	**Total Value**
Thornton	070	$662.00
Building Value	**Class**	**Estimated Building Sq Ft.**
$0.00	100	N/A
Land Square Footage	**Construction Type**	**Age**
2,409	N/A	0



Cook County Assessor's Office Information

For questions please visit: cookcountyassessor.com

Address	City	PIN
15302 MYRTLE AVE	HARVEY	29-17-113-022-0000
Township	**Neighborhood**	**Total Value**
Thornton	070	$6,100.00
Building Value	**Class**	**Estimated Building Sq Ft.**
$4,397.00	205	1,680
Land Square Footage	**Construction Type**	**Age**
6,190	Frame	135



Cook County Assessor's Office Information

For questions please visit: cookcountyassessor.com

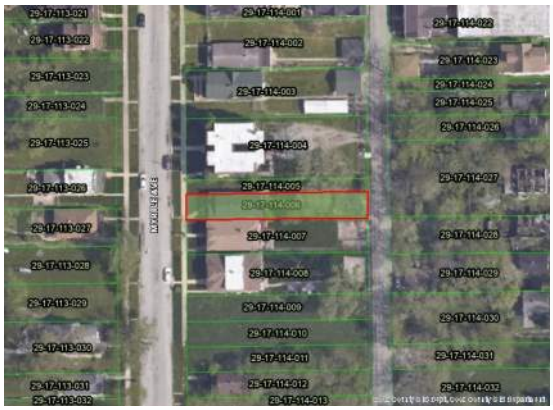
Address	City	PIN
15328 MYRTLE AVE	HARVEY	29-17-113-030-0000
Township	**Neighborhood**	**Total Value**
Thornton	070	$9,000.00
Building Value	**Class**	**Estimated Building Sq Ft.**
$6,635.00	211	2,136
Land Square Footage	**Construction Type**	**Age**
8,599	Frame	130



Cook County Assessor's Office Information

For questions please visit: cookcountyassessor.com

Address	City	PIN
15333 MYRTLE AVE	HARVEY	29-17-114-039-0000
Township	**Neighborhood**	**Total Value**
Thornton	070	$1,183.00
Building Value	**Class**	**Estimated Building Sq Ft.**
$0.00	241	N/A
Land Square Footage	**Construction Type**	**Age**
4,299	N/A	0



Cook County Assessor's Office Information

For questions please visit: cookcountyassessor.com

Address	City	PIN
15317 MYRTLE AVE	HARVEY	29-17-114-006-0000
Township	**Neighborhood**	**Total Value**
Thornton	070	$5,801.00
Building Value	**Class**	**Estimated Building Sq Ft.**
$4,618.00	203	1,452
Land Square Footage	**Construction Type**	**Age**
4,299	Frame	130



Cook County Assessor's Office Information

For questions please visit: cookcountyassessor.com

Address	City	PIN
15300 MYRTLE AVE	HARVEY	29-17-113-021-0000
Township	**Neighborhood**	**Total Value**
Thornton	070	$6,600.00
Building Value	**Class**	**Estimated Building Sq Ft.**
$5,428.00	205	2,050
Land Square Footage	**Construction Type**	**Age**
4,265	Frame	130



Cook County Assessor's Office Information

For questions please visit: cookcountyassessor.com

Address	City	PIN
15324 MYRTLE AVE	HARVEY	29-17-113-029-0000
Township	**Neighborhood**	**Total Value**
Thornton	070	$1,774.00
Building Value	**Class**	**Estimated Building Sq Ft.**
$0.00	100	N/A
Land Square Footage	**Construction Type**	**Age**
6,451	N/A	0



Cook County Assessor's Office Information

For questions please visit: cookcountyassessor.com

Address	City	PIN
15337 MYRTLE AVE	HARVEY	29-17-114-040-0000
Township	**Neighborhood**	**Total Value**
Thornton	070	$5,501.00
Building Value	**Class**	**Estimated Building Sq Ft.**
$4,318.00	202	906
Land Square Footage	**Construction Type**	**Age**
4,299	Frame	130



Cook County Assessor's Office Information

For questions please visit: cookcountyassessor.com

Address	City	PIN
15321 MYRTLE AVE	HARVEY	29-17-114-007-0000
Township	**Neighborhood**	**Total Value**
Thornton	070	$5,500.00
Building Value	**Class**	**Estimated Building Sq Ft.**
$3,939.00	203	1,000
Land Square Footage	**Construction Type**	**Age**
5,676	Masonry	101



Cook County Assessor's Office Information

For questions please visit: cookcountyassessor.com

Address	City	PIN
15320 MYRTLE AVE	HARVEY	29-17-113-028-0000
Township	**Neighborhood**	**Total Value**
Thornton	070	$8,000.00
Building Value	**Class**	**Estimated Building Sq Ft.**
$6,226.00	211	1,848
Land Square Footage	**Construction Type**	**Age**
6,451	Frame	125



Cook County Assessor's Office Information

For questions please visit: cookcountyassessor.com

Address	City	PIN
15337 MYRTLE AVE	HARVEY	29-17-114-016-0000
Township	**Neighborhood**	**Total Value**
Thornton	070	$1,183.00
Building Value	**Class**	**Estimated Building Sq Ft.**
$0.00	241	N/A
Land Square Footage	**Construction Type**	**Age**
4,299	N/A	0



Cook County Assessor's Office Information

For questions please visit: cookcountyassessor.com

Address	City	PIN
15323 MYRTLE AVE	HARVEY	29-17-114-008-0000
Township	**Neighborhood**	**Total Value**
Thornton	070	$5,500.00
Building Value	**Class**	**Estimated Building Sq Ft.**
$3,513.00	203	1,747
Land Square Footage	**Construction Type**	**Age**
7,222	Masonry	101

Appendix K
Records of Communication

********ECRWSSEDDM****
LOCAL POSTAL CUSTOMER

PRSRT STD
ECRWSS
U.S. Postage
PAID
Homewood, IL
Permit No. 130

City of Harvey
15320 Broadway
Harvey, IL 60426

HARVEY WATER QUALITY REPORT 2021

Definition of Terms

Maximum Contaminant Level Goal (MCLG): The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Maximum Contaminant Level (MCL): The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Highest Level Detected: This column represents the highest single sample reading of a contaminant of all the samples collected in 2021.

Level Found: This column represents an average of sample result data collected during the CCR calendar year. In some cases, it may represent a single sample if only one sample was collected.

Range of Detections: This column represents a range of individual sample results, from lowest to highest that were collected during the CCR calendar year.

Data of Sample: If a date appears in this column, the Illinois EPA requires monitoring for this contaminant less than once per year because the concentrations do not frequently change. If no date appears in the column, monitoring for this contaminant was conducted during the Consumer Confidence Report calendar year.

Action Level (AL): The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Treatment Technique (TT): A required process intended to reduce the level of a contaminant in drinking water.

nd: Not detectable at testing limits.

n/a: Not applicable

mg/l: milligrams per litre or parts per million - or more ounce in 7,350 gallons of water

ug/l: micrograms per litre or parts per billion - or one ounce in 7,350,000 gallons of water

Avg: Regulatory compliance with some MCLs are based on running annual average of monthly samples

Maximum Residual Disinfectant Level (MRDL): The highest level of disinfectant allowed in drinking water.

Maximum Residual Disinfectant Level (MRDLG): The level of disinfectant in drinking water below which there is no known or expected risk to health. MRDLG's allow for a margin of safety.

Level 1 Assessment – A level 1 assessment is a study of the water system to identify potential problems and determine (if possible) why total coliform bacteria have been found in our water system.

Level 2 Assessment – A level 2 assessment is a very detailed study of the water system to identify potential problems and determine (if possible) why an E. coli MCL violation has occurred and/or why total coliform bacteria have been found in our water system on multiple occasions.

TURBIDITY - Turbidity is a measure of the cloudiness of the water. We monitor it because it is a good indicator of water quality and the effectiveness of our filtration system and disinfectants.

UNREGULATED CONTAMINANTS: A maximum contaminant level (MCL) for this contaminant has not been established by either state or federal regulations, nor has mandatory health effects language. The purpose for monitoring this contaminant is to assist USEPA in determining the occurrence of unregulated contaminants in drinking water, and whether future regulation is warranted.

FLUORIDE - Fluoride is added to the water supply to help promote strong teeth. The Illinois Department of Public Health recommended an optimal fluoride range of 0.7 mg/L with a range of 0.6 mg/L 0.8 mg/L.

SODIUM - There is not a state or federal MCL for sodium. Monitoring is required to provide information to consumers and health officials who have concerns about sodium intake due to dietary precautions. If you are on a sodium-restricted diet, you should consult a physician about the level of sodium in the water.

Chicago Department of Water Management Detected Contaminants • 2021 Water Quality Data

Contaminant (unit of measurement)	MCLG	MCL	Highest Level Detected	Range of Detection	Violation	Date of Sample
Turbidity Data	(Limit 95%≤0.3NTU)		(Lowest Monthly %)			
TURBIDITY (NTU/Lowest Monthly %≤0.3 NTU); Soil runoff	NA	TT	100%	100%-100.0%		
TURBIDITY (NTU/Highest Single Measurement); Soil runoff	NA	TT (Limit 1 NTU)	0.20	N/A		
Inorganic Contaminants						
BARIUM (ppm) Discharge of drilling wastes; Discharge from metal Refineries; Erosion of Natural deposits.	2	2	0.0203	0.0200-0.0203		
NITRATE (AS NITROGEN) (ppm) Runoff from fertilizer use; Leaching from septic tanks, sewage: Erosion of natural deposits.	10	10	0.28	0.28-0.28		
TOTAL NITRATE & NITRATE (as NITROGEN) (ppm) Runoff from fertilizer use; Leaching from septic tanks, sewage: Erosion of natural deposits.	10	10	0.28	0.28-0.28		
TOC (TOTAL ORGANIC CARBON) The percentage of Total Organic Carbon (TOC) removal was measured each month and the system met all TOC removal requirements set by IEPA.						
Unregulated Contaminants						
SULFATE (ppm) Erosion of naturally occurring deposits.	N/A	N/A	27.4	26.9-27.4		
SODIUM (ppm) Erosion of naturally occurring deposits; Used as water softener.	N/A	N/A	9.99	9.79-9.99		
State Regulated Contaminants						
FLUORIDE (ppm). Water additive which promotes strong teeth.	4	4	0.77	0.65-0.77		
Radioactive Contaminants						
COMBINED RADIUM 226/228 (pCi/L) Decay of natural and man-made deposits.	0	5	0.95	0.83-0.95		2/4/2020
GROSS ALPHA excluding radon and uranium (pCi/L). Decay of natural and man-made deposits.	0	15	3.1	2.81-3.1		2/4/2020

Unit of Measurement:
mrem: millirems per year (a measure of radiation absorbed by the body)
ppm - Parts per million or milligrams per liter
ppb - Parts per billion, micrograms per liter
NTU - Nephelometric Turbidity Unit, used to measure cloudiness in drinking water
%<0.3 NTU - Percent samples less than 0.3 NTU
Treatment Technique or TT: A required process intended to reduce the level of a contaminant in drinking water
PCi/L - Picocuries per liter, used to measure radioactivity

HARVEY ANNUAL DRINKING WATER QUALITY REPORT
IL 0311110

Annual Water Quality Report for the period of January 1 to December 31, 2021. This report is intended to provide you with important information about your drinking water and the efforts made by the water system to provide safe drinking water. The source of drinking water used by HARVEY is Purchased Surface Water. For more information regarding this report contact:

Name: Ross A. Burgess • **Phone**: 708-210-5300

Este informe contiene información muy importante sobre el aqua que usted bebe. Tradúzcalo ó hablo con alguien que lo entienda bien.

Source of Drinking Water

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally-occurring minerals and, in some cases, radioactive material, and can pickup substances resulting from the presence of animals or from human activity. Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the EPAs Safe Drinking Water Hotline at (800) 426-4791.

Contaminants that may be present in source water include:

- Microbial contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.
- Inorganic contaminants, such as salts and metals, which can be naturally-occurring or result from urban storm water runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming.
- Pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm water runoff, and residential uses.
- Organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban storm water runoff, and septic systems.
- Radioactive contaminants, which can be naturally-occurring or be the result of oil and gas production and mining activities.

Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by Crytosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline (800) 426-4791.

In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. FDA regulations establish limits for contaminants in bottled water which must provide the same protection for public health. Some people may be more vulnerable to contaminants in drinking water than the general population.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. We cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at: http://www.epa.gov/safewater/lead.

Source Water Assessment

We want our valued customers to be informed about their water quality. If you would like to learn more, please feel welcome to attend any of our regularly scheduled meetings. The source water assessment for our supplies has been completed by the Illinois EPA. If you would like a copy of this information, please stop by City Hall or call our water operator at 708-210-5340 to view a summary version of the completed Source Water Assessments, including: Importance of Source Water; Susceptibility to Contamination Determination; and documentation/recommendation of Source Water Protection Effort, you may access the Illinois EPA website at:

http://www.epa.state.il.us/cgi-bin/wg/swap-fact-sheets.pl.

The Illinois EPA considers all surface water sources of community water supply to be susceptible to potential pollution problems. The very nature of surface water allows contaminate to migrate into the intake with no protection only dilution. This is the reason for mandatory treatment for all surface water supplies in Illinois. Chicago's offshore intakes are located at a distance that shoreline impacts are not usually considered a factor on water quality. At certain times of the year, however, the potential for contamination exists due to wet-weather flows and river reversals. In addition, the placement of the crib structures may serve to attract waterfowl, gulls and terns that frequent the Great Lakes area, thereby concentrating fecal deposits at the intake and thus compromising the source water quality. Conversely, the shore intakes are highly susceptible to storm water runoff, marinas and shoreline point sources due to the influx of groundwater to the lake.

Source Water Information

Source Water Name: CC 01-Page PS RSVRS Chlor Hsp Distr FF IL0316000 TP 02: Lake; CC02-DISCH - Dist from HSP's ICRR FF IL0316000 TP01: Lake

City of Chicago, Department of Water Management
Source Water Assessment Summary For the 2021 Consumer Confidence Report (CCR)

Source Water Location The City of Chicago utilizes Lake Michigan as its source water via two water treatment plants. The Jardine Water Purification Plant serves the northern areas of the City and suburbs, while the South Water Purification Plant serves the southern areas of the City and suburbs. Lake Michigan is the only Great Lake that is entirely contained within the United States. It borders Illinois, Indiana, Michigan, and Wisconsin, and is the second largest Great Lake by volume with 1,180 cubic miles of water and third largest by area.

Susceptibility to Contamination The Illinois EPA considers all surface water sources of community water supply to be susceptible to potential pollution problems. The very nature of surface water allows contaminants to migrate into the intake with no protection only dilution. This is the reason for mandatory treatment for all surface water supplies in Illinois. Chicago's offshore intakes are located at a distance that shoreline impacts are not usually considered a factor on water quality. At certain times of the year, however, the potential for contamination exists due to wet-weather flows and river reversals. In addition, the placement of the crib structures may serve to attract waterfowl, gulls and terns that frequent the Great Lakes area, thereby concentrating fecal deposits at the intake and thus compromising the source water quality. Conversely, the shore intakes are highly susceptible to storm water runoff, marinas and shoreline point sources due to the influx of groundwater to the lake. Further information on our community water supply's Source Water Assessment Program is available by calling DWM at 312-742-2406.

2021 Voluntary Monitoring The City of Chicago has continued monitoring for Cryptosporidium, Giardia and E. coli in its source water as part of its water quality program. No Cryptosporidium or Giardia was detected in source water samples collected in 2021. Treatment processes have been optimized to provide effective barriers for removal of Cryptosporidium oocysts and Giardia cysts in the source water, effectively removing these organisms in the treatment process. By maintaining low turbidity through the removal of particles from the water, the possibility of Cryptosporidium and Giardia organisms getting into the drinking water system is greatly reduced.

In 2021, CDWM has also continued monitoring for hexavalent chromium, also known as chromium-6. USEP A has not yet established a standard for chromium-6, a contaminant of concern which has both natural and industrial sources. Please address any questions or concerns to DWM's Water Quality Division at 312-744-8190. Data reports on the monitoring program for chromium-6 are posted on the City's website which can be accessed at the following address below:

http://www.cityofchicago.org/city/en/depts/water/supp_info/water_quality_resultsandreports/city_of_chicago_emergincontaminantstudy.html

Source Water Assessment Summary

The Illinois EPA implemented a Source Water Assessment Program (SWAP) to assist with watershed protection of public drinking water supplies. The SWAP inventories potential sources of contamination and determined the susceptibility of the source water to contamination. The Illinois EPA has completed the Source Water Assessment Program for our supply. For more information, please contact Andrea R.H. Cheng, Ph.D., P.E. Commissioner, 312-744-7001; Chicago Department of Water Management, 1000 East Ohio Street, Chicago, IL 60611, Attn: Andrea R.H. Cheng, Ph.D., P.E. Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail.

City of Harvey Violation Table – Lead and Copper Rule

The Lead and Copper Rule protects public health by minimizing lead and copper levels in drinking water, primarily by reducing water corrosivity. Lead and copper enter drinking water mainly from corrosion of lead and copper containing plumbing materials.

Violation Type	Violation Begin	Violation End	Violation Explanation
LEAD CONSUMER NOTICE (LCR)	12/30/2020	2/5/2021	We failed to provide the results of lead tap water monitoring to the consumers at the location water was tested. These were supposed to be provided no later than 30 days after learning the results. We have since taken the required samples, as described in the last column. The results showed we are meeting drinking water standards.

City of Harvey 2021 Regulated Contaminants

Disinfectants & Disinfectant By-Products	Collection Date	Highest Level Detected	Range of Levels Detected	MCLG	MCL	Units	Violation	Likely Source of Contamination
Chlorine	12/31/2021	0.7	0.5-1	MRDLG=4	MRDL=4	ppm	N	Water additive used to control microbes
Haloacetic Acids (HAA5)*	2021	19	8.7-19.4	No goal for total	60	ppb	N	By-product of drinking water disinfection
Total Trihalomethanes (TTHM)	2021	37	15.61-58.2	No goal for total	80	ppb	N	By-product of drinking water disinfection

City of Harvey 2021 Regulated Contaminants Detected

Lead and Copper	Date Sampled	MCLG	Action Level (AL)	90th Percentile	# Sites Over AL	Units	Violation	Likely Source of Contamination
Copper	9/22/2020	1.3	1.3	0.153	0	ppb	N	Erosion of natural deposits, Leaching from wood preservatives; Corrosion of household plumbing systems
Lead	9/22/2020	0	15	5.16	0	ppb	N	Corrosion of household plumbing systems Erosion of natural deposits.

Lisa Esposito <lisa@a3e.com>

Building FOIA Request

1 message

Lisa Esposito <lisa@a3e.com> Fri, Aug 11, 2023 at 11:18 AM
To: cityclerk@cityofharveyil.gov

To Whom It May Concern:

We are conducting a Phase I Environmental Assessment of the properties located at:15300-15337 Myrtle Ave Harvey, IL 60426

I am looking for information on the property that you may have including Building Permits, Occupancy Permits, and Permits for underground storage tanks or aboveground storage tanks.

Please let me know if you have any questions. Thank you for your assistance.

Lisa Esposito
Production Assistant
A3 Environmental Consultants
T: (630) 507-9002
M:(630) 675-6407

Lisa Esposito <lisa@a3e.com>

Public Records Request :: R001380-081123

1 message

Harvey City Clerk's Office <harveyil@govqa.us> Fri, Aug 11, 2023 at 9:31 AM
To: "lisa@a3e.com" <lisa@a3e.com>

Rosa M. Arambula, City Clerk

Dear Lisa Esposito:

Your request has been received and is being processed. Your request was received in this office on 8/11/2023 and given the reference number R001380-081123 for tracking purposes.

Records Requested: To Whom It May Concern: We are conducting a Phase I Environmental Assessment of the property located at: 15300-15337 Myrtle Ave Harvey, IL 60426 I am looking for information on the property that you may have including Fire inspections, Underground storage tanks, aboveground storage tanks, hazardous materials spills/responses. Please let me know if you have any questions. Thank you for your assistance.

Your request will be forwarded to the relevant department(s) to locate the information you seek and to determine the volume and any costs associated with satisfying your request. You will be contacted about the availability and/or provided with copies of the records in question.

You can monitor the progress of your request at the link below and you'll receive an email when your request has been completed.

Thank you,

Harvey City Clerk's Office

To monitor the progress or update this request please log into the City of Harvey Public Records Portal

Powered by GovQA

Lisa Esposito <lisa@a3e.com>

Public Records Request :: R001380-081123

2 messages

Harvey City Clerk's Office <harveyil@govqa.us> Fri, Aug 11, 2023 at 9:31 AM
To: "lisa@a3e.com" <lisa@a3e.com>

Rosa M. Arambula, City Clerk

Dear Lisa Esposito:

Your request has been received and is being processed. Your request was received in this office on 8/11/2023 and given the reference number R001380-081123 for tracking purposes.

Records Requested: To Whom It May Concern: We are conducting a Phase I Environmental Assessment of the property located at: 15300-15337 Myrtle Ave Harvey, IL 60426 I am looking for information on the property that you may have including Fire inspections, Underground storage tanks, aboveground storage tanks, hazardous materials spills/responses. Please let me know if you have any questions. Thank you for your assistance.

Your request will be forwarded to the relevant department(s) to locate the information you seek and to determine the volume and any costs associated with satisfying your request. You will be contacted about the availability and/or provided with copies of the records in question.

You can monitor the progress of your request at the link below and you'll receive an email when your request has been completed.

Thank you,

Harvey City Clerk's Office

To monitor the progress or update this request please log into the City of Harvey Public Records Portal

Powered by GovQA

Harvey City Clerk's Office <harveyil@govqa.us> Fri, Aug 11, 2023 at 10:50 AM
To: "lisa@a3e.com" <lisa@a3e.com>

--- Please respond above this line ---

Rosa M. Arambula, City Clerk

RE: Public Records Request of August 11, 2023, Reference # R001380-081123

Dear Lisa Esposito,

The City of Harvey ("City") has received your records request dated August 11, 2023, pursuant to the Illinois Freedom of Information Act, 5 ILCS 140/1 et seq. Your request seeks the following:

I. Denial of Request:
After review and reasonably diligent search for records responsive to your request, and consulting custodians best apprised of the location of prospective responsive records, Your Request is hereby denied as to the following records (**"Specified Records"**):

> **To Whom It May Concern:**
>
> **We are conducting a Phase I Environmental Assessment of the property located at: 15300-15337 Myrtle Ave Harvey, IL 60426**
>
> **I am looking for information on the property that you may have including Fire inspections, Underground storage tanks, aboveground storage tanks, hazardous materials spills/responses.**
>
> **Please let me know if you have any questions. Thank you for your assistance.**

II. Justification for Denial
Your Request is being denied with respect to the Specified Records because the Specified Records are exempt from disclosure pursuant to the Illinois Freedom of Information Act, 5 ILCS 140/1 et seq., for the following specific reasons (include detailed factual basis):

The IL State Fire Marshall handles all underground or aboveground storage tanks and permits. No fire inspections found in the property file.

Citation to the specific section or sections of the Act containing the applicable exemption or exemptions is identified below:

The Specified Records are not maintained by the Municipality, would require the Municipality to create a responsive document, or are not within the Municipality's possession or control. § 1

III. Responsible Official
The Municipality's FOIA Officer is the official responsible for this denial.

IV. Notice of the Right to Review and Appeal
You have the right to file a review of this denial with the Public Access Counselor at: 500 S. 2nd Street, Springfield, Illinois 62706, PH: 217-558-0486, Fax: 217-782-1396, or e-mail: publicaccess@atg.state.il .us . You also have the right to judicial review under Section 11 of the Act.

Sincerely,

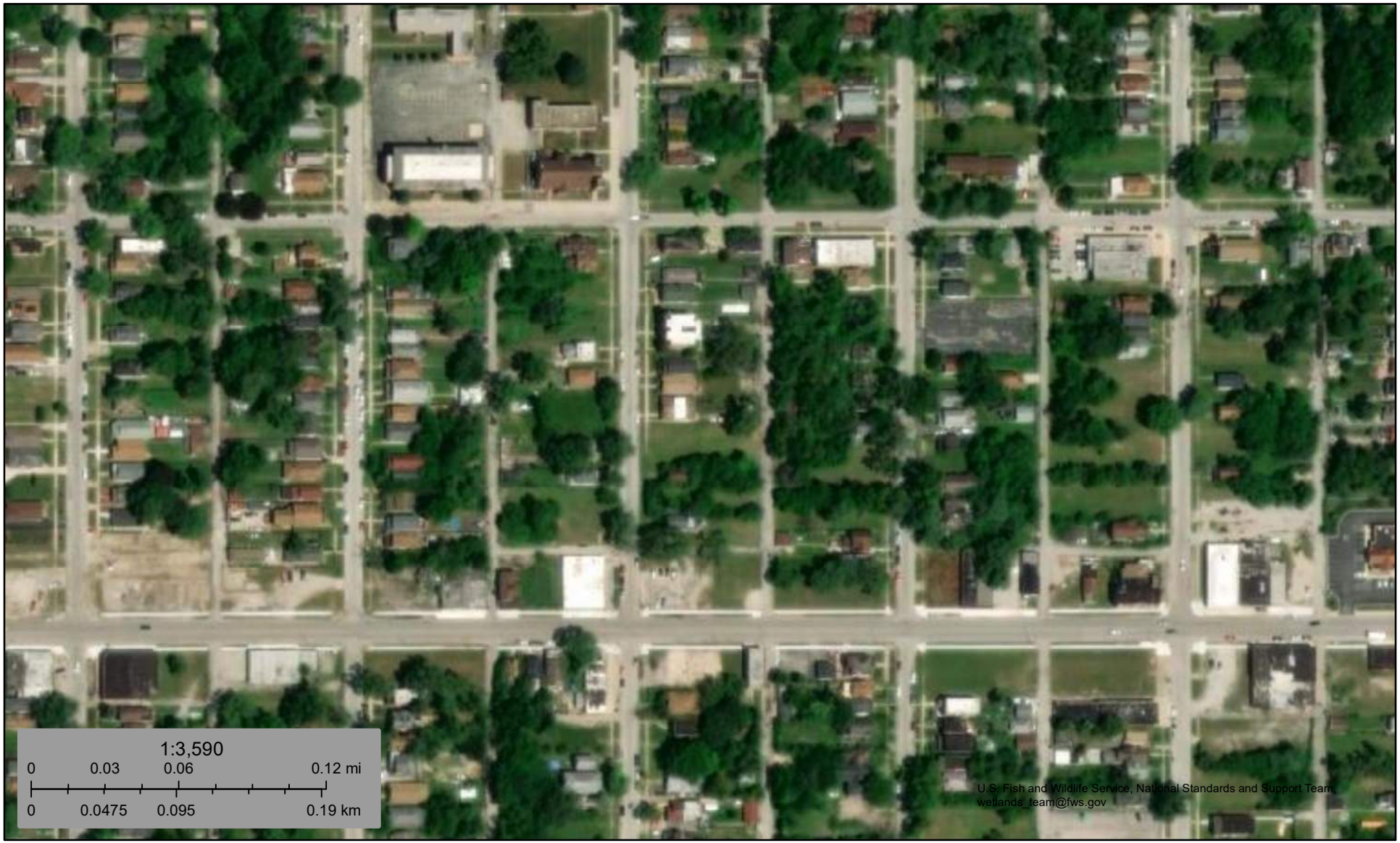
Liliana Gonzalez
City Clerk's Office

To monitor the progress or update this request please log into the City of Harvey Public Records Portal

Powered by GovQA

U.S. Fish and Wildlife Service
National Wetlands Inventory

Wetland Map



August 15, 2023

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

National Wetlands Inventory (NWI)
This page was produced by the NWI mapper

Electronic FOIA Request Form PDF

FOIA Request Date:	09/12/2023
Web Request #:	68678
Requestor:	Brian Englert
Business Name:	A3 Environmental
Address:	3030 Warrenville Road Suite 418
City State Zip:	Lisle, IL 60532
Phone:	630-507-9002
Email Address:	Brian@A3E.com
Preferred Contact Method:	Email

Will any part of the requested information, records or documentation be used, in any form, for sale, resale, solicitation or advertisement for sales or services? No

Information Requested:

UST installation and removal records and closure reports pertaining to 15347 Myrtle Ave Harvey IL 60426. Site was a former gas station and auto repair between 1949 and 1975

Fee Justification: In accordance with 5 ILCS 140/6(c), fees for public records may be reduced or waived if determined by the Agency to be in the public interest. If applicable, please provide a justification in the comments field below.

Questions or Comments:

No records found

September 14, 2023

Brian Englert
3030 Warrenville Road Suite 418
Lisle, IL 60532

Dear Brian Englert,

The Office of the State Fire Marshal ("OSFM") received your request for records, pursuant to the Freedom of Information Act, on 09/12/2023. The OSFM has reviewed its files and, unfortunately cannot fulfill your request for the following reason:

☐ The documentation and/or information you seek is not of the type prepared or maintained by the OSFM.

☒ We have carefully searched our office records in response to your request. Unfortunately, the OSFM does not have any records that are responsive to your specific request for the property located at 15347 Myrtle Ave Harvey IL.

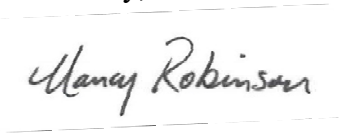
Pursuant to Section 9.5 of the Act, "any person whose request to inspect or copy a public record is denied by a public body, may file a request for review with the Public Access Counselor established in the Office of the Attorney General not later than 60 days after the date of the final denial." Such requests must be in writing, signed by the requester and include (1) a copy of the request for access to records and (2) any response from the OSFM. Further information on such requests contact:

Counselor Office of the Attorney General
500 S. 2nd Street
Springfield, Illinois 62706
Phone: 1-877-299-FOIA
(1-877-299-3642)
Fax: (217) 782-1396

For your added convenience, we now also offer electronic submission of FOIA requests. To use this feature please go to OSFM FOIA Request and simply fill out our electronic FOIA request form.

Should you have further questions regarding this matter, please contact me at your earliest convenience.

Sincerely,



Nancy Robinson
Associate General Counsel – FOIA Officer
Office of the State Fire Marshal
217-785-1011

A3 Environmental, LLC
T: (888) 405-1742
F: (630) 507-9003
Info@A3E.com

AAI/Phase I ESA User Questionnaire

Adapted from ASTM E1527-21/AAI

Subject Property Information

Subject Property Name (if applicable):

Subject Property Address:

Parcel ID: PINs: 29171130210000, 29171130220000, 29171130230000, 29171130240000,29171130250000, 29171130260000, 29171130270000, 29171130280000,29171130290000, 29171130300000, 29171130310000, 29171130320000,29171130330000, 29171130340000, 29171130350000, 29171140010000,29171140020000, 29171140030000, 29171140040000, 29171140050000,29171140060000, 29171140070000, 29171140080000, 29171140090000,29171140100000, 29171140110000, 29171140120000, 29171140130000,29171140390000, 29171140400000, 29171140160000

User Information

Print Name: Mark Leibrock

Title: Engineer of Site Remediation

Company: MWRDGC

Address: 100 East Erie Street, Chicago, IL 60611

Phone: 312-751-5600

Email: leibrockm@mwrd.org

Reason(s) for Performing Phase I ESA/AAI Due Diligence:

- [x] Prospective Purchaser of Subject Property
- [ ] Refinancing the Subject Property
- [x] Providing Funding/Financing
- [x] Other

Signature X Mark J. Leibrock **Date** 10-3-2023

Questionnaire found starting on the next page. I represent that to my knowledge; the below statements and facts are true and correct. No material facts have been suppressed or misstated. Please return this questionnaire via email to Info@A3E.com. Any questions, please contact us at 630-507-9002.

A3 Environmental, LLC
T: (888) 405-1742
F: (630) 507-9003
Info@A3E.com

Are you aware of any environmental liens against the Subject Property? If yes, please explain.

- ☐ YES
- ☒ NO

Are you aware of any Activity Use Liens (AULs), such as engineering controls, land use restrictions, or institutional controls that are in place at the Subject Property? If yes, please explain.

- ☐ YES
- ☒ NO

Do you have any specialized knowledge or experience related to the Subject Property or near by properties? (i.e., same line of business) If yes, please explain.

- ☐ YES
- ☒ NO

Does the purchase price being paid for the Subject Property reasonably reflect the fair market value of the Subject Property?

- ☒ YES
- ☐ NO

Are you aware of commonly known or reasonably ascertainable information about the Subject Property that would help the environmental professional to identify conditions indicative of releases or threatened releases? If yes, please explain.

- ☐ YES
- ☒ NO

Do you know the past uses of the property? If yes, please explain.

- ☒ YES Residential
- ☐ NO

Do you know of specific chemicals that are present or once were present at the Subject Property? If yes, please explain.

- ☐ YES
- ☒ NO

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Do you know of any spills or other chemical releases that have taken place or impacted the Subject Property? If yes, please explain.

☐ YES

☒ NO

Do you know of any environmental cleanups that have taken place at the Subject Property? If yes, please explain.

☐ YES

☒ NO

Based on your knowledge and experience in relationship to the Subject Property, are there any obvious indicators that point to the presence or likely presence of contamination at the Subject Property? If yes, please explain.

☐ YES

☒ NO

Do you have any previously prepared environmental documents for the Subject Property? If yes, please explain.

☐ YES

☒ NO

Please indicate if any of the following documents listed below exist and can be provided to A3E.

Documentation	YES or NO
I have previous Environmental Site Assessment Reports	No
I have a Site Plan and/or Survey	No
I have Title Records	No
I have Environmental Compliance/Audit Reports	No
I have registration/inspection reports for underground and/or above ground storage tanks	No
I have environmental permits (i.e NPDES, Solid Waste Disposal, Wastewater, etc.)	No
I have Material Data Safety Sheets	No
I have a Tier II/Community Right-to-Know Plan	No
I have SPCC Plans, Safety Plans, Facility Response Plans	No

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I have Environmental Violation Notices	No
I have hazardous waste generator notices or reports	No
I have a Geotechnical Study	No
I have Risk Assessments	No
I have Recorded Activity and Use Limitations (AULs)	No
I have other reports that might be helpful	No