



# HAZARDOUS AND REGULATED MATERIALS INSPECTION REPORT

Gordon's Annex  
810 Massachusetts Street  
Parcel ID: 45-08-03-355-005  
Gary, 46402

## Prepared for:

Northwest Indiana Regional Development Authority  
9800 Connecticut Drive  
Crown Point, Indiana 46307  
Client Reference: Gary Blight Elimination Program

## Prepared by:

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April 22, 2025

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## ATTACHMENTS

Attachment 1 – Heartland Asbestos Building Inspection Report

Attachment 2 – Laboratory Analytical Report

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## 1.0 INTRODUCTION

Egis has been contracted by the Northwest Indiana Regional Development Authority (the RDA) to provide industrial hygiene services for commercial properties in the City of Gary. Egis industrial hygienists are conducting hazardous and regulated materials (HRM) inspections of commercial buildings and associated exterior portions of properties for select properties in the City of Gary. The properties to be inspected by Egis are included in a portfolio of work provided by the RDA, in concurrence with City of Gary governance for the Gary Blight Elimination Program.

To facilitate demolition of blighted buildings, Egis has completed a supplementary HRM inspection (including asbestos) of a two-story vacant commercial property located at 810 Massachusetts Street, Gary, Indiana (Site) commonly referred to as the Gordon's Annex. The HRM inspection was conducted on February 20, 2025. During the inspection bulk material samples were collected, and quantities of suspect asbestos-containing materials (ACM) were estimated where applicable. This inspection also included identification and quantification of other hazardous and/or regulated materials (ORM) within the building structure and exterior portions of the Site.

Prior to Egis' involvement, t Heartland Environmental Associates Inc. (Heartland) was contracted to conduct an asbestos inspection of the Site and the west adjoining property (813 Broadway). Heartland prepared an Asbestos Building Inspections Report dated October 7, 2024, that summarized the findings and conclusions of their work. The scope of the work included identification and sampling of suspect ACM; however, the scope of work did not include identification and quantification of other regulated materials (ORM), e.g. universal wastes. Heartland collected 73 bulk samples from 19 homogeneous areas of suspect ACMs for laboratory analysis. Samples were sent to EMSL Analytical Inc. a National Voluntary Laboratory Accreditation Program (NVLAP) accredited laboratory. Suspect ACMs were submitted for Polarized Light Microscopy (PLM) analysis, with the laboratory estimating the percent asbestos by visual inspection. Materials defined as ACM are those that contain greater than 1% asbestos. Of the 19 materials, 15 were identified as ACM. A copy of Heartland's asbestos report is included in *Attachment 1 – Heartland Asbestos Building Inspection Report*.

Egis asbestos inspectors compared data included in Heartland's report to conditions encountered at the time of Egis' survey and i) identified additional suspect ACM that had not been sampled or assumed by Heartland, ii) revised ACM quantity estimates, and iii) confirmed/clarified ACM locations. Egis also identified and quantified ORM (which was not part of the Heartland work scope). Please note, Heartland addressed both the Site and the adjoining building (813 Broadway) in a single report that combined quantities of ACM identified in both structures. Egis inspectors have provided revised quantity estimates for materials identified as ACM in Heartland's report that are located in the Site building.

Egis conducted this HRM Survey to supplement the asbestos inspection previously completed by Heartland. Information contained in Heartland's report, to the extent it was relied on to identify previously sampled suspect materials and ACM, was assumed to be complete and accurate. Heartland's sampling methodology, sample handling, and laboratory analysis completed by its subcontractor was assumed to have been performed in accordance with applicable local, state, and federal regulations and consistent with generally accepted industry standards. All ACM and current quantity estimates are provided in Table 4.0.1.

## 1.1 CERTIFICATION

The asbestos inspection was conducted by State of Indiana (SOI) Accredited Asbestos Inspectors identified below.

<b>TABLE 1.1.1 – Asbestos Inspectors</b>	
<b>Inspector Name and SOI Accreditation Number</b>	<b>Contact Information</b>
Connor Beausejour - 19A015957	beausejour.connor@egis-group.com / (248) 863-2938
Andrew Ketchum - 19A015961	andrew.ketchum@egis-group.com / (248) 829-0900
Keith Ventimiglia - 19A015969	keith.ventimiglia@egis-group.com / (248) 459-5090

## 2.0 DESCRIPTION OF STRUCTURE

The structure is approximately 18,750 square feet in size. It is two-stories with a full basement. The exterior is finished with brick and a stone facade.

Property information and a description of the structure(s) and other improvements are provided below. Information was gathered from the site reconnaissance and review of municipal records.

TABLE 2.0.1 – PROPERTY INFORMATION	
<b>Parcel Number</b>	45-08-03-355-005.000-004
<b>Square Footage</b>	18,750 square feet
<b>Foundation Type</b>	Poured Basement
<b>Building Type</b>	Commercial Building
<b>Exterior Description</b>	Brick and stone facade
<b>Secondary structure(s)</b>	N/A
<b>Pavement/Hardscape</b>	Asphalt Driveway

### 2.1 ACCESSIBILITY LIMITATIONS

As part of conducting the HRM inspection, Egis asbestos inspectors assessed the condition of the structure holistically, beginning with the foundation and structural members, and specifically by exterior area (EA) and functional space (FS) for safe accessibility. EA and FS may be considered inaccessible as a result of fire damage, water damage, and/or an unstable foundation. Egis asbestos inspectors made reasonable efforts to sample (by reaching through doorways or windows), or assume, and quantify, any suspect ACM visible from outside the structure that is located in an EA or FS determined to be inaccessible.

Egis did not encounter access limitations. The structure was completely accessible.

## 3.0 GENERAL INSPECTION METHODOLOGY

This inspection provides information on the presence of Asbestos Containing Materials (ACMs) in accordance with the National Emission Standard for a Hazardous Air Pollutant (NESHAP) for Asbestos, 40 CFR 61 Subpart M. The Clean Air Act (CAA) requires the U.S. Environmental Protection Agency (EPA) to develop and enforce regulations to protect the public from exposure to airborne contaminants that are known to be hazardous to human health. The U.S. EPA established the NESHAP under the authority of Section 112 of the CAA, and asbestos was one of the first hazardous air pollutants regulated.

NESHAP requires thorough inspection of the facility for asbestos, including Category I and Category II non-friable ACM. ACM is material containing more than 1% asbestos as determined using the methods specified in Appendix E, subpart E, 40 CFR part 763, section 1, Polarized Light Microscopy (PLM). The NESHAP classifies ACM as friable or non-friable. Per 40 CFR 61, Subpart M, friable ACM is that which, when dry, may be crumbled, pulverized, or reduced to powder by hand pressure. Non-friable ACM is ACM that, when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure.

Non-friable ACM is further classified as Category I or Category II. Category I and Category II ACM are distinguished from each other by their potential to release fibers when damaged. Examples of Category I non-friable ACM include but are not limited to: asbestos containing packing, gaskets, resilient floor coverings, resilient floor covering mastic and asphalt roofing products containing more than 1% asbestos as determined using PLM/EPA Method 600R. Category II ACM includes all other non-friable ACM, such as asbestos-cement (A/C) shingles, A/C tiles, and Transite® boards or panels containing more than 1% asbestos. Generally, Category II ACM is more likely to become friable when damaged than Category I ACM. The applicability of NESHAP to Category I and II ACM depends on:

- (1) the condition of the material at the time of demolition or renovation
- (2) the nature of the operation to which the material will be subjected
- (3) the amount of ACM involved

ACM regulated under NESHAP are identified as Regulated ACMs (RACMs). RACM is defined in §61.141 of the NESHAP and includes:

- (1) Friable ACM
- (2) Category I non-friable ACM that has become friable
- (3) Category I non-friable ACM that will be or has been subjected to sanding, grinding, cutting, or abrading
- (4) Category II non-friable ACM that has already been or is likely to become crumbled, pulverized, or reduced to powder by forces expected to act on the material during demolition or renovation operations regulated by EPA 40 CFR 61 Subpart M, NESHAP for Asbestos

The determination of suspect ACMs was based on visual examination, material age and professional experience. Specifically, materials similar in color and texture were classified into homogenous areas. A homogeneous area is an area of surfacing material (SM), thermal system insulation material (TSI), or miscellaneous material (MM) that is uniform in color, texture, and/or date of installation. The appropriate number of samples were collected from suspect material in each established homogenous area. Egis implemented the “3-5-7” rule of sampling surfacing materials required by the Asbestos Hazard Emergency Response Act (AHERA). Samples were analyzed by PLM via EPA Method 600/R-93/116, by EMSL Laboratories, an NVLAP accredited laboratory.

## 4.0 LABORATORY ANALYTICAL RESULTS

Forty-five (45) bulk materials (homogenous areas [HA]) identified as suspect ACM were sampled and submitted for laboratory analysis and 12 HAs tested positive for the presence of asbestos fibers greater than 1% by weight. Table 4.0.1 below provides details for these ACM. Bulk materials were analyzed for asbestos pursuant to EPA Method 600/R-93/116 using PLM, unless otherwise indicated. Bulk material samples that tested between a trace amount and one percent (1%) asbestos were point counted (400-point counts; EPA 600/R-93/116) to confirm the result. A copy of the laboratory analytical report is provided as *Attachment 2, Laboratory Analytical Report*. Figures depicting the building layout and sample locations are included as *Attachment 3, Figures*. A photographic log that documents the inspection is provided as *Attachment 4, Photographic Log*.

**TABLE 4.0.1 – LABORATORY ANALYTICAL RESULTS<sup>1</sup>**

Sample ID	Material Description	Assumed	Material Type	Location(s) (FS/EA)	Estimated Quantity	ACM Category
4	Roofing Material - Misc Debris, black, asphaltic	N	MM	EA2	5 SF	Non-Friable - Category 1
7	Exterior Caulk - Gray, On aluminum window & door frames	N	MM	EA1; EA3; EA4	325 LF	Non-Friable - Category 2
9	Heat Shield - Millboard, white, West end of boiler	N	MM	FS1	6 SF	Regulated Asbestos Containing Material
10	Vibration Dampener - Woven, Coarse Textile, White	N	MM	FS24	12 SF	Regulated Asbestos Containing Material
11	Insulator - Transite debris, from electrical panels	N	MM	FS4; FS10; FS11; FS29	300 SF	Non-Friable - Category 2
13	Gasket Material - Pipe Flange gaskets, white, in storage	N	MM	FS4	8 units	Non-Friable - Category 1

<sup>1</sup> Materials shaded blue are materials identified and sampled by Heartland which came back positive as ACM. Estimated material quantities were updated by Egis field staff.

TABLE 4.0.1 – LABORATORY ANALYTICAL RESULTS<sup>1</sup>

Sample ID	Material Description	Assumed	Material Type	Location(s) (FS/EA)	Estimated Quantity	ACM Category
17	Window Glaze - Gray, On wood frame of bathroom windows	N	MM	FS21; FS22	2 windows	Non-Friable - Category 2
24	Interior Caulk - Gray, on metal panels on floor	N	MM	FS29	50 LF	Non-Friable - Category 2
25	Interior Caulk - Gray, flexible, on Metal door trim at west vestibule	N	MM	FS29	30 LF	Non-Friable - Category 2
28	Interior Caulk - Gray, between concrete slabs along north & east walls	N	MM	FS40	900 LF	Non-Friable - Category 2
36	Interior Caulk - Black/Gray, on metal door frame at east vestibule	N	MM	FS29	12 LF	Non-Friable - Category 2
43	Flooring - 12X12 Floor Tile with Mastic & Glue ( <b>Mastic</b> )	N	MM	FS32; FS36; FS37; FS38; FS39; FS41; FS42; FS43	4,500 SF	Non-Friable - Category 1
50	Roofing Material - Flashing- Used on ceramic caps	N	MM	EA5	650 LF	Non-Friable - Category 1
51	Transite - Debris found	N	MM	EA5	5 SF	Non-Friable - Category 2
NA	Exterior Caulk - on concrete panel siding	YES	MM	EA1; EA4	1,220 LF	Non-Friable - Category 2
NA	Ceiling Panel - Debris w/ACM pipe insulation and ACM floor tile mixed in	YES	MM	FS1-FS25; FS29; FS30; FS31; FS32-FS46	30,000 SF	Non-Friable - Category 2

TABLE 4.0.1 – LABORATORY ANALYTICAL RESULTS<sup>1</sup>

Sample ID	Material Description	Assumed	Material Type	Location(s) (FS/EA)	Estimated Quantity	ACM Category
NA	Fire Door - Metal	YES	MM	FS1; FS2; FS3; FS4; FS8; FS9; FS10; FS11; FS27; FS28	20 Units	Non-Friable - Category 2
NA	Boiler Insulation - Internal boiler components including but not limited to; fire brick, gaskets, insulation, etc.	YES	TSI	FS1	300 SF	Regulated Asbestos Containing Material
NA	Gasket Material - Pipe Flange	YES	MM	FS1; FS4; FS10	110 units	Non-Friable - Category 1
NA	Valve Packings - Various size valve packings	YES	MM	EA1; FS1; FS4; FS10	50 Units	Non-Friable - Category 1
NA	Gasket Material - On Exterior Hose Pipe Penetration	YES	MM	EA1	1 Unit	Non-Friable - Category 1
FT – 1 (A-E)	Floor Tile/Mastic – 9" x 9" Gray/Beige – East Portion of Building, Under Carpet, Basement, East Stairwell	N	MM	East Portion of Building, Under Carpet, Basement, East Stairwell	4,000 SF	Non-Friable - Category 1
FT – 2 (A-E)	Floor Tile/Mastic – 12" x 12" Cream w/ Marble Pattern – 1st Floor of East Portion and Throughout West Portion	N	MM	1st Floor of East Portion and Throughout West Portion	9,375 SF	Non-Friable - Category 1
RF – 1 (A-C)	Asphalt Roofing Material, Roof	N	MM	Roof	200 SF	Non-Friable - Category 1

TABLE 4.0.1 – LABORATORY ANALYTICAL RESULTS<sup>1</sup>

Sample ID	Material Description	Assumed	Material Type	Location(s) (FS/EA)	Estimated Quantity	ACM Category
PW – 1 (A)	Thermal Systems Insulation Pipe Wrapping – 4” Pipes in Basement and Throughout Building	N	TSI	Basement and Throughout Building	300 LF	Regulated Asbestos Containing Material
PW – 1 (A)	Thermal Systems Insulation Pipe Wrapping – 3” Pipes in Basement and Throughout Building	N	TSI	Basement and Throughout Building	450 LF	Regulated Asbestos Containing Material
PW – 1 (A)	Thermal Systems Insulation Pipe Wrapping – 2” Pipes in Basement and Throughout	N	TSI	Basement and Throughout	350 LF	Regulated Asbestos Containing Material
MJ – 1 (A)	Thermal Systems Insulation Pipe Fittings – 4” Fittings in Basement and Throughout Building	N	TSI	Basement and Throughout Building	35 Fittings	Regulated Asbestos Containing Material
MJ – 1 (A)	Thermal Systems Insulation Pipe Fittings – 3” Fittings in Basement and Throughout Building	N	TSI	Basement and Throughout Building	50 Fittings	Regulated Asbestos Containing Material

TABLE 4.0.1 – LABORATORY ANALYTICAL RESULTS<sup>1</sup>

Sample ID	Material Description	Assumed	Material Type	Location(s) (FS/EA)	Estimated Quantity	ACM Category
MJ – 1 (A)	Thermal Systems Insulation Pipe Fittings – 2” Fittings in Basement and Throughout Building	N	TSI	Basement and Throughout Building	45 Fittings	Regulated Asbestos Containing Material

## 5.0 OTHER HAZARDOUS AND/OR REGULATED MATERIALS

In addition to inspecting the structure(s) for ACMs pursuant to the NESHAP for Asbestos, 40 CFR 61 Subpart M, Egis conducted a visual, non-intrusive inspection of hazardous and/or regulated materials, which did not involve testing. Egis has attempted to accurately quantify the number of hazardous and/or regulated materials that may require decontamination or disposal prior to demolition. Further inspecting, testing, sampling, and/or remediation of any conditions inspected or noted in this report, including actual quantities, remain the sole responsibility of others. Potential hazardous and/or regulated materials addressed by the inspection include, but are not limited to, the following:

- (1) Refrigerants and related chemicals (40 CFR 82);
- (2) Solid wastes which exhibit any of the characteristics of ignitability, corrosivity, reactivity, or toxicity (40 CFR 261.20 – 261.24);
- (3) Hazardous wastes (40 CFR 261.31, 261.32) and discarded commercial chemical products (40 CFR 261.33 & Part 111, Public Act 451 of 1994, as amended);
- (4) Universal wastes, including batteries, pesticides, mercury-containing products, and certain household wastes (40 CFR 273);
- (5) PCB-containing products (40 CFR 761);
- (6) Scrap tires (IC 13-20-14-4);
- (7) Medical or Infectious Wastes (IC 16-41-16 and 410 IAC 1-3-22);
- (8) Electronic Waste (IC 13-20.5)

Lead-based paint (LBP) may be present on the site and is a hazardous substance. Its condition, handling and disposal are regulated by federal, state, and local agencies. LBP does not pose a health threat unless particles are disturbed, become airborne and are inhaled or ingested. Contractors and their employers that will be disturbing the building during demolition should follow all applicable requirements in the OSHA Lead in Construction Standard.

Further testing may be required of debris generated from demolition activities to determine whether the debris should be disposed of as hazardous waste under the Resource Conservation and Recovery Act (RCRA) in accordance with 40-CFR Part 261 Subpart C.

Table 5.0.1 below summarizes other regulated materials (ORM) that were observed at the Site by Egis field staff the day of the inspection.

TABLE 5.0.1 – OTHER REGULATED MATERIALS			
Material Description	Location (FS/EA)	Estimated Quantity	Additional Information
FIRE EXTINGUISHERS	FS1; FS4	2 UNITS	

TABLE 5.0.1 – OTHER REGULATED MATERIALS

Material Description	Location (FS/EA)	Estimated Quantity	Additional Information
FLUORESCENT LAMP	FS1; FS2; FS3; FS4; FS8-FS28; FS32; FS33; FS34; FS36; FS37; FS38; FS44	310 UNITS	4-foot fluorescent bulbs
BALLASTS	FS1; FS2; FS3; FS4; FS8-FS31; FS32; FS33; FS34; FS36-FS44; FS46	525 UNITS	
PAINTS	FS29; FS40	5 UNITS	1-gallon cans
CHEMICALS	FS3	1 UNITS	Unknown 40-gallon drum
EXIT SIGN	FS12; FS13; FS23; FS29; FS38; FS43	8 UNITS	
THERMOSTATS	FS17; FS20; FS23; FS27; FS28; FS29	6 UNITS	
SMOKE DETECTORS	FS40	3 UNITS	
GAS PRESSURE REGULATORS	FS1	2 UNITS	
USED OIL, FUELS, FUEL OIL OTHER	FS1	1 UNITS	Hydraulic oil 5-gallon bucket
CLEANERS	FS2; FS19	2 UNITS	1-gallon bottle cleaner
CHEMICALS	FS4	1 UNITS	20-gallon unknown drum, leaking yellow substance
CHEMICALS	FS4	8 UNITS	Small bottles for testing equipment
THERMOMETERS	FS1; FS4	3 UNITS	
FLUORESCENT LAMP	FS44; FS46	10 UNITS	8-foot fluorescent bulbs
BATTERIES	FS23; FS27; FS28; FS38; FS43	8 UNITS	Emergency lights
USED OIL, FUELS, FUEL OIL OTHER	FS8	1 UNITS	Hydraulic oil reservoir - elevator equipment
FLUORESCENT LAMP	FS29; FS31; FS40; FS41; FS42; FS43; FS46	570 UNITS	3-foot fluorescent bulbs
HALOGEN LIGHT BULBS	FS29; FS31	14 UNITS	
HYDRAULIC DOOR CLOSERS	FS2; FS3; FS4; FS8; FS10; FS11; FS13; FS24; FS25; FS26; FS28; FS32	14 UNITS	

## 6.0 CONCLUSIONS AND RECOMMENDATIONS

The Indiana Department of Environmental Management (IDEM) Office of Air Quality requires formal notification of demolition activities for all structures with, or without, regulated asbestos containing materials (RACM) by using state form *Notification of Demolition and Renovation Operations (State Form 44593, available on the IDEM Agency Forms page)*. Notifications must be made at least 10 business days prior to start of work.

Laboratory results for bulk material samples collected during the HRM inspection indicate several building materials are ACMs and are subject to proper abatement and/or disposal based upon planned demolition activities. Refer to 4.0.1 – Laboratory Analytical Results, for a list of all confirmed and assumed ACMs.

## 7.0 LIMITATIONS

Egis BLN USA, Inc. did not have access to the roof of the structure and did not collect samples of roofing material. If sample collection and friability assessment could not be completed for a suspect material, then the material should be considered a friable ACM, and managed in accordance with the applicable regulations governing such material. However, if later the asbestos removal contractor or demolition contractor gains access to the roof, the friability can be assessed, and samples collected (where applicable and determined necessary by said contractor). This secondary assessment will provide the necessary information to determine if the roofing material can remain in place, or if it is required (in part or whole) to be removed prior to demolition. Egis BLN USA, Inc. is not responsible for this secondary inspection unless specifically requested to do so.

The conclusions of this report are based solely upon observations made during this evaluation. This report is intended to present a professional opinion of potential asbestos containing materials that may or may not be present at the project property. Our opinions should not be construed as relating to health and safety issues directly. Should additional information become available, this information should be reviewed, and the conclusions herein modified as appropriate. In addition, this report should not be construed as verification of compliance by the present owners or operators of the Site with federal, state, or local laws and regulations. Egis BLN USA, Inc. is responsible to perform services in a professional manner, consistent with typical industry practice. The conclusions drawn based on this evaluation are deemed as appropriate by Egis BLN USA, Inc. in the exercise of professional judgment.

Our observations did not indicate conditions existing beyond those discussed, although it is possible, limitation of scope or the standard practice precluded recognition of asbestos containing materials present at the site, such as inaccessible and/or confined spaces of the structure. Egis BLN USA, Inc. staff do not enter confined spaces as part of the inspection process. Confined spaces include crawlspaces and attics or any other such space where there is limited ingress and egress.

Egis BLN USA, Inc. reserves the right to determine when and where a confined space may be present and use professional judgment when deciding upon entry. We cannot be held liable for materials that may be present in these spaces and unable to be reported as part of our inspection process. The presence of confined spaces will be reported as applicable, and all limitations expressed herein will apply. Any confined spaces encountered during the inspection are identified in Table 2.1.1 – Accessibility Limitations.

We cannot be held liable for consequential damages, if it is determined in the future that contamination of some type is present at the site. This report should not be considered as a recommendation to purchase, sell, or develop the Site, and the opinions expressed herein are not legal opinions. To evaluate the information contained in this report, the reader must understand the limitations associated with this assessment. Specifically, the services for this project have been performed in general conformance with the contract negotiated between the RDA and Egis

BLN USA, Inc. This report was prepared for the benefit and exclusive use of the RDA, its agents and assigns. Any third-party use of this report or reliance upon the information and opinions therein is the sole responsibility of the third party. Egis BLN USA, Inc. has no responsibility for any damages that may be suffered by a third party because of any decision made or action taken by a third party based on this report.

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**ATTACHMENT 1 – HEARTLAND ASBESTOS BUILDING INSPECTION  
REPORT**

**HEARTLAND**

ENVIRONMENTAL ASSOCIATES INC.

**ASBESTOS BUILDING INSPECTION REPORT**

**Former H. Gordon & Sons Department Store Building  
801 – 811 Broadway Street  
Gary, Indiana 46402  
Indiana Brownfields Program Site #4240404**

**October 7, 2024**

**Heartland Project Number 5113-24-15**

***“Your dependable partner for environmental compliance”***

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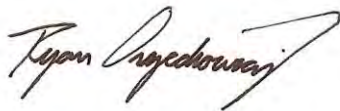
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City of Gary Redevelopment Commission  
504 Broadway Street, 2<sup>nd</sup> Floor  
Gary, Indiana 46402

**For the Site:**

Former H. Gordon & Sons Department Store Building  
801 – 811 Broadway Street  
Gary, Indiana 46402  
Heartland Project #5113-24-15  
Indiana Brownfields Program Site #4240404

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## EXECUTIVE SUMMARY

Heartland Environmental Associates, Inc., (Heartland), within the scope of the United States Environmental Protection Agency (USEPA) Community-Wide Brownfields Assessment Grant provided to the Indiana Finance Authority and awarded to the City of Gary (City), conducted an asbestos building inspection of the former H. Gordon & Sons Department Store Building addressed 801 – 811 Broadway Street in Gary, Indiana. The site building subject to this inspection consisted of one (1), three to four-story vacant former commercial building encompassing approximately 46,875-square feet.

The purpose of this inspection was to evaluate for the presence and/or absence of asbestos containing materials (ACMs) within the site building. This inspection was completed as part of pre-demolition project planning being initiated at the site and was requested by the City. Due to pending demolition activities for the site building, this asbestos inspection utilized “destructive” sampling methods. It is noted that this inspection was limited in that a comprehensive inspection of the entire site building was not feasible due to some areas being restricted by concrete block walls and select portions of the site building not being accessible during inspection activities due to collapsed floors and ceilings, rotted and/or otherwise damaged interior structural infrastructure and other structural integrity concerns. Furthermore, a significant amount of standing water was present within the basement of the eastern portion of the site building during the time of inspection. Therefore, a full inspection of the basement and a full visual assessment of flooring materials and/or materials that may be present as debris on the floors of the basement was not feasible.

Based on the results of this asbestos building inspection, friable, regulated asbestos containing materials (RACMs) were encountered within the site building in the form of thermal systems insulation (TSI) pipe wrap on horizontal and vertical pipe chases and pipe fittings (mudded joints) cladded on the elbows of pipe chases. RACMs in the form of TSI and associated pipe fittings were encountered throughout all floors of the site building. The potential exists that some of the TSI piping materials extend upwards throughout the building; however, due to several of the interior walls being composed of concrete block, a fully comprehensive inspection of potential hidden pipe chases could not be conducted.

RACMs were identified in quantities greater than the written notification requirements specified in Indiana Administrative Code 326 IAC 14-10 (260 linear feet/160 square feet/35 cubic feet). **Therefore, written notification to the Indiana Department of Environmental Management (IDEM) will be required pertaining to asbestos related demolition and/or renovation actions at this property, as RACMs were encountered at the site exceeding written notification requirements. Abatement of these materials will be required to be conducted by an accredited asbestos abatement contractor licensed in the State of Indiana prior to any future planned renovation and/or demolition activities.**

In general, the RACMs were encountered in fair to damaged condition, with several sections of TSI pipe fittings encountered either encapsulated and/or otherwise protected. However, significant amounts of TSI were observed to be significantly damaged and scattered throughout floors as debris. RACMs were observed which, based on condition of the materials, would pose an immediate exposure risk to human occupants and entrants of the site building in their current condition.

Additionally, non-friable ACMs in the form of asphalt roofing materials on the roof of the site building and resilient vinyl floor materials and associated mastics located in select areas throughout the interior of the site building were identified. Asphalt roofing materials and resilient vinyl flooring materials and associated mastics are considered non-friable ACMs and therefore are not regulated. These materials do not pose an exposure concern to occupants of the site building unless subject to sanding, grinding, abrading or any other mechanical process which would render these materials friable.

Non-friable, unregulated ACMs can be disposed of as construction related demolition debris and will not require special abatement. Future abatement of these materials may be warranted, should these materials be subject to mechanical processes (i.e., sanding, grinding and/or abrading) as part of any future planned demolition activities. Note that, should abatement of these materials be desired, abatement work should be conducted by licensed asbestos abatement workers accredited in the State of Indiana.

Finally, non-friable ACMs in the form of transite wallboard materials were encountered on the exterior of the air handler room on the roof of site building. The transite wallboard materials are considered non-friable ACMs and therefore are not RACMs. However, these materials will likely become friable during demolition activities. **Therefore, abatement of these transite wallboard materials will be required to be conducted by an accredited asbestos abatement contractor licensed in the State of Indiana prior to any future planned renovation and/or demolition activities.**

Reasonable efforts were made to identify suspect ACMs within the facility building inspected. This inspection was performed using “destructive” sampling methods. The manner of the inspection did not compromise the structural integrity of the building or endanger the safety of sampling personnel or other contractors/occupants. As stated previously, this inspection was limited in that a comprehensive inspection of the entire site building was not feasible due to some areas being restricted by concrete block walls and select portions of the site building not being accessible during inspection activities due to collapsed floors and ceilings, standing water, rotted and/or otherwise damaged interior structural infrastructure and other structural integrity concerns. As such, areas behind some concrete block walls, areas not accessible by ladder and areas where access was not practical due to safety considerations were not fully accessed as part of this inspection. Focus was made to identify ACMs and/or suspect ACMs in all accessible areas of the site building and in common locations throughout the building.

## 1.0 INTRODUCTION

Heartland was provided authorization from the Indiana Brownfields Program (IBP), and coordinated access with representatives and staff from the City, to conduct an asbestos building inspection of the former H. Gordon & Sons Department Store Building addressed 801 – 811 Broadway Street in Gary, Indiana. The purpose of the inspection was to identify ACMs as part of project planning activities. A site location map has been provided as Figure 1. A site map depicting the site and surrounding area is provided as Figure 2.

Environmental assessment activities are being funded under the Community Wide Assessment Grant (CWAG) awarded to the City of Gary by the Indiana Finance Authority. Site activities were completed in accordance with the pre-approved, grant specific Quality Assurance Project Plan (QAPP) (approved September 2023) and the Sampling and Analysis Plan (SAP) submitted to the USEPA in July 2024 for this project.

The site building subject to this inspection consisted of one (1), three to four-story vacant former commercial building encompassing approximately 46,875-square feet and addressed at 801 – 811 Broadway Street in Gary, Indiana. The subject property is located in a predominantly commercially developed area in downtown Gary. The subject property is bordered to the north by East 8<sup>th</sup> Avenue followed by the vacant former Palace Theatre property with undeveloped land and vacant commercial buildings located farther to the north. The subject property is bordered to the northeast by Solid Rock Church and to the northwest by a vacant commercial building (each beyond East 8<sup>th</sup> Avenue). The subject property is bordered to the west by Broadway Street followed by a vacant commercial building and undeveloped land, with a commercial vehicle repair business and Washington Street located farther to the west. The subject property is bordered to the east by Massachusetts Street followed by Northwest Indiana Veteran's Village, with residential properties located farther to the east. The subject property is bordered to the south by the adjoining Sears Building / former H. Gordon & Sons Department Store Annex, followed by undeveloped land (a former railroad right-of-way) and commercial businesses, including a grocery store (Save More Foods), farther to the south.

The subject property is located in Section 3, Township 36 North, Range 8 West in Calumet Township, Lake County, Indiana. The site is represented on Figure 1 on the United States Geological Survey (USGS) 7.5 Minute Topographic Map of the Gary, Indiana Quadrangle.

The subject property is located on two (2) parcels of land (Parcel ID #'s 45-08-03-355-002.000-004 and 45-08-03-355-005.000-004) situated on a combined area of approximately 2.19-acres. The site building encompasses the northern portions of property parcels. The subject property was accessible via paved driveway approaches from off of Broadway Street to the west, Massachusetts Streets to the east and East 8<sup>th</sup> Avenue to the north.

The site building (former H. Gordon & Sons Department Store) consisted of a three to four-story

building with a basement that was connected to the eastern portion of its building through a third-floor covered overpass. The building was generally wood, concrete and steel frame and was finished with a brick façade. The building consisted of wood floors with areas of carpeting and resilient vinyl flooring materials over wood in portions of the building. An enclosed structure housing the air handling unit consisted of a wallboard exterior.

The site building was observed to be in a significant state of disrepair, with building collapse observed throughout. It is noted that select portions of the site building were not able to be accessed during inspection activities due to collapsed floors and ceilings, and other structural integrity concerns. Furthermore, a significant amount of standing water was present within the basement of the eastern portion of the site building during the time of inspection. Therefore, a full inspection of the basement and a full visual assessment of flooring materials and/or materials that may be present as debris on the floors of the basement was not feasible.

Reasonable efforts were made to identify suspect ACMs within the site building. Heartland acted on the understanding that the building would be subject to future renovation and/or be demolished. As stated previously, the inspection was performed using “destructive” sampling methods. The manner of the inspection did not compromise the structural integrity of the building or endanger the safety of sampling personnel or other contractors/occupants.

This inspection was limited in that a comprehensive inspection of the entire site building was not feasible due to some areas being restricted by concrete block walls and select portions of the site building not being accessible during inspection activities due to collapsed floors and ceilings, standing water, rotted and/or otherwise damaged interior structural infrastructure and other structural integrity concerns. As such, areas behind some concrete block walls, areas not accessible by ladder and areas where access was not practical due to safety considerations were not fully accessed as part of this inspection. Focus was made to identify ACMs and/or suspect ACMs in all accessible areas of the site building and in common locations throughout the building.

## 2.0 METHODOLOGY

On September 23, 2024, Mr. Ryan M. Orzechowicz, Senior Project Geologist and Mr. Nivas R. Vijay, Senior Project Manager with Heartland, completed the inspection of the facility building. Mr. Orzechowicz and Mr. Vijay are both accredited asbestos building inspectors in the State of Indiana (License #'s 19A001542 and 197004016). Copies of Mr. Orzechowicz's and Mr. Vijay's Certificate of Asbestos Accreditations are provided for review in Appendix A. Photographs taken during inspection activities are included in Appendix B.

As part of the inspection, Heartland performed the following activities:

- Consulted with City staff about historical site operations;
- Inspected the construction materials of the building;
- Identified presumed ACMs and suspect ACMs for sampling;
- Sampled suspect ACMs; and
- Completed a report documenting Heartland's findings.

Based on Heartland's visual assessment of the facility building, several types of building materials were considered non-suspect ACMs and therefore were not considered in its evaluation. These materials included: concrete floors, brick and block, metal fixtures, glass, wood and plywood materials, fiberglass insulation and newly installed gypsum drywall board with proper labeling. No historical documentation pertaining to previously conducted asbestos inspections and/or abatements was available for review.

Focus was made to identify ACMs and/or suspect ACMs in all accessible areas of the site building and in common locations throughout the building.

## **3.0 INSPECTION FINDINGS**

### **3.1 Description of Sample Locations**

Heartland personnel obtained seventy-three (73) bulk samples from nineteen (19) homogeneous areas of suspect ACMs for laboratory analysis. Sampled homogeneous materials included both suspect friable and non-friable building materials and consisted of resilient vinyl flooring materials and associated mastics, acoustical ceiling tiles, drywall, plaster, insulation, rubberized roofing materials, asphalt roofing materials, roof flashing materials, exterior wallboard panels, backing paper, column wrap, glue pods, TSI pipe wrap and TSI pipe fittings.

The suspect materials were assessed based on condition of the material and friability (the ability to be crumbled or turned to dust by hand pressure). Heartland utilized disposable nitrile gloves while obtaining samples. The samples were then placed into pre-labeled sealable bags.

Following collection of the samples, Heartland transported the samples under Heartland chain-of-custody protocol to EMSL Analytical, Inc., a National Voluntary Laboratory Accreditation Program (NVLAP) accredited laboratory, in Indianapolis, Indiana. The suspect ACMs sampled were submitted for Polarized Light Microscopy (PLM) analysis, with the laboratory estimating the percent asbestos by visual inspection. Materials defined as ACM are those that contain greater than 1% asbestos. Materials that are not friable and contain less than 1% asbestos are not considered to be ACM.

### **3.2 Findings**

Based on the results of this inspection, friable RACMs in the form of TSI pipe wrap on horizontal and vertical pipe chases and pipe fittings (mudded joints) cladded on the elbows of pipe chases were identified throughout the site building, primarily within the basement and within vertical pipe chases on each floor. Layouts depicting TSI locations within the basement and the upper floors are provided as Figure 3 and Figure 4, respectively.

Additionally, non-friable ACMs in the form of asphalt roofing materials and resilient vinyl flooring materials and associated mastics were identified throughout the site building. Non-friable ACMs in the form of transite wallboard materials were identified on the exterior of the air handler room on the roof of site building.

None of the remaining sampled materials were identified as containing asbestos. Laboratory analytical results are provided in Appendix C. A summary of sampled materials, along with estimated quantities of identified RACMs, is provided in Table 1 below.

<p align="center"><b>Table 1</b>  <b>Summary of Sampled Building Materials</b>  <b>Former H. Gordon &amp; Sons Department Store Building</b>  <b>801 – 811 Broadway Street</b>  <b>Gary, Indiana</b>  <b>September 23, 2024</b></p>					
<b>Material/Location</b>	<b>Friable</b>	<b>Category</b>	<b>Asbestos Content</b>	<b>Area (ft<sup>2</sup>) *</b>	<b>Sample #</b>
Drywall – Throughout Building	Yes	RACM	ND	~8,000	DW – 1 (A-G)
Insulation – Gray – Within Air Handler Ducts	Yes	II	ND	~1,000	IN – 1 (A-C)
Ceiling Tile – 4’x2’ White w/ Dot Pattern – Throughout Building	Yes	RACM	ND	>5,000	CT – 1 (A-G)
Ceiling Tile – 2’x2’ White/Textured – 2 <sup>nd</sup> Floor, East Portion of Building	Yes	RACM	ND	~800	CT – 2 (A-C)
Ceiling Tile – 2’x2’ White – West Portion of Building	Yes	RACM	ND	~2,000	CT – 3 (A-E)
Backing Paper – Behind Drywall on Select Walls	No	II	ND	~1,000	BP – 1 (A-C)
Column Wrap – On Select Columns in Basement	No	II	ND	~100	CW – 1 (A)
Floor Tile/Mastic – 9” x 9” Gray/Beige – East Portion of Building, Under Carpet, Basement, East Stairwell	No	I (Mastic Only)	<b>2% Chrysotile (Tile and Mastic)</b>	~4,000	FT – 1 (A-E)
Floor Tile/Mastic – 12” x 12” Cream w/ Marble Pattern – 1 <sup>st</sup> Floor of East Portion and Throughout West Portion	No	I (Mastic Only)	<b>2% Chrysotile (Tile and Mastic)</b>	~3,500	FT – 2 (A-E)
Plaster – Ceilings Throughout Building	Yes	RACM	ND	~20,000	PL – 1 (A-G)
Plaster – Walls Throughout Building	Yes	RACM	ND	~20,000	PL – 2 (A-G)
Glue Pods – On CT-3	No	I	ND	<1,000	GP – 1 (A-C)
Rubberized Roofing Material, Roof of Building	No	I	ND	-	RF – 1 (A-C)
Asphalt Roofing Material, Roof	No	I	<b>20% Chrysotile</b>	-	RF – 1 (A-C)

<p align="center"><b>Table 1</b>  <b>Summary of Sampled Building Materials</b>  <b>Former H. Gordon &amp; Sons Department Store Building</b>  <b>801 – 811 Broadway Street</b>  <b>Gary, Indiana</b>  <b>September 23, 2024</b></p>					
Roofing Flashing, Roof of Building	No	I	ND	-	FL – 1 (A-C)
Exterior Siding/Wallboard – Exterior (1/8") Layer of Wallboard on Rooftop Air Handling Unit Structure	No	II	<b>20% Chrysotile &amp; 2% Chrysotile on Mastic</b>	~1,000	SD – 1 (A-C)
Exterior Siding/Wallboard – Interior (1/4") Layer of Wallboard on Rooftop Air Handling Unit Structure	No	II	<b>20% Chrysotile</b>	~1,000	WB – 1 (A-C)
Thermal Systems Insulation Pipe Wrapping – 8" Pipes in Basement and Throughout Building	Yes	RACM	<b>60% Chrysotile</b>	~10 - 20 Linear Feet	PW – 1 (A)**
Thermal Systems Insulation Pipe Wrapping – 6" Pipes in Basement and Throughout Building	Yes	RACM	<b>60% Chrysotile</b>	~85 - 120 Linear Feet	PW – 1 (A)**
Thermal Systems Insulation Pipe Wrapping – 4" Pipes in Basement and Throughout Building	Yes	RACM	<b>60% Chrysotile</b>	~65 - 100 Linear Feet	PW – 1 (A)**
Thermal Systems Insulation Pipe Wrapping – 3" Pipes in Basement and Throughout Building	Yes	RACM	<b>60% Chrysotile</b>	~230 - 280 Linear Feet	PW – 1 (A)**
Thermal Systems Insulation Pipe Wrapping – 2" Pipes in Basement and Throughout Building	Yes	RACM	<b>60% Chrysotile</b>	~230 - 280 Linear Feet	PW – 1 (A)**
Thermal Systems Insulation Pipe Fittings – 8" Fittings in Basement and Throughout Building	Yes	RACM	<b>50% Chrysotile</b>	~2 Fittings	MJ – 1 (A)**
Thermal Systems Insulation Pipe Fittings – 6" Fittings in Basement and Throughout Building	Yes	RACM	<b>50% Chrysotile</b>	~8 Fittings	MJ – 1 (A)**
Thermal Systems Insulation Pipe Fittings – 4" Fittings in Basement and Throughout Building	Yes	RACM	<b>50% Chrysotile</b>	~25 Fittings	MJ – 1 (A)**
Thermal Systems Insulation Pipe Fittings – 3" Fittings in Basement and Throughout Building	Yes	RACM	<b>50% Chrysotile</b>	~45 Fittings	MJ – 1 (A)**
Thermal Systems Insulation Pipe Fittings – 2" Fittings in Basement and Throughout Building	Yes	RACM	<b>50% Chrysotile</b>	~35 Fittings	MJ – 1 (A)**

**Table 1**  
**Summary of Sampled Building Materials**  
**Former H. Gordon & Sons Department Store Building**  
**801 – 811 Broadway Street**  
**Gary, Indiana**  
**September 23, 2024**

Friable: Yes – hand friable, No – non-friable

ND: No asbestos detected

PACM: Presumed Asbestos Containing Materials

Results in **BOLD** indicate results positive for asbestos

\*Square footage estimates determined from site reconnaissance and site maps obtained during site reconnaissance

\*\*Sample representative of all diameters of pipe wrap and/or mudded joints

In general, the RACMs were encountered in fair to damaged condition, with several sections of TSI pipe fittings encountered either encapsulated and/or otherwise protected. However, significant amounts of TSI were observed to be significantly damaged and scattered throughout floors as debris. RACMs were observed which, based on condition of the materials, would pose an immediate exposure risk to human occupants and entrants of the site building in their current condition.

Estimated quantities of ACMs were based on reasonable assumptions of what was visible and/or subject to exposing as part of the destructive inspection methods utilized during the time of this building inspection.

## 4.0 CONCLUSIONS AND RECOMMENDATIONS

Heartland conducted an asbestos building inspection of the former H. Gordon & Sons Department Store Building addressed 801 – 811 Broadway Street in Gary, Indiana. The site building subject to this inspection consisted of one (1), three to four-story vacant former commercial building encompassing approximately 46,875-square feet. The purpose of this inspection was to evaluate for the presence and/or absence of ACMs within the inspected site building and the assist in the City in pre-demolition project planning.

Based on the results of this asbestos building inspection, friable RACMs were encountered within the site building in the form of TSI pipe wrap on horizontal and vertical pipe chases and pipe fittings (mudded joints) cladded on the elbows of pipe chases. RACMs in the form of TSI and associated pipe fittings were encountered throughout all floors of the site building. The potential exists that some of the TSI piping materials extend upwards throughout the building; however, due to several of the interior walls being composed of concrete block, a fully comprehensive inspection of potential hidden pipe chases could not be conducted.

RACMs were identified in quantities greater than the written notification requirements specified in Indiana Administrative Code 326 IAC 14-10 (260 linear feet/160 square feet/35 cubic feet). **Therefore, written notification to the IDEM will be required pertaining to asbestos related demolition and/or renovation actions at this property, as RACMs were encountered at the site exceeding written notification requirements. Abatement of these materials will be required to be conducted by an accredited asbestos abatement contractor licensed in the State of Indiana prior to any future planned renovation and/or demolition activities.**

In general, the RACMs were encountered in fair to damaged condition, with several sections of TSI pipe fittings encountered either encapsulated and/or otherwise protected. However, significant amounts of TSI were observed to be significantly damaged and scattered throughout floors as debris. RACMs were observed which, based on condition of the materials, would pose an immediate exposure risk to human occupants and entrants of the site building in their current condition.

Additionally, non-friable ACMs in the form of asphalt roofing materials on the roof of the site building and resilient vinyl floor materials and associated mastics located in select areas throughout the interior of the site building were identified. Asphalt roofing materials and resilient vinyl flooring materials and associated mastics are considered non-friable ACMs and therefore are not regulated. These materials do not pose an exposure concern to occupants of the site building unless subject to sanding, grinding, abrading or any other mechanical process which would render these materials friable.

Non-friable, unregulated ACMs can be disposed of as construction related demolition debris and will not require special abatement. Future abatement of these materials may be warranted, should

these materials be subject to mechanical processes (i.e., sanding, grinding and/or abrading) as part of any future planned demolition activities. Note that, should abatement of these materials be desired, abatement work should be conducted by licensed asbestos abatement workers accredited in the State of Indiana.

Finally, non-friable ACMs in the form of transite wallboard materials were encountered on the exterior of the air handler room on the roof of site building. The transite wallboard materials are considered non-friable ACMs and therefore are not RACMs. However, these materials will likely become friable during demolition activities. **Therefore, abatement of these transite wallboard materials will be required to be conducted by an accredited asbestos abatement contractor licensed in the State of Indiana prior to any future planned renovation and/or demolition activities.**

This inspection was limited in that a comprehensive inspection of the entire site building was not feasible due to some areas being restricted by concrete block walls and select portions of the site building not being accessible during inspection activities due to collapsed floors and ceilings, standing water, rotted and/or otherwise damaged interior structural infrastructure and other structural integrity concerns. As such, areas behind some concrete block walls, areas not accessible by ladder and areas where access was not practical due to safety considerations were not fully accessed as part of this inspection. Focus was made to identify ACMs and/or suspect ACMs in all accessible areas of the site building and in common locations throughout the building.

As stated above, if the intent is to remove ACMs prior to or during any future planned renovation and/or demolition activities, it should be done so using asbestos abatement contractors licensed to work in the State of Indiana. A licensed abatement contractor is also recommended to be utilized if future encapsulation of RACMs is to be completed. Furthermore, due to select areas of the site building being inaccessible during the time of inspection, Heartland recommends that a licensed asbestos inspector be present during demolition activities to identify any potential ACMs, including friable RACMs, that were not able to be accessed and/or otherwise able to be visually assessed during the time of this inspection.

## 5.0 DISCLAIMER AND SIGNATURE PAGE

This environmental report was prepared in accordance with generally accepted principles and practices in the environmental consulting field. Conclusions and recommendations expressed herein were developed from site evaluation and limited research, and we are not responsible for unrecorded data pertaining to this site. Heartland makes no warranties, expressed or implied, as to the fitness or merchantability of said property for any particular purpose, and we are not responsible for independent conclusions or opinions made by others based on this report.

Reasonable efforts were made to identify suspect ACMs within the facility building inspected. This inspection was performed using “destructive” sampling methods. The manner of the inspection did not compromise the structural integrity of the building or endanger the safety of sampling personnel or other contractors/occupants. It is noted that this inspection was limited in that a comprehensive inspection of the entire site building was not feasible due to some areas being restricted by concrete block walls and select portions of the site building not being accessible during inspection activities due to collapsed floors and ceilings, standing water, rotted and/or otherwise damaged interior structural infrastructure and other structural integrity concerns. As such, areas behind some concrete block walls, areas not accessible by ladder and areas where access was not practical due to safety considerations were not fully accessed as part of this inspection. Focus was made to identify ACMs and/or suspect ACMs in all accessible areas of the site building and in common locations throughout the building.

If you should have questions regarding this report, please contact Heartland at 574-289-1191.

Sincerely,

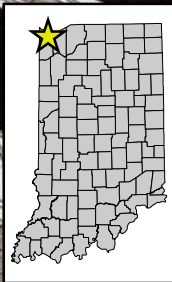


Ryan Orzechowicz, LPG  
Senior Project Geologist  
Indiana Asbestos License #19A001542

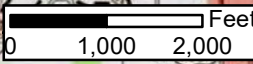
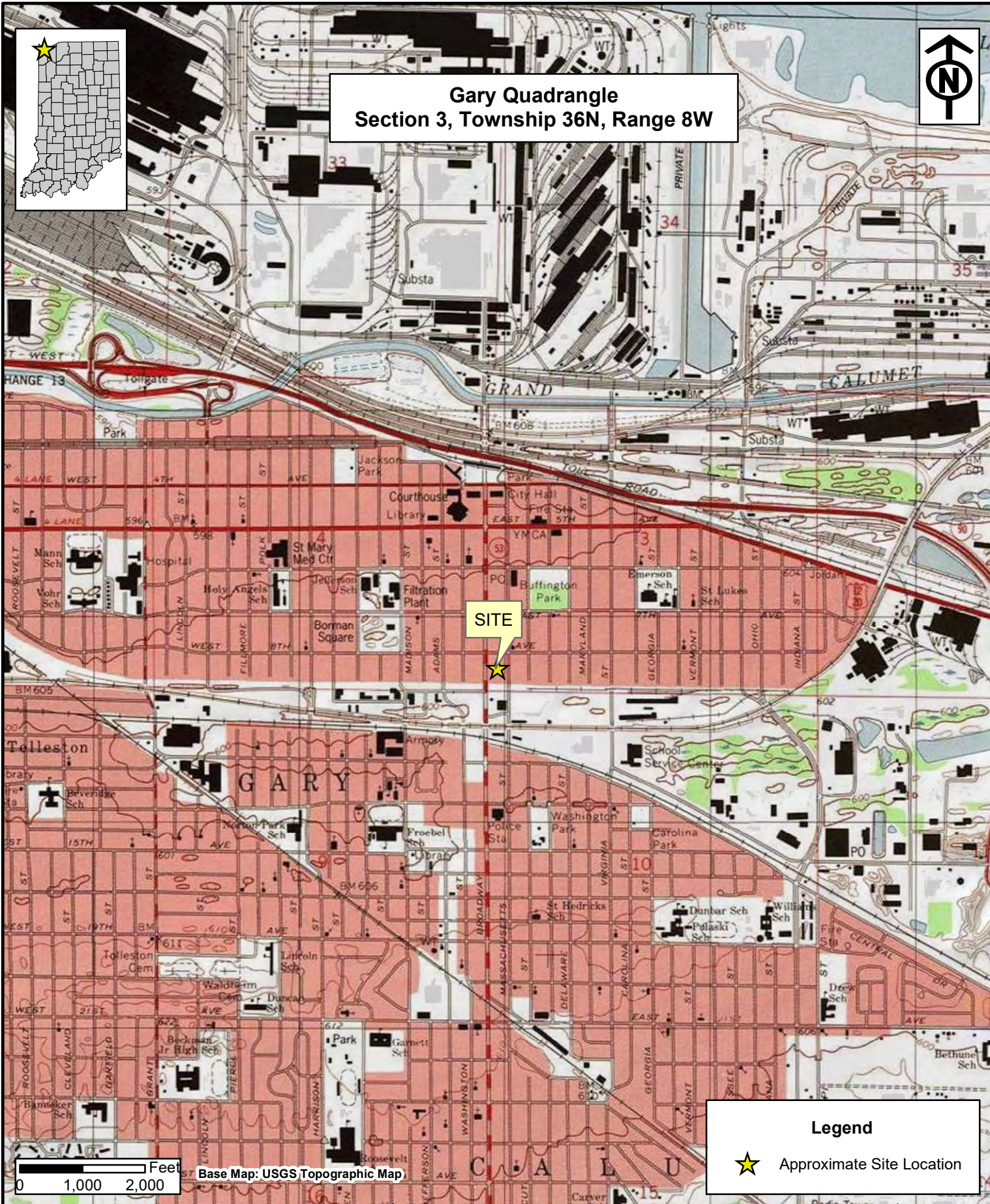


Nivas R. Vijay, CHMM  
Senior Project Manager / Principal  
Indiana Asbestos License #197004016

## **FIGURES**




**Gary Quadrangle  
Section 3, Township 36N, Range 8W**



Base Map: USGS Topographic Map

**Legend**

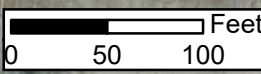
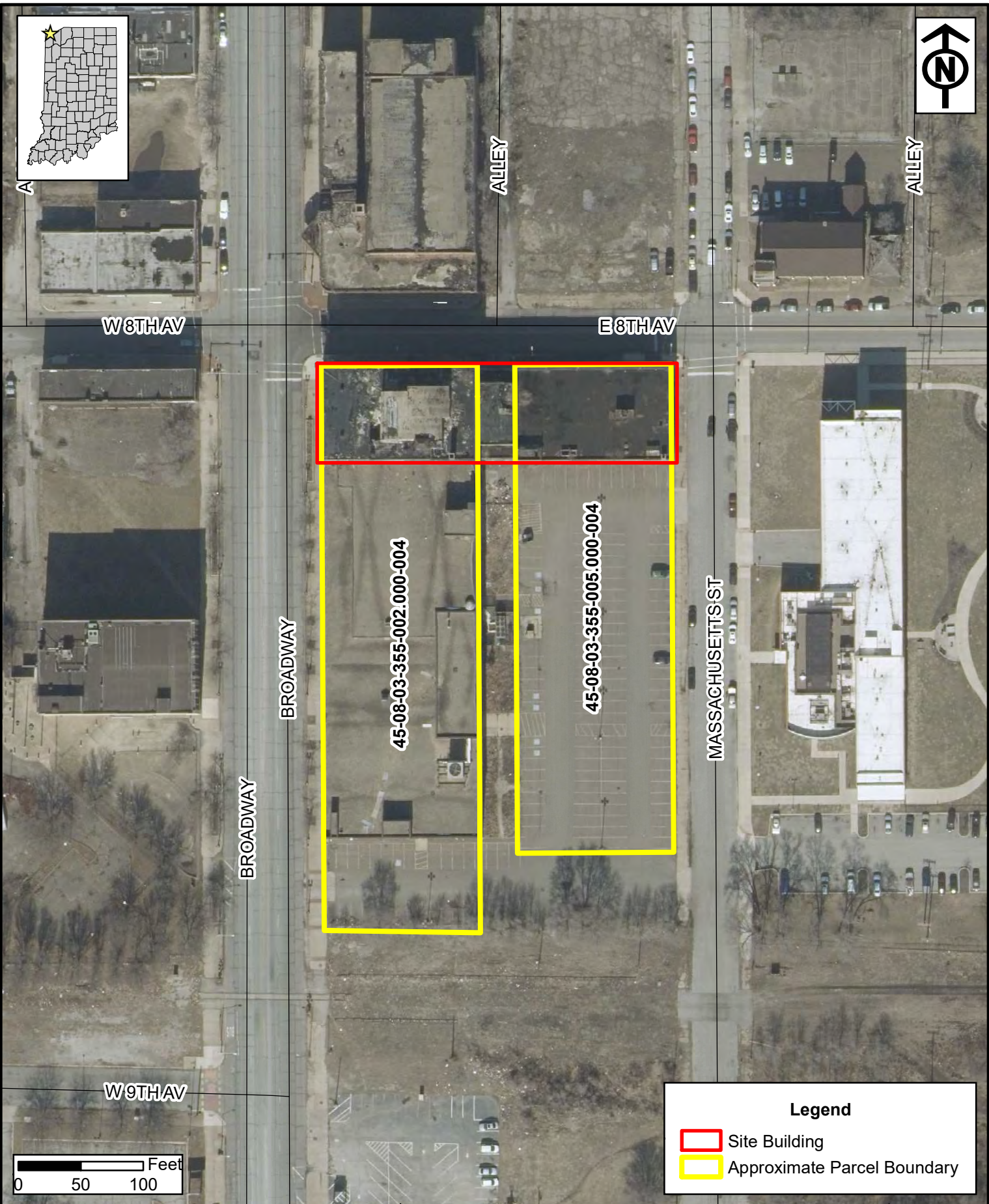
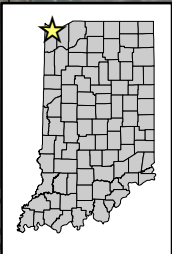
 Approximate Site Location



**Heartland Environmental Associates, Inc.**  
3410 Mishawaka Avenue, South Bend, Indiana 46615  
1324 East 16th Street, Indianapolis, Indiana 46202

**FIGURE 1  
SITE LOCATION MAP**  
  
FORMER H. GORDON & SONS DEPARTMENT STORE BUILDING  
801 – 811 BROADWAY STREET  
GARY, INDIANA 46402

Date:  
10/2/2024  
Scale:  
1"=2,000'  
Drawn By:  
NV



**Legend**

- Site Building
- Approximate Parcel Boundary



**Heartland Environmental Associates, Inc.**  
 3410 Mishawaka Avenue, South Bend, Indiana 46615  
 1324 East 16th Street, Indianapolis, Indiana 46202

FIGURE 2  
 SITE LOCATION MAP (AERIAL)

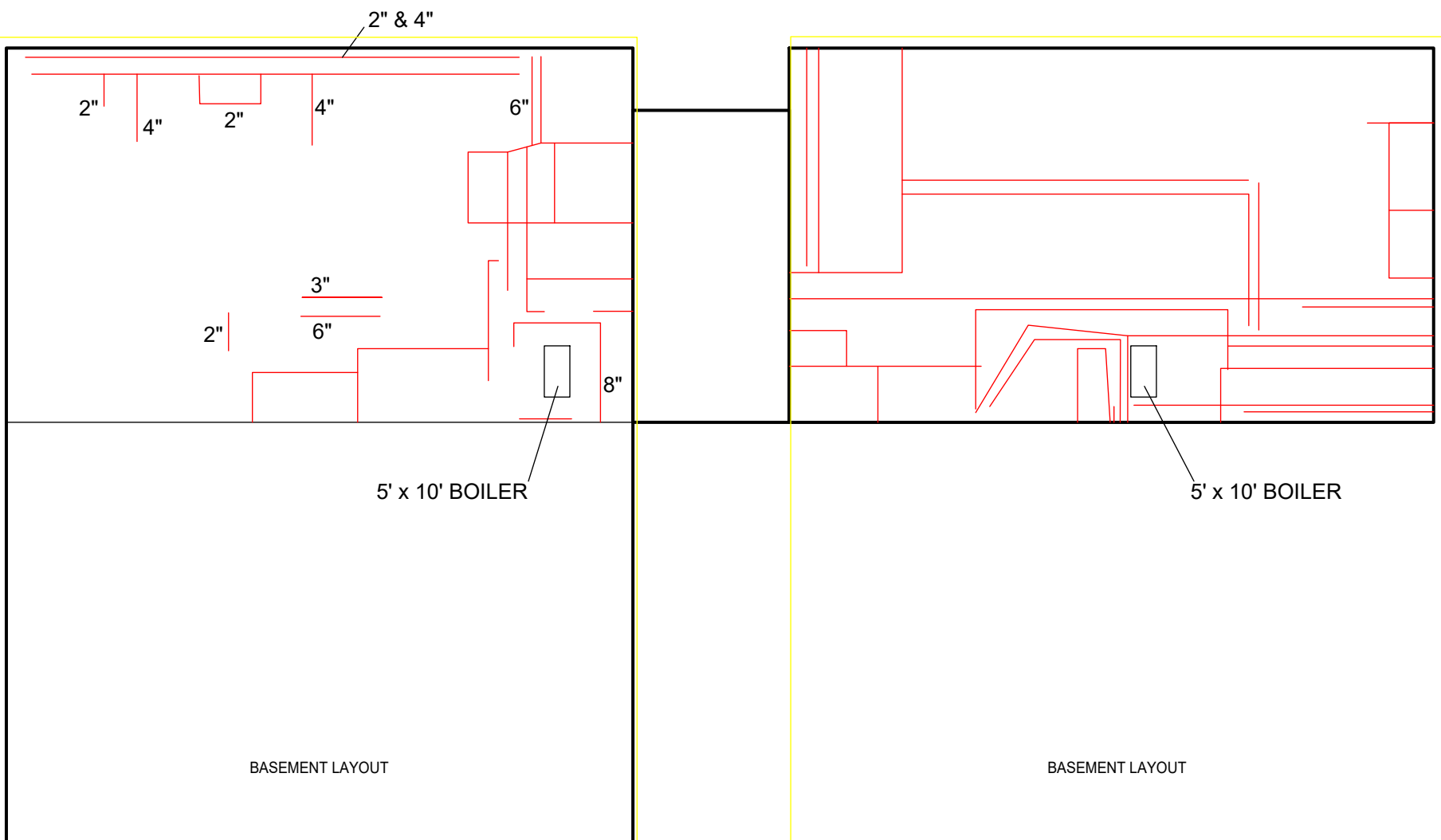
FORMER H. GORDON & SONS DEPARTMENT STORE BUILDING  
 801 – 811 BROADWAY STREET  
 GARY, INDIANA 46402

Date:  
 10/2/2024  
 Scale:  
 1"=100'  
 Drawn By:  
 NV



8TH AVENUE

BROADWAY



5' x 10' BOILER

5' x 10' BOILER

BASEMENT LAYOUT

BASEMENT LAYOUT

LEGEND

— TSI PIPING



**Heartland Environmental Associates, Inc.**  
 3410 Mishawaka Avenue, South Bend, Indiana 46615  
 1324 East 16th Street, Indianapolis, Indiana 46202

FIGURE 3  
 BASEMENT LAYOUT W/ TSI LOCATIONS

FORMER H. GORDON & SONS DEPARTMENT STORE BUILDING  
 801 – 811 BROADWAY STREET  
 GARY, INDIANA 46402

Date:  
10/2/2024

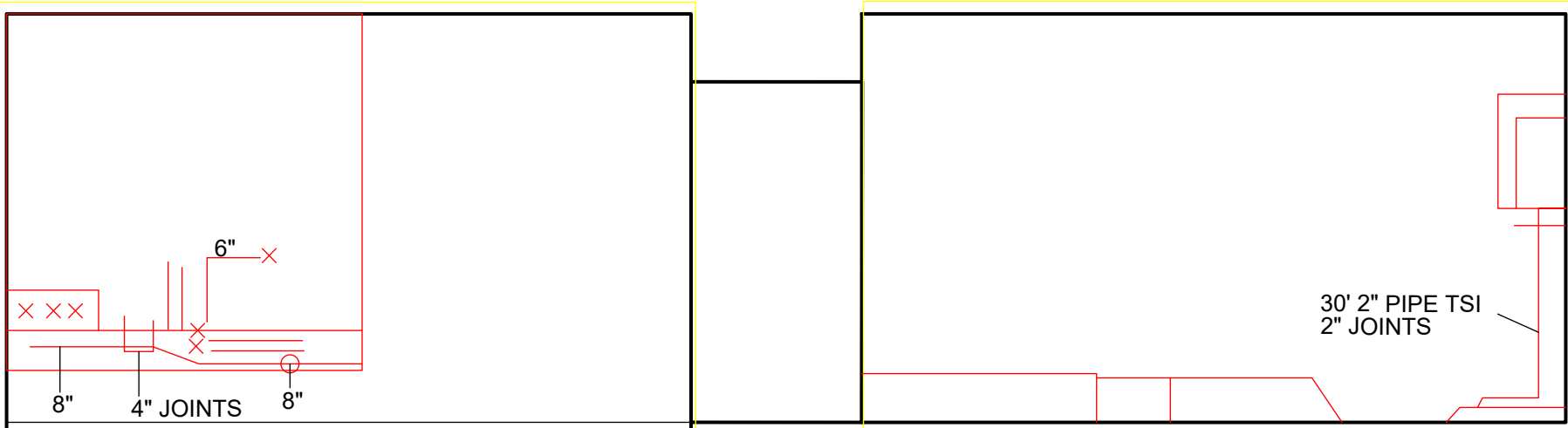
Scale:  
1"=30'

Drawn By:  
NV



8TH AVENUE

BROADWAY





8' x 4" JOINTS  
 5' X 8" PIPE TSI  
 15' X 6" PIPE TSI

30' 2" PIPE TSI  
 2" JOINTS

ROOFTOP AIR HANDLER UNIT

FIRST FLOOR

LEGEND

-  TSI PIPING
-  VERTICAL TSI PIPING



**Heartland Environmental Associates, Inc.**  
 3410 Mishawaka Avenue, South Bend, Indiana 46615  
 1324 East 16th Street, Indianapolis, Indiana 46202

FIGURE 4  
 UPPER FLOOR LAYOUTS W/ TSI LOCATIONS

FORMER H. GORDON & SONS DEPARTMENT STORE BUILDING  
 801 – 811 BROADWAY STREET  
 GARY, INDIANA 46402

Date:  
 10/2/2024

Scale:  
 1"=30'

Drawn By:  
 NV

**APPENDIX A**  
**Certificates of Asbestos Accreditation**



**Indiana Dept. of Environmental Management**

**Ryan M. Orzechowicz**

Asbestos Inspector License #: 19A001542

Effective: <b>04/08/2024</b>	Expiration: <b>04/08/2025</b>
Birth Date: <b>07/29/1983</b>	Gender: <b>M</b>
Height: <b>5-09</b>	Eye Color: <b>GRN</b>
Weight: <b>160</b>	Hair Color: <b>BRO</b>



**Indiana Dept. of Environmental Management**

**Nivas R. Vijayaraghavan**

**Asbestos Inspector License #: 197004016**

**Effective: 04/14/2024**

**Expiration: 04/14/2025**

**Birth Date: 05/29/1979**

**Gender: M**

**Height: 5-08**

**Eye Color: BRO**

**Weight: 160**

**Hair Color: BLK**

## **APPENDIX B**

### **Site Photographic Log**



CLIENT NAME: Indiana Finance Authority & City of Gary Redevelopment Commission

DATE: September 23, 2024  
LOCATION: 801-811 Broadway Street in Gary, Indiana  
SUBJECT: View of southeast side of site building  
PHOTOGRAPHER: Ryan M. Orzechowicz (Heartland)  
PHOTO: 1



CLIENT NAME: Indiana Finance Authority & City of Gary Redevelopment Commission

DATE: September 23, 2024  
LOCATION: 801-811 Broadway Street in Gary, Indiana  
SUBJECT: View of north and east faces of site building  
PHOTOGRAPHER: Ryan M. Orzechowicz (Heartland)  
PHOTO: 2



CLIENT NAME: Indiana Finance Authority & City of Gary Redevelopment Commission

DATE: September 23, 2024  
LOCATION: 801-811 Broadway Street in Gary, Indiana  
SUBJECT: View of north face of site building  
PHOTOGRAPHER: Ryan M. Orzechowicz (Heartland)  
PHOTO: 3



CLIENT NAME: Indiana Finance Authority & City of Gary Redevelopment Commission

DATE: September 23, 2024  
LOCATION: 801-811 Broadway Street in Gary, Indiana  
SUBJECT: View of north and west faces of site building  
PHOTOGRAPHER: Ryan M. Orzechowicz (Heartland)  
PHOTO: 4



CLIENT NAME: Indiana Finance Authority & City of Gary Redevelopment Commission

DATE: September 23, 2024  
LOCATION: 801-811 Broadway Street in Gary, Indiana  
SUBJECT: View of first floor of eastern portion of site building  
PHOTOGRAPHER: Ryan M. Orzechowicz (Heartland)  
PHOTO: 5



CLIENT NAME: Indiana Finance Authority & City of Gary Redevelopment Commission

DATE: September 23, 2024  
LOCATION: 801-811 Broadway Street in Gary, Indiana  
SUBJECT: View of second floor of eastern portion of site building  
PHOTOGRAPHER: Ryan M. Orzechowicz (Heartland)  
PHOTO: 6



CLIENT NAME: Indiana Finance Authority & City of Gary Redevelopment Commission

DATE: September 23, 2024  
LOCATION: 801-811 Broadway Street in Gary, Indiana  
SUBJECT: General view of interior of western portion of site building  
PHOTOGRAPHER: Ryan M. Orzechowicz (Heartland)  
PHOTO: 7



CLIENT NAME: Indiana Finance Authority & City of Gary Redevelopment Commission

DATE: September 23, 2024  
LOCATION: 801-811 Broadway Street in Gary, Indiana  
SUBJECT: View of roof  
PHOTOGRAPHER: Ryan M. Orzechowicz (Heartland)  
PHOTO: 8



CLIENT NAME: Indiana Finance Authority & City of Gary Redevelopment Commission

DATE: September 23, 2024  
LOCATION: 801-811 Broadway Street in Gary, Indiana  
SUBJECT: View of collapsed floor  
PHOTOGRAPHER: Ryan M. Orzechowicz (Heartland)  
PHOTO: 9



CLIENT NAME: Indiana Finance Authority & City of Gary Redevelopment Commission

DATE: September 23, 2024  
LOCATION: 801-811 Broadway Street in Gary, Indiana  
SUBJECT: View of collapsed floor and ceiling  
PHOTOGRAPHER: Ryan M. Orzechowicz (Heartland)  
PHOTO: 10



CLIENT NAME: Indiana Finance Authority & City of Gary Redevelopment Commission

DATE: September 23, 2024  
LOCATION: 801-811 Broadway Street in Gary, Indiana  
SUBJECT: View of sampled ceiling tile (CT-1)  
PHOTOGRAPHER: Ryan M. Orzechowicz (Heartland)  
PHOTO: 11



CLIENT NAME: Indiana Finance Authority & City of Gary Redevelopment Commission

DATE: September 23, 2024  
LOCATION: 628 Western Avenue in South Bend, Indian  
SUBJECT: View of sampled plaster (PL-1)  
PHOTOGRAPHER: Ryan M. Orzechowicz (Heartland)  
PHOTO: 12



CLIENT NAME: Indiana Finance Authority & City of Gary Redevelopment Commission

DATE: September 23, 2024  
LOCATION: 801-811 Broadway Street in Gary, Indiana  
SUBJECT: View of sampled plaster (PL-2)  
PHOTOGRAPHER: Ryan M. Orzechowicz (Heartland)  
PHOTO: 13



CLIENT NAME: Indiana Finance Authority & City of Gary Redevelopment Commission

DATE: September 23, 2024  
LOCATION: 801-811 Broadway Street in Gary, Indiana  
SUBJECT: View of sampled floor tile (FT-1)  
PHOTOGRAPHER: Ryan M. Orzechowicz (Heartland)  
PHOTO: 14



CLIENT NAME: Indiana Finance Authority & City of Gary Redevelopment Commission

DATE: September 23, 2024  
LOCATION: 801-811 Broadway Street in Gary, Indiana  
SUBJECT: View of sampled floor tile (FT-2)  
PHOTOGRAPHER: Ryan M. Orzechowicz (Heartland)  
PHOTO: 15



CLIENT NAME: Indiana Finance Authority & City of Gary Redevelopment Commission

DATE: September 23, 2024  
LOCATION: 801-811 Broadway Street in Gary, Indiana  
SUBJECT: View of sampled ceiling tile (CT-2)  
PHOTOGRAPHER: Ryan M. Orzechowicz (Heartland)  
PHOTO: 16



CLIENT NAME: Indiana Finance Authority & City of Gary Redevelopment Commission

DATE: September 23, 2024  
LOCATION: 801-811 Broadway Street in Gary, Indiana  
SUBJECT: View of sampled ceiling tile (CT-3)  
PHOTOGRAPHER: Ryan M. Orzechowicz (Heartland)  
PHOTO: 17



CLIENT NAME: Indiana Finance Authority & City of Gary Redevelopment Commission

DATE: September 23, 2024  
LOCATION: 801-811 Broadway Street in Gary, Indiana  
SUBJECT: View of sampled glue pods (GP-1)  
PHOTOGRAPHER: Ryan M. Orzechowicz (Heartland)  
PHOTO: 18



CLIENT NAME: Indiana Finance Authority & City of Gary Redevelopment Commission

DATE: September 23, 2024  
LOCATION: 801-811 Broadway Street in Gary, Indiana  
SUBJECT: View of sampled backing paper (BP-1)  
PHOTOGRAPHER: Ryan M. Orzechowicz (Heartland)  
PHOTO: 19



CLIENT NAME: Indiana Finance Authority & City of Gary Redevelopment Commission

DATE: September 23, 2024  
LOCATION: 801-811 Broadway Street in Gary, Indiana  
SUBJECT: View of sampled column wrap (CW-1)  
PHOTOGRAPHER: Ryan M. Orzechowicz (Heartland)  
PHOTO: 20



CLIENT NAME: Indiana Finance Authority & City of Gary Redevelopment Commission

DATE: September 23, 2024  
LOCATION: 801-811 Broadway Street in Gary, Indiana  
SUBJECT: View of sampled insulation within air handling ducts (IN-1)  
PHOTOGRAPHER: Ryan M. Orzechowicz (Heartland)  
PHOTO: 21



CLIENT NAME: Indiana Finance Authority & City of Gary Redevelopment Commission

DATE: September 23, 2024  
LOCATION: 801-811 Broadway Street in Gary, Indiana  
SUBJECT: View of sampled exterior wallboard (SD-1)  
PHOTOGRAPHER: Ryan M. Orzechowicz (Heartland)  
PHOTO: 22



CLIENT NAME: Indiana Finance Authority & City of Gary Redevelopment Commission

DATE: September 23, 2024  
LOCATION: 801-811 Broadway Street in Gary, Indiana  
SUBJECT: View of sampled exterior wallboard behind SD-1 (WB-1)  
PHOTOGRAPHER: Ryan M. Orzechowicz (Heartland)  
PHOTO: 23



CLIENT NAME: Indiana Finance Authority & City of Gary Redevelopment Commission

DATE: September 23, 2024  
LOCATION: 801-811 Broadway Street in Gary, Indiana  
SUBJECT: View of sampled rubberized roofing (RF-1)  
PHOTOGRAPHER: Ryan M. Orzechowicz (Heartland)  
PHOTO: 24



CLIENT NAME: Indiana Finance Authority & City of Gary Redevelopment Commission

DATE: September 23, 2024  
LOCATION: 801-811 Broadway Street in Gary, Indiana  
SUBJECT: View of sampled asphalt roofing (RF-2)  
PHOTOGRAPHER: Ryan M. Orzechowicz (Heartland)  
PHOTO: 25



CLIENT NAME: Indiana Finance Authority & City of Gary Redevelopment Commission

DATE: September 23, 2024  
LOCATION: 801-811 Broadway Street in Gary, Indiana  
SUBJECT: View of sampled roof flashing (FL-1)  
PHOTOGRAPHER: Ryan M. Orzechowicz (Heartland)  
PHOTO: 26



CLIENT NAME: Indiana Finance Authority & City of Gary Redevelopment Commission

DATE: September 23, 2024  
LOCATION: 801-811 Broadway Street in Gary, Indiana  
SUBJECT: View of sampled drywall (DW-1)  
PHOTOGRAPHER: Ryan M. Orzechowicz (Heartland)  
PHOTO: 27



CLIENT NAME: Indiana Finance Authority & City of Gary Redevelopment Commission

DATE: September 23, 2024  
LOCATION: 801-811 Broadway Street in Gary, Indiana  
SUBJECT: View of sampled TSI pipe wrap (PW-1)  
PHOTOGRAPHER: Ryan M. Orzechowicz (Heartland)  
PHOTO: 28



CLIENT NAME: Indiana Finance Authority & City of Gary Redevelopment Commission

DATE: September 23, 2024  
LOCATION: 801-811 Broadway Street in Gary, Indiana  
SUBJECT: View of sampled TSI pipe wrap (PW-1)

PHOTOGRAPHER: Ryan M. Orzechowicz (Heartland)  
PHOTO: 29



CLIENT NAME: Indiana Finance Authority & City of Gary Redevelopment Commission

DATE: September 23, 2024  
LOCATION: 801-811 Broadway Street in Gary, Indiana  
SUBJECT: View of sampled TSI pipe wrap and TSI mudded joints (PW-1 & MJ-1)

PHOTOGRAPHER: Ryan M. Orzechowicz (Heartland)  
PHOTO: 30



CLIENT NAME: Indiana Finance Authority & City of Gary Redevelopment Commission

DATE: September 23, 2024  
LOCATION: 801-811 Broadway Street in Gary, Indiana  
SUBJECT: View of sampled TSI pipe wrap (PW-1)  
PHOTOGRAPHER: Ryan M. Orzechowicz (Heartland)  
PHOTO: 31



CLIENT NAME: Indiana Finance Authority & City of Gary Redevelopment Commission

DATE: September 23, 2024  
LOCATION: 801-811 Broadway Street in Gary, Indiana  
SUBJECT: View of damaged TSI pipe wrap  
PHOTOGRAPHER: Ryan M. Orzechowicz (Heartland)  
PHOTO: 32



CLIENT NAME: Indiana Finance Authority & City of Gary Redevelopment Commission

DATE: September 23, 2024  
LOCATION: 801-811 Broadway Street in Gary, Indiana  
SUBJECT: View of damaged TSI mudded joint  
PHOTOGRAPHER: Ryan M. Orzechowicz (Heartland)  
PHOTO: 33



CLIENT NAME: Indiana Finance Authority & City of Gary Redevelopment Commission

DATE: September 23, 2024  
LOCATION: 801-811 Broadway Street in Gary, Indiana  
SUBJECT: View of sampled TSI pipe wrap (PW-1)  
PHOTOGRAPHER: Ryan M. Orzechowicz (Heartland)  
PHOTO: 34



CLIENT NAME: Indiana Finance Authority & City of Gary Redevelopment Commission

DATE: September 23, 2024  
LOCATION: 801-811 Broadway Street in Gary, Indiana  
SUBJECT: View of damaged TSI pipe wrap  
PHOTOGRAPHER: Ryan M. Orzechowicz (Heartland)  
PHOTO: 35



CLIENT NAME: Indiana Finance Authority & City of Gary Redevelopment Commission

DATE: September 23, 2024  
LOCATION: 801-811 Broadway Street in Gary, Indiana  
SUBJECT: View of damaged TSI pipe wrap  
PHOTOGRAPHER: Ryan M. Orzechowicz (Heartland)  
PHOTO: 36



CLIENT NAME: Indiana Finance Authority & City of Gary Redevelopment Commission

DATE: September 23, 2024  
LOCATION: 801-811 Broadway Street in Gary, Indiana  
SUBJECT: View of damaged TSI pipe wrap  
PHOTOGRAPHER: Ryan M. Orzechowicz (Heartland)  
PHOTO: 37



CLIENT NAME: Indiana Finance Authority & City of Gary Redevelopment Commission

DATE: September 23, 2024  
LOCATION: 801-811 Broadway Street in Gary, Indiana  
SUBJECT: View of damaged TSI pipe wrap  
PHOTOGRAPHER: Ryan M. Orzechowicz (Heartland)  
PHOTO: 38



CLIENT NAME: Indiana Finance Authority & City of Gary Redevelopment Commission

DATE: September 23, 2024  
LOCATION: 801-811 Broadway Street in Gary, Indiana  
SUBJECT: View of basement water pumping station  
PHOTOGRAPHER: Ryan M. Orzechowicz (Heartland)  
PHOTO: 39



CLIENT NAME: Indiana Finance Authority & City of Gary Redevelopment Commission

DATE: September 23, 2024  
LOCATION: 801-811 Broadway Street in Gary, Indiana  
SUBJECT: View of sampled TSI pipe wrap (PW-1)  
PHOTOGRAPHER: Ryan M. Orzechowicz (Heartland)  
PHOTO: 40



CLIENT NAME: Indiana Finance Authority & City of Gary Redevelopment Commission

DATE: September 23, 2024  
LOCATION: 801-811 Broadway Street in Gary, Indiana  
SUBJECT: View of sampled TSI mudded joint (MJ-1)  
PHOTOGRAPHER: Ryan M. Orzechowicz (Heartland)  
PHOTO: 41



CLIENT NAME: Indiana Finance Authority & City of Gary Redevelopment Commission

DATE: September 23, 2024  
LOCATION: 801-811 Broadway Street in Gary, Indiana  
SUBJECT: View of damaged TSI pipe wrap and mudded joints  
PHOTOGRAPHER: Ryan M. Orzechowicz (Heartland)  
PHOTO: 42



CLIENT NAME: Indiana Finance Authority & City of Gary Redevelopment Commission

DATE: September 23, 2024  
LOCATION: 801-811 Broadway Street in Gary, Indiana  
SUBJECT: View of damaged TSI pipe wrap and mudded joints  
PHOTOGRAPHER: Ryan M. Orzechowicz (Heartland)  
PHOTO: 43



CLIENT NAME: Indiana Finance Authority & City of Gary Redevelopment Commission

DATE: September 23, 2024  
LOCATION: 801-811 Broadway Street in Gary, Indiana  
SUBJECT: View of damaged TSI pipe wrap and mudded joints  
PHOTOGRAPHER: Ryan M. Orzechowicz (Heartland)  
PHOTO: 44



CLIENT NAME: Indiana Finance Authority & City of Gary Redevelopment Commission

DATE: September 23, 2024  
LOCATION: 801-811 Broadway Street in Gary, Indiana  
SUBJECT: View of damaged TSI pipe wrap on floor as debris  
PHOTOGRAPHER: Ryan M. Orzechowicz (Heartland)  
PHOTO: 45



CLIENT NAME: Indiana Finance Authority & City of Gary Redevelopment Commission

DATE: September 23, 2024  
LOCATION: 801-811 Broadway Street in Gary, Indiana  
SUBJECT: View of damaged TSI pipe wrap and mudded joints  
PHOTOGRAPHER: Ryan M. Orzechowicz (Heartland)  
PHOTO: 46

## **APPENDIX C**

### **Laboratory Certificate of Analysis and Chain-of-Custody Documentation**



# EMSL Analytical, Inc.

6340 CastlePlace Dr. Indianapolis, IN 46250  
Tel/Fax: (317) 803-2997 / (317) 803-3047  
<http://www.EMSL.com> / [indianapolislab@emsl.com](mailto:indianapolislab@emsl.com)

**EMSL Order:** 162417359  
**Customer ID:** HRTL42  
**Customer PO:**  
**Project ID:**

**Attention:** Ryan Orzechowicz  
Heartland Environmental  
3410 Mishawaka Ave.  
South Bend, IN 46615  
**Phone:** (317) 771-2283  
**Fax:**  
**Received Date:** 09/26/2024 11:56 AM  
**Analysis Date:** 09/30/2024  
**Collected Date:** 09/23/2024  
**Project:** 801 BROADWAY

## 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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
FT-1A-Floor Tile <small>162417359-0001</small>	Floor Tile	Tan Non-Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile
FT-1A-Mastic <small>162417359-0001A</small>	Floor Tile	Black Non-Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile
FT-1B <small>162417359-0002</small>	Floor Tile				Positive Stop (Not Analyzed)
FT-1C <small>162417359-0003</small>	Floor Tile				Positive Stop (Not Analyzed)
FT-1D <small>162417359-0004</small>	Floor Tile				Positive Stop (Not Analyzed)
FT-1E <small>162417359-0005</small>	Floor Tile				Positive Stop (Not Analyzed)
FT-2A-Floor Tile <small>162417359-0006</small>	Floor Tile	Gray/Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
FT-2A-Mastic <small>162417359-0006A</small>	Floor Tile	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
FT-2B-Floor Tile <small>162417359-0007</small>	Floor Tile	Tan Non-Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile
FT-2B-Mastic <small>162417359-0007A</small>	Floor Tile	Black Non-Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile
FT-2C <small>162417359-0008</small>	Floor Tile				Positive Stop (Not Analyzed)
FT-2D <small>162417359-0009</small>	Floor Tile				Positive Stop (Not Analyzed)
FT-2E <small>162417359-0010</small>	Floor Tile				Positive Stop (Not Analyzed)
CT-1A <small>162417359-0011</small>	Ceiling Tile	Gray/White Fibrous Homogeneous	3% Cellulose 95% Min. Wool	2% Non-fibrous (Other)	None Detected
CT-1B <small>162417359-0012</small>	Ceiling Tile	Gray/White Fibrous Homogeneous	3% Cellulose 95% Min. Wool	2% Non-fibrous (Other)	None Detected
CT-1C <small>162417359-0013</small>	Ceiling Tile	Gray/White Fibrous Homogeneous	3% Cellulose 95% Min. Wool	2% Non-fibrous (Other)	None Detected

Initial report from: 09/30/2024 15:08:19



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6340 CastlePlace Dr. Indianapolis, IN 46250

Tel/Fax: (317) 803-2997 / (317) 803-3047

<http://www.EMSL.com> / [indianapolislab@emsl.com](mailto:indianapolislab@emsl.com)

**EMSL Order:** 162417359  
**Customer ID:** HRTL42  
**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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
CT-1D <small>162417359-0014</small>	Ceiling Tile	Gray/White Fibrous Homogeneous	3% Cellulose 95% Min. Wool	2% Non-fibrous (Other)	None Detected
CT-1E <small>162417359-0015</small>	Ceiling Tile	Gray/White Fibrous Homogeneous	3% Cellulose 95% Min. Wool	2% Non-fibrous (Other)	None Detected
CT-1F <small>162417359-0016</small>	Ceiling Tile	Gray/White Fibrous Homogeneous	5% Cellulose 85% Min. Wool	10% Non-fibrous (Other)	None Detected
CT-1G <small>162417359-0017</small>	Ceiling Tile	Gray/White Fibrous Homogeneous	5% Cellulose 85% Min. Wool	10% Non-fibrous (Other)	None Detected
CT-2A <small>162417359-0018</small>	Ceiling Tile	Brown/White Fibrous Heterogeneous	25% Cellulose 2% Glass	60% Gypsum 2% Mica 11% Non-fibrous (Other)	None Detected
CT-2B <small>162417359-0019</small>	Ceiling Tile	Brown/White Fibrous Heterogeneous	25% Cellulose 2% Glass	60% Gypsum 2% Mica 11% Non-fibrous (Other)	None Detected
CT-2C <small>162417359-0020</small>	Ceiling Tile	White Non-Fibrous Homogeneous	<1% Cellulose	95% Gypsum 5% Non-fibrous (Other)	None Detected
CT-3A <small>162417359-0021</small>	Ceiling Tile	Gray Fibrous Homogeneous	<1% Cellulose 95% Min. Wool	5% Non-fibrous (Other)	None Detected
CT-3B <small>162417359-0022</small>	Ceiling Tile	Gray Fibrous Homogeneous	<1% Cellulose 95% Min. Wool	5% Non-fibrous (Other)	None Detected
CT-3C <small>162417359-0023</small>	Ceiling Tile	Gray Fibrous Homogeneous	<1% Cellulose 95% Min. Wool	5% Non-fibrous (Other)	None Detected
CT-3D <small>162417359-0024</small>	Ceiling Tile	Gray Fibrous Homogeneous	<1% Cellulose 95% Min. Wool	5% Non-fibrous (Other)	None Detected
CT-3E <small>162417359-0025</small>	Ceiling Tile	White Fibrous Homogeneous	2% Cellulose 95% Min. Wool	3% Non-fibrous (Other)	None Detected
IN-1A <small>162417359-0026</small>	Insulation	Brown Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected
IN-1B <small>162417359-0027</small>	Insulation	Brown Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected
IN-1C <small>162417359-0028</small>	Insulation	Gray/Tan Fibrous Homogeneous	98% Glass	2% Non-fibrous (Other)	None Detected
DW-1A <small>162417359-0029</small>	Drywall	White Non-Fibrous Homogeneous	<1% Cellulose	95% Gypsum 5% Non-fibrous (Other)	None Detected
DW-1B <small>162417359-0030</small>	Drywall	White Non-Fibrous Homogeneous	<1% Cellulose	95% Gypsum 5% Non-fibrous (Other)	None Detected
DW-1C <small>162417359-0031</small>	Drywall	White Non-Fibrous Homogeneous	<1% Cellulose	95% Gypsum 5% Non-fibrous (Other)	None Detected
DW-1D <small>162417359-0032</small>	Drywall	Brown/White Non-Fibrous Homogeneous	5% Cellulose	90% Gypsum 5% Non-fibrous (Other)	None Detected

Initial report from: 09/30/2024 15:08:19



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**EMSL Order:** 162417359  
**Customer ID:** HRTL42  
**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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
DW-1E <small>162417359-0033</small>	Drywall	Brown/White Non-Fibrous Homogeneous	5% Cellulose	90% Gypsum 5% Non-fibrous (Other)	None Detected
DW-1F <small>162417359-0034</small>	Drywall	White Non-Fibrous Homogeneous		95% Gypsum 5% Non-fibrous (Other)	None Detected
DW-1G <small>162417359-0035</small>	Drywall	Brown/White Fibrous Heterogeneous	10% Cellulose	85% Gypsum 5% Non-fibrous (Other)	None Detected
BP-1A <small>162417359-0036</small>	Backing Paper	Brown Fibrous Homogeneous	98% Cellulose	2% Non-fibrous (Other)	None Detected
BP-1B <small>162417359-0037</small>	Backing Paper	Brown Fibrous Homogeneous	98% Cellulose	2% Non-fibrous (Other)	None Detected
BP-1C <small>162417359-0038</small>	Backing Paper	Brown Fibrous Homogeneous	98% Cellulose	2% Non-fibrous (Other)	None Detected
SD-1A-Siding <small>162417359-0039</small>	Siding	Gray Fibrous Homogeneous		80% Non-fibrous (Other)	<b>20% Chrysotile</b>
SD-1A-Mastic <small>162417359-0039A</small>	Siding	Black Non-Fibrous Homogeneous		98% Non-fibrous (Other)	<b>2% Chrysotile</b>
<i>Result includes a small amount of inseparable attached material</i>					
SD-1B <small>162417359-0040</small>	Siding				<b>Positive Stop (Not Analyzed)</b>
SD-1C <small>162417359-0041</small>	Siding				<b>Positive Stop (Not Analyzed)</b>
WB-1A <small>162417359-0042</small>	Wallboard	Gray Fibrous Homogeneous		80% Non-fibrous (Other)	<b>20% Chrysotile</b>
WB-1B <small>162417359-0043</small>	Wallboard				<b>Positive Stop (Not Analyzed)</b>
WB-1C <small>162417359-0044</small>	Wallboard				<b>Positive Stop (Not Analyzed)</b>
CW-1A <small>162417359-0045</small>	Column Wrap	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
PL-1A <small>162417359-0046</small>	Plaster	Gray Non-Fibrous Homogeneous		10% Quartz 10% Perlite 80% Non-fibrous (Other)	None Detected
PL-1B <small>162417359-0047</small>	Plaster	Gray Non-Fibrous Homogeneous		10% Quartz 10% Perlite 80% Non-fibrous (Other)	None Detected
PL-1C <small>162417359-0048</small>	Plaster	Gray Non-Fibrous Homogeneous		20% Quartz 80% Non-fibrous (Other)	None Detected
PL-1D <small>162417359-0049</small>	Plaster	Gray Non-Fibrous Homogeneous		20% Quartz 80% Non-fibrous (Other)	None Detected
PL-1E <small>162417359-0050</small>	Plaster	Gray Non-Fibrous Homogeneous		20% Quartz 80% Non-fibrous (Other)	None Detected

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**EMSL Order:** 162417359  
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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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
PL-1F-Finish Coat <small>162417359-0051</small>	Plaster	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
PL-1F-Base Coat <small>162417359-0051A</small>	Plaster	Gray Non-Fibrous Homogeneous		20% Quartz 80% Non-fibrous (Other)	None Detected
PL-1G <small>162417359-0052</small>	Plaster	White Non-Fibrous Homogeneous	<1% Cellulose 2% Glass	90% Gypsum 8% Non-fibrous (Other)	None Detected
PL-2A-Finish Coat <small>162417359-0053</small>	Plaster	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
PL-2A-Base Coat <small>162417359-0053A</small>	Plaster	Gray Non-Fibrous Homogeneous		20% Quartz 80% Non-fibrous (Other)	None Detected
PL-2B-Finish Coat <small>162417359-0054</small>	Plaster	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
PL-2B-Base Coat <small>162417359-0054A</small>	Plaster	Gray Non-Fibrous Homogeneous		20% Quartz 80% Non-fibrous (Other)	None Detected
PL-2C-Finish Coat <small>162417359-0055</small>	Plaster	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
PL-2C-Base Coat <small>162417359-0055A</small>	Plaster	Gray Non-Fibrous Homogeneous		20% Quartz 80% Non-fibrous (Other)	None Detected
PL-2D-Finish Coat <small>162417359-0056</small>	Plaster	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
PL-2D-Base Coat <small>162417359-0056A</small>	Plaster	Gray Non-Fibrous Homogeneous		20% Quartz 80% Non-fibrous (Other)	None Detected
PL-2E-Finish Coat <small>162417359-0057</small>	Plaster	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
PL-2E-Base Coat <small>162417359-0057A</small>	Plaster	Gray Non-Fibrous Homogeneous		20% Quartz 80% Non-fibrous (Other)	None Detected
PL-2F-Finish Coat <small>162417359-0058</small>	Plaster	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
PL-2F-Base Coat <small>162417359-0058A</small>	Plaster	Gray Non-Fibrous Homogeneous		20% Quartz 80% Non-fibrous (Other)	None Detected
PL-2G-Finish Coat <small>162417359-0059</small>	Plaster	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
PL-2G-Base Coat <small>162417359-0059A</small>	Plaster	Gray Non-Fibrous Homogeneous		20% Quartz 80% Non-fibrous (Other)	None Detected
GP-1A <small>162417359-0060</small>	Glue Pods	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
GP-1B <small>162417359-0061</small>	Glue Pods	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 09/30/2024 15:08:19



# EMSL Analytical, Inc.

6340 CastlePlace Dr. Indianapolis, IN 46250

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<http://www.EMSL.com> / [indianapolislab@emsl.com](mailto:indianapolislab@emsl.com)

**EMSL Order:** 162417359  
**Customer ID:** HRTL42  
**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**

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
GP-1C <small>162417359-0062</small>	Glue Pods	Brown Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
RF-1A-Rubber Membrane <small>162417359-0063</small>	Rubberized Roofing	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
RF-1A-Mastic <small>162417359-0063A</small>	Rubberized Roofing	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
RF-1B-Rubber Membrane <small>162417359-0064</small>	Rubberized Roofing	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
RF-1B-Mastic <small>162417359-0064A</small>	Rubberized Roofing	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
RF-1C-Rubber Membrane <small>162417359-0065</small>	Rubberized Roofing	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
RF-1C-Mastic <small>162417359-0065A</small>	Rubberized Roofing	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
FL-1A <small>162417359-0066</small>	Roof Flashing	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
FL-1B <small>162417359-0067</small>	Roof Flashing	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
FL-1C <small>162417359-0068</small>	Roof Flashing	Black Non-Fibrous Heterogeneous	3% Cellulose	97% Non-fibrous (Other)	None Detected
RF-2A <small>162417359-0069</small>	Asphalt Roofing	Gray/Black Fibrous Heterogeneous	15% Cellulose	65% Non-fibrous (Other)	<b>20% Chrysotile</b>
RF-2B <small>162417359-0070</small>	Asphalt Roofing				<b>Positive Stop (Not Analyzed)</b>
RF-2C <small>162417359-0071</small>	Asphalt Roofing				<b>Positive Stop (Not Analyzed)</b>
MJ-1A <small>162417359-0072</small>	Mudded Joint	Gray Fibrous Homogeneous	20% Cellulose	30% Non-fibrous (Other)	<b>50% Chrysotile</b>
PW-1A <small>162417359-0073</small>	Pipe Wrap	Gray Fibrous Homogeneous	10% Cellulose	30% Non-fibrous (Other)	<b>60% Chrysotile</b>

Initial report from: 09/30/2024 15:08:19



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EMSL Order: 162417359

Customer ID: HRTL42

Customer PO:

Project ID:

Analyst(s)

*Amanda Straw (19)*

*Ross Matlock (56)*

Asbestos 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. Indianapolis, IN NVLAP Lab Code 200188-0, AZ0939, CA 2575, CO AL-15132, TX 300262, A2LA Accredited - Certificate #2845.25

Initial report from: 09/30/2024 15:08:19



EMSL ANALYTICAL, INC.  
LABORATORY PRODUCTS TRAINING

**Asbestos Chain of Custody**

EMSL Order Number (Lab Use Only):

162417359

EMSL ANALYTICAL, INC.  
6340 CASTLEPLACE DR.  
INDIANAPOLIS, IN 46250  
PHONE: (800) 220-3675  
FAX: (317)803-3047

Company Name: <u>HEARTLAND ENVIRONMENTAL ASSOCIATES, INC.</u>		EMSL Customer ID:	
Street: <u>3410 MISHAWAKA AVENUE</u>		City: <u>SOUTH BEND</u>	State/Province: <u>IN</u>
Zip/Postal Code: <u>46615</u>	Country: <u>USA</u>	Telephone #: <u>574-289-1191</u>	Fax #:
Report To (Name): <u>RYAN ORZECHOWICZ</u>		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email	
Email Address: <u>rorzechowicz@heartlandenv.com</u>		Purchase Order:	
Project Name/Number: <u>801 BROADWAY</u>		EMSL Project ID (Internal Use Only):	
U.S. State Samples Taken: <u>IN</u>		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	

EMSL-Bill to:  Same  Different - If Bill to is Different note instructions in Comments\*\*  
Third Party Billing requires written authorization from third party

**Turnaround Time (TAT) Options\* - Please Check**

3 Hour  6 Hour  24 Hour  48 Hour  72 Hour  96 Hour  1 Week  2 Week

\*For TEM Air 3 hr through 6 hr, please call ahead to schedule. \*There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.

<b>PCM - Air</b> <input type="checkbox"/> Check if samples are from NY <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA	<b>TEM - Air</b> <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312	<b>TEM - Dust</b> <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167)
<b>PLM - Bulk (reporting limit)</b> <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NYS 198.8 SOF-V <input type="checkbox"/> NIOSH 9002 (<1%)	<b>TEM - Bulk</b> <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 <b>TEM - Water: EPA 100.2</b> Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	<b>Soil/Rock/Vermiculite</b> <input type="checkbox"/> PLM EPA 600/R-93/116 with milling prep (<1%) <input type="checkbox"/> PLM EPA 600/R-93/116 with milling prep (<0.25%) <input type="checkbox"/> TEM EPA 600/R-93/116 with milling prep (<0.1%) <input type="checkbox"/> TEM Qualitative via Filtration Prep <input type="checkbox"/> TEM Qualitative via Drop Mount Prep <input type="checkbox"/> Cincinnati Method EPA 600/R-04/004 - PLM/TEM (BC only)

Check For Positive Stop - Clearly Identify Homogenous Group Filter Pore Size (Air Samples):  0.8µm  0.45µm

Samplers Name: RYAN ORZECHOWICZ Samplers Signature: [Signature]

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
<del>FT-1</del> FT-1	FLOOR TILE	A-E	9/29/24
<del>FT-2</del> FT-2	1	A-E	
CT-1	CEILING TILE	A-G	
CT-2	1	A-C	
CT-3		A-E	

Client Sample # (s): \_\_\_\_\_ Total # of Samples: \_\_\_\_\_

Relinquished (Client): [Signature] Date: 9/29/24 Time: 12 p

Received (Lab): [Signature] Date: 9-26-24 Time: 11:56 AM

Comments/Special Instructions: WZ

73



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## **ATTACHMENT 2 – LABORATORY REPORT**



# EMSL Analytical, Inc.

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Phone/Fax: (800) 220-3675 / (856) 786-5974  
<http://www.EMSL.com> / [cinnasblab@EMSL.com](mailto:cinnasblab@EMSL.com)

EMSL Order ID: 042503423  
Customer ID: BLNL75  
Customer PO: 240100  
Project ID:

**Attn:** Detroit Project Group  
Egis BLN USA Inc  
51151 W. Pontiac Trail  
Wixom, MI 48393  
**Phone:** (313) 408-4893  
**Fax:**  
**Collected:** 2/20/2025  
**Received:** 2/25/2025  
**Analyzed:** 2/27/2025  
**Proj:** IC-006 - 810 Massachusetts / RDA Program

## Summary Test Report for Asbestos Analysis of Bulk Material

**Client Sample ID:** 1A **Lab Sample ID:** 042503423-0001

**Sample Description:** EA 1, EA 4, FS 29/Brick\_Mortar - Exterior & interior Decorative Stone Façade, gray mortar

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/25/2025	Gray	0.0%	100.0%	None Detected	

**Client Sample ID:** 1B **Lab Sample ID:** 042503423-0002

**Sample Description:** EA 1, EA 4, FS 29/Brick\_Mortar - Exterior & interior Decorative Stone Façade, gray mortar

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/25/2025	Brown/Gray	0.0%	100.0%	None Detected	

**Client Sample ID:** 1C **Lab Sample ID:** 042503423-0003

**Sample Description:** EA 1, EA 4, FS 29/Brick\_Mortar - Exterior & interior Decorative Stone Façade, gray mortar

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/25/2025	Brown/Gray	0.0%	100.0%	None Detected	

**Client Sample ID:** 2A **Lab Sample ID:** 042503423-0004

**Sample Description:** EA 1, EA 4/Exterior\_Caulk - On stone façade, siding and trim, white/gray

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/25/2025	Gray/White	0.0%	100.0%	None Detected	

**Client Sample ID:** 2B **Lab Sample ID:** 042503423-0005

**Sample Description:** EA 1, EA 4/Exterior\_Caulk - On stone façade, siding and trim, white/gray

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/25/2025	Gray/White	0.0%	100.0%	None Detected	

**Client Sample ID:** 2C **Lab Sample ID:** 042503423-0006

**Sample Description:** EA 1, EA 4/Exterior\_Caulk - On stone façade, siding and trim, white/gray

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/25/2025	Gray/White	0.0%	100.0%	None Detected	

**Client Sample ID:** 3A **Lab Sample ID:** 042503423-0007

**Sample Description:** EA 2, EA 4/Brick\_Mortar - Exterior, gray with red brick

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/25/2025	Gray/Red	0.0%	100.0%	None Detected	



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EMSL Order ID: 042503423  
Customer ID: BLNL75  
Customer PO: 240100  
Project ID:

## Summary Test Report for Asbestos Analysis of Bulk Material

**Client Sample ID:** 3B **Lab Sample ID:** 042503423-0008

**Sample Description:** EA 2, EA 4/Brick\_Mortar - Exterior, gray with red brick

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/25/2025	Gray/Red	0.0%	100.0%	None Detected	

**Client Sample ID:** 3C **Lab Sample ID:** 042503423-0009

**Sample Description:** EA 2, EA 4/Brick\_Mortar - Exterior, gray with red brick

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/25/2025	Gray/Red	0.0%	100.0%	None Detected	

**Client Sample ID:** 4A **Lab Sample ID:** 042503423-0010

**Sample Description:** EA 2/Roofing\_Material - Misc Debris, black, asphaltic

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/25/2025	Black	0.0%	92.0%	8% Chrysotile	

**Client Sample ID:** 4B **Lab Sample ID:** 042503423-0011

**Sample Description:** EA 2/Roofing\_Material - Misc Debris, black, asphaltic

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/25/2025					Positive Stop (Not Analyzed)

**Client Sample ID:** 4C **Lab Sample ID:** 042503423-0012

**Sample Description:** EA 2/Roofing\_Material - Misc Debris, black, asphaltic

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/25/2025					Positive Stop (Not Analyzed)

**Client Sample ID:** 5A **Lab Sample ID:** 042503423-0013

**Sample Description:** EA 3/Plaster - Exterior Siding on mesh, driveway & door overhangs

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/25/2025	Gray	0.0%	100.0%	None Detected	

**Client Sample ID:** 5B **Lab Sample ID:** 042503423-0014

**Sample Description:** EA 3/Plaster - Exterior Siding on mesh, driveway & door overhangs

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/25/2025	Gray	0.0%	100.0%	None Detected	

**Client Sample ID:** 5C **Lab Sample ID:** 042503423-0015

**Sample Description:** EA 3/Plaster - Exterior Siding on mesh, driveway & door overhangs

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/25/2025	Gray	0.0%	100.0%	None Detected	



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<http://www.EMSL.com> / [cinnasblab@EMSL.com](mailto:cinnasblab@EMSL.com)

EMSL Order ID: 042503423  
Customer ID: BLNL75  
Customer PO: 240100  
Project ID:

## Summary Test Report for Asbestos Analysis of Bulk Material

**Client Sample ID:** 5D **Lab Sample ID:** 042503423-0016

**Sample Description:** EA 3/Plaster - Exterior Siding on mesh, driveway & door overhangs

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/25/2025	Gray	0.0%	100.0%	None Detected	

**Client Sample ID:** 5E **Lab Sample ID:** 042503423-0017

**Sample Description:** EA 3/Plaster - Exterior Siding on mesh, driveway & door overhangs

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/25/2025	Gray	0.0%	100.0%	None Detected	

**Client Sample ID:** 6A **Lab Sample ID:** 042503423-0018

**Sample Description:** EA 3/Brick\_Mortar - Exterior, gray with white glazed brick

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/25/2025	Gray	0.0%	100.0%	None Detected	

**Client Sample ID:** 6B **Lab Sample ID:** 042503423-0019

**Sample Description:** EA 3/Brick\_Mortar - Exterior, gray with white glazed brick

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/25/2025	Gray	0.0%	100.0%	None Detected	

**Client Sample ID:** 6C **Lab Sample ID:** 042503423-0020

**Sample Description:** EA 3/Brick\_Mortar - Exterior, gray with white glazed brick

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/25/2025	Gray	0.0%	100.0%	None Detected	

**Client Sample ID:** 7A **Lab Sample ID:** 042503423-0021

**Sample Description:** EA 1, EA 3, EA 4/Exterior\_Caulk - Gray, On aluminum window & door frames

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/25/2025	Gray	0.0%	95.0%	5% Chrysotile	

**Client Sample ID:** 7B **Lab Sample ID:** 042503423-0022

**Sample Description:** EA 1, EA 3, EA 4/Exterior\_Caulk - Gray, On aluminum window & door frames

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/25/2025					Positive Stop (Not Analyzed)

**Client Sample ID:** 7C **Lab Sample ID:** 042503423-0023

**Sample Description:** EA 1, EA 3, EA 4/Exterior\_Caulk - Gray, On aluminum window & door frames

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/25/2025					Positive Stop (Not Analyzed)



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EMSL Order ID: 042503423  
Customer ID: BLNL75  
Customer PO: 240100  
Project ID:

## Summary Test Report for Asbestos Analysis of Bulk Material

**Client Sample ID:** 8A **Lab Sample ID:** 042503423-0024

**Sample Description:** EA 4/Ceramic\_Tile - w/ Grout & Mortar, gray/white/yellow

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/25/2025	Brown/Gray	0.0%	100.0%	None Detected	

**Client Sample ID:** 8B **Lab Sample ID:** 042503423-0025

**Sample Description:** EA 4/Ceramic\_Tile - w/ Grout & Mortar, gray/white/yellow

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/25/2025	Brown/Gray	0.0%	100.0%	None Detected	

**Client Sample ID:** 8C **Lab Sample ID:** 042503423-0026

**Sample Description:** EA 4/Ceramic\_Tile - w/ Grout & Mortar, gray/white/yellow

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/25/2025	Brown/Gray	0.0%	100.0%	None Detected	

**Client Sample ID:** 9A **Lab Sample ID:** 042503423-0027

**Sample Description:** FS 1/Heat\_Shield - Millboard, white, West end of boiler

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/25/2025	White	0.0%	80.0%	20% Chrysotile	

**Client Sample ID:** 9B **Lab Sample ID:** 042503423-0028

**Sample Description:** FS 1/Heat\_Shield - Millboard, white, West end of boiler

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/25/2025					Positive Stop (Not Analyzed)

**Client Sample ID:** 9C **Lab Sample ID:** 042503423-0029

**Sample Description:** FS 1/Heat\_Shield - Millboard, white, West end of boiler

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/25/2025					Positive Stop (Not Analyzed)

**Client Sample ID:** 10A **Lab Sample ID:** 042503423-0030

**Sample Description:** FS 24/Vibration\_Dampener - Woven, Coarse Textile, White

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/25/2025	Brown	0.0%	75.0%	25% Chrysotile	

**Client Sample ID:** 10B **Lab Sample ID:** 042503423-0031

**Sample Description:** FS 24/Vibration\_Dampener - Woven, Coarse Textile, White

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/25/2025					Positive Stop (Not Analyzed)



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EMSL Order ID: 042503423  
Customer ID: BLNL75  
Customer PO: 240100  
Project ID:

## Summary Test Report for Asbestos Analysis of Bulk Material

**Client Sample ID:** 10C **Lab Sample ID:** 042503423-0032

**Sample Description:** FS 24/Vibration\_Dampener - Woven, Coarse Textile, White

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/25/2025					Positive Stop (Not Analyzed)

**Client Sample ID:** 11A **Lab Sample ID:** 042503423-0033

**Sample Description:** FS 4, FS 10, FS 11, FS 29/Insulator - Transit debris, from electrical panels

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/25/2025	Gray	0.0%	80.0%	20% Chrysotile	

**Client Sample ID:** 11B **Lab Sample ID:** 042503423-0034

**Sample Description:** FS 4, FS 10, FS 11, FS 29/Insulator - Transit debris, from electrical panels

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/25/2025					Positive Stop (Not Analyzed)

**Client Sample ID:** 11C **Lab Sample ID:** 042503423-0035

**Sample Description:** FS 4, FS 10, FS 11, FS 29/Insulator - Transit debris, from electrical panels

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/25/2025					Positive Stop (Not Analyzed)

**Client Sample ID:** 12A **Lab Sample ID:** 042503423-0036

**Sample Description:** FS 5/Construction\_Adhesive - Black, on fiberglass insulation inside air handler

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/25/2025	Black	0.0%	100.0%	None Detected	

**Client Sample ID:** 12B **Lab Sample ID:** 042503423-0037

**Sample Description:** FS 5/Construction\_Adhesive - Black, on fiberglass insulation inside air handler

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/25/2025	Black	0.0%	100.0%	None Detected	

**Client Sample ID:** 12C **Lab Sample ID:** 042503423-0038

**Sample Description:** FS 5/Construction\_Adhesive - Black, on fiberglass insulation inside air handler

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/25/2025	Black	0.0%	100.0%	None Detected	

**Client Sample ID:** 13A **Lab Sample ID:** 042503423-0039

**Sample Description:** FS 4/Gasket\_Material - Pipe Flange gaskets, white, in storage

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/25/2025	White	0.0%	85.0%	15% Chrysotile	



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EMSL Order ID: 042503423  
Customer ID: BLNL75  
Customer PO: 240100  
Project ID:

## Summary Test Report for Asbestos Analysis of Bulk Material

**Client Sample ID:** 13B **Lab Sample ID:** 042503423-0040

**Sample Description:** FS 4/Gasket\_Material - Pipe Flange gaskets, white, in storage

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/25/2025					Positive Stop (Not Analyzed)

**Client Sample ID:** 13C **Lab Sample ID:** 042503423-0041

**Sample Description:** FS 4/Gasket\_Material - Pipe Flange gaskets, white, in storage

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/25/2025					Positive Stop (Not Analyzed)

**Client Sample ID:** 14A-Cove Base **Lab Sample ID:** 042503423-0042

**Sample Description:** FS 27/Cove\_Base - with Adhesive, Black

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/25/2025	Black	0.0%	100.0%	None Detected	

**Client Sample ID:** 14A-Mastic **Lab Sample ID:** 042503423-0042A

**Sample Description:** FS 27/Cove\_Base - with Adhesive, Black

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/25/2025	White	0.0%	100.0%	None Detected	

**Client Sample ID:** 14B-Cove Base **Lab Sample ID:** 042503423-0043

**Sample Description:** FS 27/Cove\_Base - with Adhesive, Black

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/25/2025	Black	0.0%	100.0%	None Detected	

**Client Sample ID:** 14B-Mastic **Lab Sample ID:** 042503423-0043A

**Sample Description:** FS 27/Cove\_Base - with Adhesive, Black

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/25/2025	White	0.0%	100.0%	None Detected	

**Client Sample ID:** 14C-Cove Base **Lab Sample ID:** 042503423-0044

**Sample Description:** FS 27/Cove\_Base - with Adhesive, Black

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/25/2025	Black	0.0%	100.0%	None Detected	

**Client Sample ID:** 14C-Mastic **Lab Sample ID:** 042503423-0044A

**Sample Description:** FS 27/Cove\_Base - with Adhesive, Black

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/25/2025	White	0.0%	100.0%	None Detected	



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## Summary Test Report for Asbestos Analysis of Bulk Material

**Client Sample ID:** 15A-Skim Coat **Lab Sample ID:** 042503423-0045

**Sample Description:** FS 13, FS 22, FS 23, FS 19, FS 20/Plaster - Skim & Base Coat Walls on Wall Board

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/26/2025	White	0.0%	100.0%	None Detected	

**Client Sample ID:** 15A-Base Coat **Lab Sample ID:** 042503423-0045A

**Sample Description:** FS 13, FS 22, FS 23, FS 19, FS 20/Plaster - Skim & Base Coat Walls on Wall Board

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/26/2025	Gray	10.0%	90.0%	None Detected	

**Client Sample ID:** 15B-Skim Coat **Lab Sample ID:** 042503423-0046

**Sample Description:** FS 13, FS 22, FS 23, FS 19, FS 20/Plaster - Skim & Base Coat Walls on Wall Board

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/26/2025	White	0.0%	100.0%	None Detected	

**Client Sample ID:** 15B-Base Coat **Lab Sample ID:** 042503423-0046A

**Sample Description:** FS 13, FS 22, FS 23, FS 19, FS 20/Plaster - Skim & Base Coat Walls on Wall Board

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/26/2025	Gray	10.0%	90.0%	None Detected	

**Client Sample ID:** 15C-Skim Coat **Lab Sample ID:** 042503423-0047

**Sample Description:** FS 13, FS 22, FS 23, FS 19, FS 20/Plaster - Skim & Base Coat Walls on Wall Board

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/26/2025	White	0.0%	100.0%	None Detected	

**Client Sample ID:** 15C-Base Coat **Lab Sample ID:** 042503423-0047A

**Sample Description:** FS 13, FS 22, FS 23, FS 19, FS 20/Plaster - Skim & Base Coat Walls on Wall Board

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/26/2025	Gray	8.0%	92.0%	None Detected	

**Client Sample ID:** 15D-Skim Coat **Lab Sample ID:** 042503423-0048

**Sample Description:** FS 13, FS 22, FS 23, FS 19, FS 20/Plaster - Skim & Base Coat Walls on Wall Board

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/26/2025	White	0.0%	100.0%	None Detected	

**Client Sample ID:** 15D-Base Coat **Lab Sample ID:** 042503423-0048A

**Sample Description:** FS 13, FS 22, FS 23, FS 19, FS 20/Plaster - Skim & Base Coat Walls on Wall Board

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/26/2025	Gray	5.0%	95.0%	None Detected	



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## Summary Test Report for Asbestos Analysis of Bulk Material

**Client Sample ID:** 15E-Skim Coat **Lab Sample ID:** 042503423-0049

**Sample Description:** FS 13, FS 22, FS 23, FS 19, FS 20/Plaster - Skim & Base Coat Walls on Wall Board

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/26/2025	White	0.0%	100.0%	None Detected	

**Client Sample ID:** 15E-Base Coat **Lab Sample ID:** 042503423-0049A

**Sample Description:** FS 13, FS 22, FS 23, FS 19, FS 20/Plaster - Skim & Base Coat Walls on Wall Board

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/26/2025	Gray	10.0%	90.0%	None Detected	

**Client Sample ID:** 16A **Lab Sample ID:** 042503423-0050

**Sample Description:** FS 15, FS 16/Plaster - Base Coat Walls on Brick/Block

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/26/2025	Gray	0.0%	100.0%	None Detected	

**Client Sample ID:** 16B **Lab Sample ID:** 042503423-0051

**Sample Description:** FS 15, FS 16/Plaster - Base Coat Walls on Brick/Block

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/26/2025	Gray	0.0%	100.0%	None Detected	

**Client Sample ID:** 16C **Lab Sample ID:** 042503423-0052

**Sample Description:** FS 15, FS 16/Plaster - Base Coat Walls on Brick/Block

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/26/2025	Gray	0.0%	100.0%	None Detected	

**Client Sample ID:** 17A **Lab Sample ID:** 042503423-0053

**Sample Description:** FS 21, FS 22/Window\_Glaze - Gray, On wood frame of bathroom windows

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/26/2025	Gray	0.0%	95.0%	5% Chrysotile	

**Client Sample ID:** 17B **Lab Sample ID:** 042503423-0054

**Sample Description:** FS 21, FS 22/Window\_Glaze - Gray, On wood frame of bathroom windows

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/26/2025					Positive Stop (Not Analyzed)

**Client Sample ID:** 17C **Lab Sample ID:** 042503423-0055

**Sample Description:** FS 21, FS 22/Window\_Glaze - Gray, On wood frame of bathroom windows

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/26/2025					Positive Stop (Not Analyzed)



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## Summary Test Report for Asbestos Analysis of Bulk Material

**Client Sample ID:** 18A **Lab Sample ID:** 042503423-0056

**Sample Description:** FS 1-FS 4, FS 13, FS 23, FS 24, FS 27, FS 28/Block\_Mortar - Interior Wall Block with Mortar

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/26/2025	Gray	0.0%	100.0%	None Detected	

**Client Sample ID:** 18B **Lab Sample ID:** 042503423-0057

**Sample Description:** FS 1-FS 4, FS 13, FS 23, FS 24, FS 27, FS 28/Block\_Mortar - Interior Wall Block with Mortar

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/26/2025	Gray	0.0%	100.0%	None Detected	

**Client Sample ID:** 18C **Lab Sample ID:** 042503423-0058

**Sample Description:** FS 1-FS 4, FS 13, FS 23, FS 24, FS 27, FS 28/Block\_Mortar - Interior Wall Block with Mortar

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/26/2025	Gray	0.0%	100.0%	None Detected	

**Client Sample ID:** 19A **Lab Sample ID:** 042503423-0059

**Sample Description:** FS 4/Concrete - Slabs in pump room

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/26/2025	Gray	0.0%	100.0%	None Detected	

**Client Sample ID:** 19B **Lab Sample ID:** 042503423-0060

**Sample Description:** FS 4/Concrete - Slabs in pump room

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/26/2025	Gray	0.0%	100.0%	None Detected	

**Client Sample ID:** 19C **Lab Sample ID:** 042503423-0061

**Sample Description:** FS 4/Concrete - Slabs in pump room

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/26/2025	Gray	0.0%	100.0%	None Detected	

**Client Sample ID:** 20A **Lab Sample ID:** 042503423-0062

**Sample Description:** EA 1, EA 2, EA 3, EA 4/Concrete - Foundation Walls

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/26/2025	Gray	0.0%	100.0%	None Detected	

**Client Sample ID:** 20B **Lab Sample ID:** 042503423-0063

**Sample Description:** EA 1, EA 2, EA 3, EA 4/Concrete - Foundation Walls

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/26/2025	Gray	0.0%	100.0%	None Detected	



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## Summary Test Report for Asbestos Analysis of Bulk Material

**Client Sample ID:** 20C **Lab Sample ID:** 042503423-0064

**Sample Description:** EA 1, EA 2, EA 3, EA 4/Concrete - Foundation Walls

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/26/2025	Gray	0.0%	100.0%	None Detected	

**Client Sample ID:** 21A **Lab Sample ID:** 042503423-0065

**Sample Description:** FS 29/Rolled\_In\_Insulation - Yellow fiberglass with thick tar Paper backing

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/26/2025	Black	0.0%	100.0%	None Detected	

**Client Sample ID:** 21B **Lab Sample ID:** 042503423-0066

**Sample Description:** FS 29/Rolled\_In\_Insulation - Yellow fiberglass with thick tar Paper backing

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/26/2025	Black	0.0%	100.0%	None Detected	

**Client Sample ID:** 21C **Lab Sample ID:** 042503423-0067

**Sample Description:** FS 29/Rolled\_In\_Insulation - Yellow fiberglass with thick tar Paper backing

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/26/2025	Black	0.0%	100.0%	None Detected	

**Client Sample ID:** 22A **Lab Sample ID:** 042503423-0068

**Sample Description:** FS 29/Rolled\_In\_Insulation - Yellow with Foil

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/26/2025	Brown/Silver	0.0%	100.0%	None Detected	

**Client Sample ID:** 22B **Lab Sample ID:** 042503423-0069

**Sample Description:** FS 29/Rolled\_In\_Insulation - Yellow with Foil

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/26/2025	Brown/Silver	0.0%	100.0%	None Detected	

**Client Sample ID:** 22C **Lab Sample ID:** 042503423-0070

**Sample Description:** FS 29/Rolled\_In\_Insulation - Yellow with Foil

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/26/2025	Brown/Silver	0.0%	100.0%	None Detected	

**Client Sample ID:** 23A **Lab Sample ID:** 042503423-0071

**Sample Description:** FS 29/Rolled\_In\_Insulation - Pink with Paper

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/26/2025	Brown/Silver	0.0%	100.0%	None Detected	



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## Summary Test Report for Asbestos Analysis of Bulk Material

**Client Sample ID:** 23B **Lab Sample ID:** 042503423-0072

**Sample Description:** FS 29/Rolled\_In\_Insulation - Pink with Paper

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/26/2025	Brown/Silver	0.0%	100.0%	None Detected	

**Client Sample ID:** 23C **Lab Sample ID:** 042503423-0073

**Sample Description:** FS 29/Rolled\_In\_Insulation - Pink with Paper

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/26/2025	Brown/Silver	0.0%	100.0%	None Detected	

**Client Sample ID:** 24A **Lab Sample ID:** 042503423-0074

**Sample Description:** FS 29/Interior\_Caulk - Gray, on metal panels on floor

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/26/2025	Gray	0.0%	92.0%	8% Chrysotile	

**Client Sample ID:** 24B **Lab Sample ID:** 042503423-0075

**Sample Description:** FS 29/Interior\_Caulk - Gray, on metal panels on floor

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/26/2025				Positive Stop (Not Analyzed)	

**Client Sample ID:** 24C **Lab Sample ID:** 042503423-0076

**Sample Description:** FS 29/Interior\_Caulk - Gray, on metal panels on floor

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/26/2025				Positive Stop (Not Analyzed)	

**Client Sample ID:** 25A **Lab Sample ID:** 042503423-0077

**Sample Description:** FS 29/Interior\_Caulk - Gray, flexible, on Metal door trim at west vestibule

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/26/2025	Gray	0.0%	92.0%	8% Chrysotile	

**Client Sample ID:** 25B **Lab Sample ID:** 042503423-0078

**Sample Description:** FS 29/Interior\_Caulk - Gray, flexible, on Metal door trim at west vestibule

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/26/2025				Positive Stop (Not Analyzed)	

**Client Sample ID:** 25C **Lab Sample ID:** 042503423-0079

**Sample Description:** FS 29/Interior\_Caulk - Gray, flexible, on Metal door trim at west vestibule

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/26/2025				Positive Stop (Not Analyzed)	



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## Summary Test Report for Asbestos Analysis of Bulk Material

**Client Sample ID:** 26A **Lab Sample ID:** 042503423-0080

**Sample Description:** FS 32, FS 41, 42, 44/Construction\_Adhesive - Yellow, behind wood paneling

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/26/2025	Yellow	0.0%	100.0%	None Detected	

**Client Sample ID:** 26B **Lab Sample ID:** 042503423-0081

**Sample Description:** FS 32, FS 41, 42, 44/Construction\_Adhesive - Yellow, behind wood paneling

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/26/2025	Yellow	0.0%	100.0%	None Detected	

**Client Sample ID:** 26C **Lab Sample ID:** 042503423-0082

**Sample Description:** FS 32, FS 41, 42, 44/Construction\_Adhesive - Yellow, behind wood paneling

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/26/2025	Yellow	0.0%	100.0%	None Detected	

**Client Sample ID:** 27A-Cove Base **Lab Sample ID:** 042503423-0083

**Sample Description:** FS 40, FS 43/Cove\_Base - with Adhesive, gray/beige

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/26/2025	Gray	0.0%	100.0%	None Detected	

**Client Sample ID:** 27A-Mastic **Lab Sample ID:** 042503423-0083A

**Sample Description:** FS 40, FS 43/Cove\_Base - with Adhesive, gray/beige

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/26/2025	Brown	0.0%	100.0%	None Detected	

**Client Sample ID:** 27B-Cove Base **Lab Sample ID:** 042503423-0084

**Sample Description:** FS 40, FS 43/Cove\_Base - with Adhesive, gray/beige

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/26/2025	Gray	0.0%	100.0%	None Detected	

**Client Sample ID:** 27B-Mastic **Lab Sample ID:** 042503423-0084A

**Sample Description:** FS 40, FS 43/Cove\_Base - with Adhesive, gray/beige

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/26/2025	Brown	0.0%	100.0%	None Detected	

**Client Sample ID:** 27C-Cove Base **Lab Sample ID:** 042503423-0085

**Sample Description:** FS 40, FS 43/Cove\_Base - with Adhesive, gray/beige

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/26/2025	Gray	0.0%	100.0%	None Detected	



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## Summary Test Report for Asbestos Analysis of Bulk Material

**Client Sample ID:** 27C-Mastic **Lab Sample ID:** 042503423-0085A

**Sample Description:** FS 40, FS 43/Cove\_Base - with Adhesive, gray/beige

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/26/2025	Brown	0.0%	100.0%	None Detected	

**Client Sample ID:** 28A **Lab Sample ID:** 042503423-0086

**Sample Description:** FS 40/Interior\_Caulk - Gray, between concrete slabs along north & east walls

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/26/2025	Gray	0.0%	92.0%	8% Chrysotile	

**Client Sample ID:** 28B **Lab Sample ID:** 042503423-0087

**Sample Description:** FS 40/Interior\_Caulk - Gray, between concrete slabs along north & east walls

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/26/2025				Positive Stop (Not Analyzed)	

**Client Sample ID:** 28C **Lab Sample ID:** 042503423-0088

**Sample Description:** FS 40/Interior\_Caulk - Gray, between concrete slabs along north & east walls

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/26/2025				Positive Stop (Not Analyzed)	

**Client Sample ID:** 29A **Lab Sample ID:** 042503423-0089

**Sample Description:** FS 40, EA 1, EA 4/Concrete - Slabs, vertical on walls

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/26/2025	Gray	0.0%	100.0%	None Detected	

**Client Sample ID:** 29B **Lab Sample ID:** 042503423-0090

**Sample Description:** FS 40, EA 1, EA 4/Concrete - Slabs, vertical on walls

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/26/2025	Gray	0.0%	100.0%	None Detected	

**Client Sample ID:** 29C **Lab Sample ID:** 042503423-0091

**Sample Description:** FS 40, EA 1, EA 4/Concrete - Slabs, vertical on walls

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/26/2025	Gray	0.0%	100.0%	None Detected	

**Client Sample ID:** 30A **Lab Sample ID:** 042503423-0092

**Sample Description:** FS 33, FS 34/Rolled\_In\_Insulation - Yellow with Paper

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/26/2025	Yellow	0.0%	100.0%	None Detected	



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<http://www.EMSL.com> / [cinnasblab@EMSL.com](mailto:cinnasblab@EMSL.com)

EMSL Order ID: 042503423  
Customer ID: BLNL75  
Customer PO: 240100  
Project ID:

## Summary Test Report for Asbestos Analysis of Bulk Material

**Client Sample ID:** 30B **Lab Sample ID:** 042503423-0093

**Sample Description:** FS 33, FS 34/Rolled\_In\_Insulation - Yellow with Paper

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/26/2025	Yellow	0.0%	100.0%	None Detected	

**Client Sample ID:** 30C **Lab Sample ID:** 042503423-0094

**Sample Description:** FS 33, FS 34/Rolled\_In\_Insulation - Yellow with Paper

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/26/2025	Yellow	0.0%	100.0%	None Detected	

**Client Sample ID:** 31A **Lab Sample ID:** 042503423-0095

**Sample Description:** FS 27/Plaster - Plaster board, reinforced w/fibers, nailed directly to wood frame

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/26/2025	White	0.0%	100.0%	None Detected	

**Client Sample ID:** 31B **Lab Sample ID:** 042503423-0096

**Sample Description:** FS 27/Plaster - Plaster board, reinforced w/fibers, nailed directly to wood frame

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/26/2025	White	0.0%	100.0%	None Detected	

**Client Sample ID:** 31C **Lab Sample ID:** 042503423-0097

**Sample Description:** FS 27/Plaster - Plaster board, reinforced w/fibers, nailed directly to wood frame

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/26/2025	White	0.0%	100.0%	None Detected	

**Client Sample ID:** 32A **Lab Sample ID:** 042503423-0098

**Sample Description:** EA 3/Exterior\_Siding - Fiberboard, black, for sound proofing behind plaster

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/26/2025	Brown	60.0%	40.0%	None Detected	

**Client Sample ID:** 32B **Lab Sample ID:** 042503423-0099

**Sample Description:** EA 3/Exterior\_Siding - Fiberboard, black, for sound proofing behind plaster

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/26/2025	Brown	60.0%	40.0%	None Detected	

**Client Sample ID:** 32C **Lab Sample ID:** 042503423-0100

**Sample Description:** EA 3/Exterior\_Siding - Fiberboard, black, for sound proofing behind plaster

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/26/2025	Brown	60.0%	40.0%	None Detected	



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EMSL Order ID: 042503423  
Customer ID: BLNL75  
Customer PO: 240100  
Project ID:

## Summary Test Report for Asbestos Analysis of Bulk Material

**Client Sample ID:** 33A **Lab Sample ID:** 042503423-0101

**Sample Description:** EA 3/Exterior\_Siding - Stucco on foam, w/construction adhesive

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/26/2025	Gray	20.0%	80.0%	None Detected	

**Client Sample ID:** 33B **Lab Sample ID:** 042503423-0102

**Sample Description:** EA 3/Exterior\_Siding - Stucco on foam, w/construction adhesive

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/26/2025	Gray	20.0%	80.0%	None Detected	

**Client Sample ID:** 33C **Lab Sample ID:** 042503423-0103

**Sample Description:** EA 3/Exterior\_Siding - Stucco on foam, w/construction adhesive

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/26/2025	Gray	20.0%	80.0%	None Detected	

**Client Sample ID:** 34A **Lab Sample ID:** 042503423-0104

**Sample Description:** EA 3/Concrete - Curbs/blocks

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/27/2025	Gray	0.0%	100.0%	None Detected	

**Client Sample ID:** 34B **Lab Sample ID:** 042503423-0105

**Sample Description:** EA 3/Concrete - Curbs/blocks

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/27/2025	Gray	0.0%	100.0%	None Detected	

**Client Sample ID:** 34C **Lab Sample ID:** 042503423-0106

**Sample Description:** EA 3/Concrete - Curbs/blocks

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/27/2025	Gray	0.0%	100.0%	None Detected	

**Client Sample ID:** 35A **Lab Sample ID:** 042503423-0107

**Sample Description:** EA 3/Asphalt\_Paving - Driveway

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/27/2025	Black	0.0%	100.0%	None Detected	

**Client Sample ID:** 35B **Lab Sample ID:** 042503423-0108

**Sample Description:** EA 3/Asphalt\_Paving - Driveway

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/27/2025	Black	0.0%	100.0%	None Detected	



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EMSL Order ID: 042503423  
Customer ID: BLNL75  
Customer PO: 240100  
Project ID:

## Summary Test Report for Asbestos Analysis of Bulk Material

**Client Sample ID:** 35C **Lab Sample ID:** 042503423-0109

**Sample Description:** EA 3/Asphalt\_Paving - Driveway

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/27/2025	Black	0.0%	100.0%	None Detected	

**Client Sample ID:** 36A **Lab Sample ID:** 042503423-0110

**Sample Description:** FS 29/Interior\_Caulk - Black/Gray, on metal door frame at east vestibule

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/27/2025	Gray/Black	0.0%	98.0%	2% Chrysotile	

**Client Sample ID:** 36B **Lab Sample ID:** 042503423-0111

**Sample Description:** FS 29/Interior\_Caulk - Black/Gray, on metal door frame at east vestibule

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/27/2025				Positive Stop (Not Analyzed)	

**Client Sample ID:** 36C **Lab Sample ID:** 042503423-0112

**Sample Description:** FS 29/Interior\_Caulk - Black/Gray, on metal door frame at east vestibule

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/27/2025				Positive Stop (Not Analyzed)	

**Client Sample ID:** 37A **Lab Sample ID:** 042503423-0113

**Sample Description:** FS 1/Boiler\_Insulation, exterior - Fiberglass with Foil

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/27/2025	Silver/Yellow	25.0%	75.0%	None Detected	

**Client Sample ID:** 37B **Lab Sample ID:** 042503423-0114

**Sample Description:** FS 1/Boiler\_Insulation, exterior - Fiberglass with Foil

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/27/2025	Silver/Yellow	25.0%	75.0%	None Detected	

**Client Sample ID:** 37C **Lab Sample ID:** 042503423-0115

**Sample Description:** FS 1/Boiler\_Insulation, exterior - Fiberglass with Foil

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/27/2025	Silver/Yellow	25.0%	75.0%	None Detected	

**Client Sample ID:** 38A **Lab Sample ID:** 042503423-0116

**Sample Description:** FS 23/Construction\_Adhesive - Gray on cinder block

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/27/2025	Gray	0.0%	100.0%	None Detected	



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EMSL Order ID: 042503423  
Customer ID: BLNL75  
Customer PO: 240100  
Project ID:

## Summary Test Report for Asbestos Analysis of Bulk Material

**Client Sample ID:** 38B **Lab Sample ID:** 042503423-0117

**Sample Description:** FS 23/Construction\_Adhesive - Gray on cinder block

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/27/2025	Gray	0.0%	100.0%	None Detected	

**Client Sample ID:** 38C **Lab Sample ID:** 042503423-0118

**Sample Description:** FS 23/Construction\_Adhesive - Gray on cinder block

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/27/2025	Gray	0.0%	100.0%	None Detected	

**Client Sample ID:** 39A **Lab Sample ID:** 042503423-0119

**Sample Description:** FS 1/Brick\_Mortar - Boiler chimney

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/27/2025	Gray/Red	0.0%	100.0%	None Detected	

**Client Sample ID:** 39B **Lab Sample ID:** 042503423-0120

**Sample Description:** FS 1/Brick\_Mortar - Boiler chimney

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/27/2025	Gray/Red	0.0%	100.0%	None Detected	

**Client Sample ID:** 39C **Lab Sample ID:** 042503423-0121

**Sample Description:** FS 1/Brick\_Mortar - Boiler chimney

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/27/2025	Gray/Red	0.0%	100.0%	None Detected	

**Client Sample ID:** 40A **Lab Sample ID:** 042503423-0122

**Sample Description:** FS 1/Stack\_Cement - Chimney at Mechanical Exhausts

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/27/2025	Gray	0.0%	100.0%	None Detected	

**Client Sample ID:** 40B **Lab Sample ID:** 042503423-0123

**Sample Description:** FS 1/Stack\_Cement - Chimney at Mechanical Exhausts

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/27/2025	Gray	0.0%	100.0%	None Detected	

**Client Sample ID:** 40C **Lab Sample ID:** 042503423-0124

**Sample Description:** FS 1/Stack\_Cement - Chimney at Mechanical Exhausts

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/27/2025	Gray	0.0%	100.0%	None Detected	



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EMSL Order ID: 042503423  
Customer ID: BLNL75  
Customer PO: 240100  
Project ID:

## Summary Test Report for Asbestos Analysis of Bulk Material

**Client Sample ID:** 41A **Lab Sample ID:** 042503423-0125

**Sample Description:** FS 29/Flooring - Terrazzo, cream colored, at east vestibule

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/27/2025	White	0.0%	100.0%	None Detected	

**Client Sample ID:** 41B **Lab Sample ID:** 042503423-0126

**Sample Description:** FS 29/Flooring - Terrazzo, cream colored, at east vestibule

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/27/2025	White	0.0%	100.0%	None Detected	

**Client Sample ID:** 41C **Lab Sample ID:** 042503423-0127

**Sample Description:** FS 29/Flooring - Terrazzo, cream colored, at east vestibule

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/27/2025	White	0.0%	100.0%	None Detected	

**Client Sample ID:** 42A **Lab Sample ID:** 042503423-0128

**Sample Description:** FS 40/Expansion\_ Joint - Black , at joints between concrete slabs, behind caulk.

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/27/2025	Black	0.0%	100.0%	None Detected	

**Client Sample ID:** 42B **Lab Sample ID:** 042503423-0129

**Sample Description:** FS 40/Expansion\_ Joint - Black , at joints between concrete slabs, behind caulk.

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/27/2025	Black	0.0%	100.0%	None Detected	

**Client Sample ID:** 42C **Lab Sample ID:** 042503423-0130

**Sample Description:** FS 40/Expansion\_ Joint - Black , at joints between concrete slabs, behind caulk.

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/27/2025	Black	0.0%	100.0%	None Detected	

**Client Sample ID:** 43A-Floor Tile **Lab Sample ID:** 042503423-0131

**Sample Description:** FS 32, FS 36, FS 37, FS 38, FS 39, FS 41, FS 42, FS 43/Flooring - 12X12 Floor Tile with Mastic & Glue

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/27/2025	Gray	0.0%	100.0%	None Detected	

**Client Sample ID:** 43A-Mastic **Lab Sample ID:** 042503423-0131A

**Sample Description:** FS 32, FS 36, FS 37, FS 38, FS 39, FS 41, FS 42, FS 43/Flooring - 12X12 Floor Tile with Mastic & Glue

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/27/2025	Black	0.0%	98.0%	2% Chrysotile	



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EMSL Order ID: 042503423  
Customer ID: BLNL75  
Customer PO: 240100  
Project ID:

## Summary Test Report for Asbestos Analysis of Bulk Material

**Client Sample ID:** 43B-Floor Tile **Lab Sample ID:** 042503423-0132

**Sample Description:** FS 32, FS 36, FS 37, FS 38, FS 39, FS 41, FS 42, FS 43/Flooring - 12X12 Floor Tile with Mastic & Glue

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/27/2025	Gray	0.0%	100.0%	None Detected	

**Client Sample ID:** 43B-Mastic **Lab Sample ID:** 042503423-0132A

**Sample Description:** FS 32, FS 36, FS 37, FS 38, FS 39, FS 41, FS 42, FS 43/Flooring - 12X12 Floor Tile with Mastic & Glue

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/27/2025		Positive Stop (Not Analyzed)			

**Client Sample ID:** 43C-Floor Tile **Lab Sample ID:** 042503423-0133

**Sample Description:** FS 32, FS 36, FS 37, FS 38, FS 39, FS 41, FS 42, FS 43/Flooring - 12X12 Floor Tile with Mastic & Glue

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/27/2025	Gray	0.0%	100.0%	None Detected	

**Client Sample ID:** 43C-Mastic **Lab Sample ID:** 042503423-0133A

**Sample Description:** FS 32, FS 36, FS 37, FS 38, FS 39, FS 41, FS 42, FS 43/Flooring - 12X12 Floor Tile with Mastic & Glue

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/27/2025		Positive Stop (Not Analyzed)			

**Client Sample ID:** 44A **Lab Sample ID:** 042503423-0134

**Sample Description:** FS 39/Insulator - Fiberglass sound proofing

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/27/2025	Brown	0.0%	100.0%	None Detected	

**Client Sample ID:** 44B **Lab Sample ID:** 042503423-0135

**Sample Description:** FS 39/Insulator - Fiberglass sound proofing

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/27/2025	Brown	0.0%	100.0%	None Detected	

**Client Sample ID:** 44C **Lab Sample ID:** 042503423-0136

**Sample Description:** FS 39/Insulator - Fiberglass sound proofing

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/27/2025	Brown	0.0%	100.0%	None Detected	

**Client Sample ID:** 45A **Lab Sample ID:** 042503423-0137

**Sample Description:** FS 33/Duct\_Insulation - Fiberglass/horse hair w/plastic

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/27/2025	Brown	0.0%	100.0%	None Detected	



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EMSL Order ID: 042503423  
Customer ID: BLNL75  
Customer PO: 240100  
Project ID:

## Summary Test Report for Asbestos Analysis of Bulk Material

Client Sample ID: 45B

Lab Sample ID: 042503423-0138

Sample Description: FS 33/Duct\_Insulation - Fiberglass/horse hair w/plastic

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/27/2025	Brown	0.0%	100.0%	None Detected	

Client Sample ID: 45C

Lab Sample ID: 042503423-0139

Sample Description: FS 33/Duct\_Insulation - Fiberglass/horse hair w/plastic

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	2/27/2025	Brown	0.0%	100.0%	None Detected	

**Analyst(s):**

Colin Deubell PLM (129)

**Reviewed and approved by:**

Samantha Rundstrom, 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 is a summary report; official reports are available on LabConnect or upon request and 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. Depew, NY NVLAP Lab Code 200056-0

Initial report from: 02/27/2025 15:37:52



**Asbestos Bulk Building Materials - Chain of Custody**

EMSL Order Number / Lab Use Only

EMSL Analytical, Inc.  
200 Route 130 North  
Cinnaminson NJ 08077

**EMSL ANALYTICAL, INC.**  
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#042503423

PHONE: (800) 220-3675  
EMAIL: CinnAsblab@EMSL.com

<b>Customer Information</b>	Customer ID: <b>BLNL75</b>		Billing ID: <b>BLNL75</b>	
	Company Name: <b>Egis</b>		Company Name: <b>Egis</b>	
	Contact Name: <b>Craig Willey</b>		Billing Contact: <b>Ryan Jones</b>	
	Street Address: <b>48797 Alpha Drive</b>		Street Address: <b>8320 Craig Street</b>	
	City, State, Zip: <b>Wixom, MI 48393</b>	Country: <b>USA</b>	City, State, Zip: <b>Indianapolis, IN 46250</b>	Country: <b>USA</b>
	Phone: <b>(248) 863-2934</b>		Phone: <b>(248) 863-2762</b>	
Email(s) for Report: <b>DETROIT-DEMO-EDD-EMPLOYEES.EGIS-US@egis-group.com</b>		Email(s) for Invoice: <b>Ryan.JONES@egis-group.com; Beth.Senn@egis-group.com</b>		
<b>Project Information</b>				
Project Name/No: <b>IC-006 - 810 Massachusetts ()</b>			Purchase Order: <b>240100-RDA Program</b>	
EMSL LIMS Project ID (If applicable, EMSL will provide)		US State where samples collected: <b>MICHIGAN</b>	State of Connecticut (CT) must select project location: <input type="checkbox"/> Commercial (Taxable) <input type="checkbox"/> Residential (Non-Taxable)	
Sampled By Name: <b>Andrew Ketchum</b>	Sampled By Signature:	Date Sample: <b>2/20/2025</b>	No. of Samples: <b>139</b>	

**Turn-Around-Time (TAT)**

**72 Hours**

Please call ahead for large projects and/or turnaround times 6 Hours or Less. \*32 Hour TAT available for select tests only; samples must be submitted by 11:30am.

**Test Selection**

PLM - Bulk (reporting limit)

PLM EPA 600/R-93/116 (<1%)

TEM - Bulk

Other Tests (please specify)

Point Count all samples ≤1% asbestos  
Point Count NOB material samples ≤1% asbestos by PLM EPA  
NOB-EPA/600/R-93/116 w/ Gravimetric Reduction (TRL 0.5%)

FedEx # 2856 4326 0667

Positive Stop - Clearly Identified Homogeneous Areas

Sample Number	HA Number	Sample Location	Material Description
1 - A, B, C	BM	EA 1, EA 4, FS 29	Brick_Mortar - Exterior & interior Decorative Stone Façade, gray mortar
2 - A, B, C	EC	EA 1, EA 4	Exterior_Caulk - On stone façade, siding and trim, white/gray
3 - A, B, C	BM	EA 2, EA 4	Brick_Mortar - Exterior, gray with red brick
4 - A, B, C	RM	EA 2	Roofing_Material - Misc Debris, black, asphaltic
5 - A, B, C, D, E	PL	EA 3	Plaster - Exterior Siding on mesh, driveway & door overhangs
6 - A, B, C	BM	EA 3	Brick_Mortar - Exterior, gray with white glazed brick
7 - A, B, C	EC	EA 1, EA 3, EA 4	Exterior_Caulk - Gray, On aluminum window & door frames
8 - A, B, C	CRT	EA 4	Ceramic_Tile - w/ Grout & Mortar, gray/white/yellow

Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)

Please provide EDD in CSV format

Method of Shipment: <b>Lab Location Depew, NY</b>		Sample Condition Upon Receipt:	
Relinquished by:	Date/Time: <b>02/24/25 1030AM</b>	Received by:	Date/Time:
		Received by:	Date/Time:

RECEIVED

FEB 25 2025

BY:

9:22am  
Feb-x



**Asbestos Bulk Building Materials - Chain of Custody**

EMSL Order Number / Lab Use Only

EMSL Analytical, Inc.  
200 Route 130 North  
Cinnaminson, NJ 08077

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#042503423

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Additional Pages of the Chain of Custody are only necessary if needed for additional sample

IC-006 - 810 Massachusetts ( )

Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)

Sample Number	HA Number	Sample Location	Material Description
9 - A, B, C	HS	FS 1	Heat_Shield - Millboard, white. West end of boiler
10 - A, B, C	VD	FS 24	Vibration_Dampener - Woven, Coarse Textile, White
11 - A, B, C	IB	FS 4, FS 10, FS 11, FS 29	Insulator - Transit debris, from electrical panels
12 - A, B, C	CA	FS 5	Construction_Adhesive - Black, on fiberglass insulation inside air handler
13 - A, B, C	GM	FS 4	Gasket_Material - Pipe Flange gaskets, white, in storage
14 - A, B, C	CB	FS 27	Cove_Base - with Adhesive, Black
15 - A, B, C, D, E	PL	FS 13, FS 22, FS 23, FS 19, FS 20	Plaster - Skim & Base Coat Walls on Wall Board
16 - A, B, C	PL	FS 15, FS 16	Plaster - Base Coat Walls on Brick/Block
17 - A, B, C	WG	FS 21, FS 22	Window_Glaze - Gray, On wood frame of bathroom windows
18 - A, B, C	BM	FS 1-FS 4, FS 13, FS 23, FS 24, FS 27, FS 28	Block_Mortar - Interior Wall Block with Mortar
19 - A, B, C	CC	FS 4	Concrete - Slabs in pump room
20 - A, B, C	CC	EA 1, EA 2, EA 3, EA 4	Concrete - Foundation Walls
21 - A, B, C	RI	FS 29	Rolled_In_Insulation - Yellow fiberglass with thick tar Paper backing
22 - A, B, C	RI	FS 29	Rolled_In_Insulation - Yellow with Foil
23 - A, B, C	RI	FS 29	Rolled_In_Insulation - Pink with Paper
24 - A, B, C	IC	FS 29	Interior_Caulk - Gray, on metal panels on floor
25 - A, B, C	IC	FS 29	Interior_Caulk - Gray, flexible, on Metal door trim at west vestibule
26 - A, B, C	CA	FS 32, FS 41, 42, 44	Construction_Adhesive - Yellow, behind wood paneling
27 - A, B, C	CB	FS 40, FS 43	Cove_Base - with Adhesive, gray/beige
28 - A, B, C	IC	FS 40	Interior_Caulk - Gray, between concrete slabs along north & east walls
29 - A, B, C	CC	FS 40, EA 1, EA 4	Concrete - Slabs, vertical on walls
30 - A, B, C	RI	FS 33, FS 34	Rolled_In_Insulation - Yellow with Paper
31 - A, B, C	PL	FS 27	Plaster - Plaster board, reinforced w/fibers, nailed directly to wood frame
32 - A, B, C	ES	EA 3	Exterior_Siding - Fiberboard, black, for sound proofing behind plaster
33 - A, B, C	ES	EA 3	Exterior_Siding - Stucco on foam, w/construction adhesive

RECEIVED  
 9:22am  
 Feb 5  
 BY: *[Signature]*

Method of Analysis	Date/Time	Sample Condition Upon Receipt	Date/Time
Relinquished by: <i>[Signature]</i>	Date/Time: 02/24/25 10:30 AM	Received by:	Date/Time:
Relinquished by:	Date/Time:	Received by:	Date/Time:





# EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077  
Phone/Fax: (800) 220-3675 / (856) 786-5974  
<http://www.EMSL.com> / [cinnasblab@EMSL.com](mailto:cinnasblab@EMSL.com)

EMSL Order ID: 042505748  
Customer ID: BLNL75  
Customer PO: 240100-IN  
Project ID:

**Attn:** Craig Willey  
Egis BLN USA Inc  
51151 W. Pontiac Trail  
Wixom, MI 48393  
**Phone:** (313) 408-4893  
**Fax:**  
**Collected:** 3/25/2025  
**Received:** 3/27/2025  
**Analyzed:** 4/01/2025  
**Proj:** IC-006 / 810 Massachusetts / Roof / 240100-IN RDA Program

## Summary Test Report for Asbestos Analysis of Bulk Material

**Client Sample ID:** 46-A-Tar Paper **Lab Sample ID:** 042505748-0001  
**Sample Description:** EA 5/Roofing Material - Flat

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	4/01/2025	Black	55.0%	45.0%	None Detected	

**Client Sample ID:** 46-A-Insulation **Lab Sample ID:** 042505748-0001A  
**Sample Description:** EA 5/Roofing Material - Flat

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	4/01/2025	Brown/White/Black	40.0%	60.0%	None Detected	

**Client Sample ID:** 46-A-Tar **Lab Sample ID:** 042505748-0001B  
**Sample Description:** EA 5/Roofing Material - Flat

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	4/01/2025	Black	0.0%	100.0%	None Detected	

**Client Sample ID:** 46-B-Tar Paper **Lab Sample ID:** 042505748-0002  
**Sample Description:** EA 5/Roofing Material - Flat

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	4/01/2025	Black	40.0%	60.0%	None Detected	

**Client Sample ID:** 46-B-Insulation **Lab Sample ID:** 042505748-0002A  
**Sample Description:** EA 5/Roofing Material - Flat

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	4/01/2025	Brown/Black	50.0%	50.0%	None Detected	

**Client Sample ID:** 46-C-Tar Paper **Lab Sample ID:** 042505748-0003  
**Sample Description:** EA 5/Roofing Material - Flat

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	4/01/2025	Black	35.0%	65.0%	None Detected	

**Client Sample ID:** 46-C-Insulation **Lab Sample ID:** 042505748-0003A  
**Sample Description:** EA 5/Roofing Material - Flat

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	4/01/2025	Brown	75.0%	25.0%	None Detected	



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EMSL Order ID: 042505748  
Customer ID: BLNL75  
Customer PO: 240100-IN  
Project ID:

## Summary Test Report for Asbestos Analysis of Bulk Material

**Client Sample ID:** 46-C-Tar **Lab Sample ID:** 042505748-0003B

**Sample Description:** EA 5/Roofing Material - Flat

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	4/01/2025	Black	0.0%	100.0%	None Detected	

**Client Sample ID:** 47-A **Lab Sample ID:** 042505748-0004

**Sample Description:** EA 5/Exterior Caulk - Light Grey - Around Air Handling Unit Perimeter and Used as Patching Seams - Window

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	4/01/2025	Gray	0.0%	100.0%	None Detected	

**Client Sample ID:** 47-B **Lab Sample ID:** 042505748-0005

**Sample Description:** EA 5/Exterior Caulk - Light Grey - Around Air Handling Unit Perimeter and Used as Patching Seams - Window

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	4/01/2025	Gray	0.0%	100.0%	None Detected	

**Client Sample ID:** 47-C **Lab Sample ID:** 042505748-0006

**Sample Description:** EA 5/Exterior Caulk - Light Grey - Around Air Handling Unit Perimeter and Used as Patching Seams - Window

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	4/01/2025	Gray	0.0%	100.0%	None Detected	

**Client Sample ID:** 48-A **Lab Sample ID:** 042505748-0007

**Sample Description:** EA 5/Exterior Caulk - Black - Used as Patch for Brick Mortar

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	4/01/2025	Black	0.0%	100.0%	None Detected	

**Client Sample ID:** 48-B **Lab Sample ID:** 042505748-0008

**Sample Description:** EA 5/Exterior Caulk - Black - Used as Patch for Brick Mortar

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	4/01/2025	Black	0.0%	100.0%	None Detected	

**Client Sample ID:** 48-C **Lab Sample ID:** 042505748-0009

**Sample Description:** EA 5/Exterior Caulk - Black - Used as Patch for Brick Mortar

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	4/01/2025	Black	0.0%	100.0%	None Detected	

**Client Sample ID:** 49-A **Lab Sample ID:** 042505748-0010

**Sample Description:** EA 5/Exterior Caulk - Brown - Used as Patch for Brick Mortar

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	4/01/2025	Brown	0.0%	100.0%	None Detected	



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<http://www.EMSL.com> / [cinnasblab@EMSL.com](mailto:cinnasblab@EMSL.com)

EMSL Order ID: 042505748  
Customer ID: BLNL75  
Customer PO: 240100-IN  
Project ID:

## Summary Test Report for Asbestos Analysis of Bulk Material

**Client Sample ID:** 49-B **Lab Sample ID:** 042505748-0011

**Sample Description:** EA 5/Exterior Caulk - Brown - Used as Patch for Brick Mortar

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	4/01/2025	Brown	0.0%	100.0%	None Detected	

**Client Sample ID:** 49-C **Lab Sample ID:** 042505748-0012

**Sample Description:** EA 5/Exterior Caulk - Brown - Used as Patch for Brick Mortar

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	4/01/2025	Brown	0.0%	100.0%	None Detected	

**Client Sample ID:** 50-A **Lab Sample ID:** 042505748-0013

**Sample Description:** EA 5/Roofing Material - Flashing - Used on Ceramic Caps

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	4/01/2025	Black	0.0%	91.0%	9% Chrysotile	

**Client Sample ID:** 50-B **Lab Sample ID:** 042505748-0014

**Sample Description:** EA 5/Roofing Material - Flashing - Used on Ceramic Caps

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	4/01/2025				Positive Stop (Not Analyzed)	

**Client Sample ID:** 50-C **Lab Sample ID:** 042505748-0015

**Sample Description:** EA 5/Roofing Material - Flashing - Used on Ceramic Caps

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	4/01/2025				Positive Stop (Not Analyzed)	

**Client Sample ID:** 51-A **Lab Sample ID:** 042505748-0016

**Sample Description:** EA 5/Transite - Debris Found

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	4/01/2025	Tan	0.0%	80.0%	20% Chrysotile	

**Client Sample ID:** 51-B **Lab Sample ID:** 042505748-0017

**Sample Description:** EA 5/Transite - Debris Found

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	4/01/2025				Positive Stop (Not Analyzed)	

**Client Sample ID:** 51-C **Lab Sample ID:** 042505748-0018

**Sample Description:** EA 5/Transite - Debris Found

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	4/01/2025				Positive Stop (Not Analyzed)	



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<http://www.EMSL.com> / [cinnasblab@EMSL.com](mailto:cinnasblab@EMSL.com)

EMSL Order ID: 042505748  
Customer ID: BLNL75  
Customer PO: 240100-IN  
Project ID:

## Summary Test Report for Asbestos Analysis of Bulk Material

**Analyst(s):**

Hunter Kelly PLM (6)  
Michael Bocchicchio PLM (13)

**Reviewed and approved by:**

Samantha Rundstrom, 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 is a summary report; official reports are available on LabConnect or upon request and 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. Cinnaminson, NJ NVLAP Lab Code 101048-0, AIHA LAP, LLC-IHLAP Lab 100194, PA ID# 68-00367, LA #04127

Initial report from: 04/01/2025 21:50:30



**Asbestos Bulk Building Materials - Chain of Custody**

EMSL Order Number / Lab Use Only

EMSL ANALYTICAL, INC.  
TESTING LABS • PRODUCTS • TRAINING

042505748

RECEIVED  
EMSL  
CINNAMINSON, NJ

PHONE: (800) 220-3675  
CINNAMINSON, NJ 08077  
EMAIL: CinnAslab@EMSL.com  
MAR 2 PM 12:17

<b>Customer Information</b>	Customer ID: <b>BLNL75</b>		Billing ID: <b>BLNL75</b>	
	Company Name: <b>Egis</b>		Company Name: <b>Egis</b>	
	Contact Name: <b>Craig Willey</b>		Billing Contact: <b>Ryan Jones</b>	
	Street Address: <b>48797 Alpha Drive</b>		Street Address: <b>8320 Craig Street</b>	
	City, State, Zip: <b>Wixom, MI 48393</b>	Country: <b>USA</b>	City, State, Zip: <b>Indianapolis, IN 46250</b>	Country: <b>USA</b>
Phone: <b>(248) 863-2934</b>		Phone: <b>(248) 863-2762</b>		
Email(s) for Report: <b>DETROIT-DEMO-EDD-EMPLOYEES.EGIS-US@egis-group.com</b>		Email(s) for Invoice: <b>Ryan.JONES@egis-group.com; Beth.Senn@egis-group.com</b>		
groud.com				
<b>Project Information</b>				
Project Name/No: <b>IC-006 - 810 Massachusetts (Roof)</b>		Purchase Order: <b>240100-IN RDA Program</b>		
EMSL LMS Project ID: (If applicable, EMSL will provide)		US State where samples collected: <b>MICHIGAN</b>		
		State of Connecticut (CT) must select project location: <input type="checkbox"/> Commercial (Taxable) <input type="checkbox"/> Residential (Non-Taxable)		
Sampled By Name: <b>Keith Ventimiglia</b>		Sampled By Signature: <i>[Signature]</i>	Date Sample: <b>3/25/2025</b>	
			No. of Samples: <b>18</b>	

**Turn-Around-Time (TAT)**

**72 Hours**

Please call ahead for large projects and/or turnaround times 6 Hours or Less. \*32 Hour TAT available for select tests only; samples must be submitted by 11:30am.

Test Selection	
<p><u>PLM - Bulk (reporting limit)</u></p> <p><input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (&lt;1%)</p>	<p><u>TEM - Bulk</u></p> <p>Other Tests (please specify)</p> <div style="border: 1px solid black; padding: 5px; margin: 5px;"> <p>Point Count all samples ≤1% asbestos Point Count NOB material samples ≤1% asbestos by PLM EPA NOB-EPA/600/R-93/116 w/ Gravimetric Reduction (TRU 0.5%)</p> </div>
FedEx #	<input checked="" type="checkbox"/> Positive Stop - Clearly Identified Homogeneous Areas

Sample Number	HA Number	Sample Location	Material Description
46 - A, B, C	RM	EA 5	Roofing_Material - Flat Roof Material
47 - A, B, C		EA 5	Exterior_Caulk-Light Gray - Around an Air Handling Unit perimeter and used as patching seams, Window
48 - A, B, C		EA 5	Exterior_Caulk-Black - Used as a patch for brick mortar
49 - A, B, C		EA 5	Exterior_Caulk-Brown - Used as a patch for brick mortar
50 - A, B, C	RM	EA 5	Roofing_Material - Flashing- Used on ceramic caps
51 - A, B, C	TS	EA 5	Transite - Debris found

Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)

Please provide EDD in CSV format

Method of Shipment: <b>Lab Location 0</b>		Sample Condition Upon Receipt:	
Requested by: <i>[Signature]</i>	Date/Time: <b>3-25-25 18:00</b>	Received by: <i>[Signature]</i>	Date/Time: <b>3/25/25 18:00</b>
Requested by:	Date/Time:	Received by:	Date/Time:

18

---

## **ATTACHMENT 3 – FIGURES**

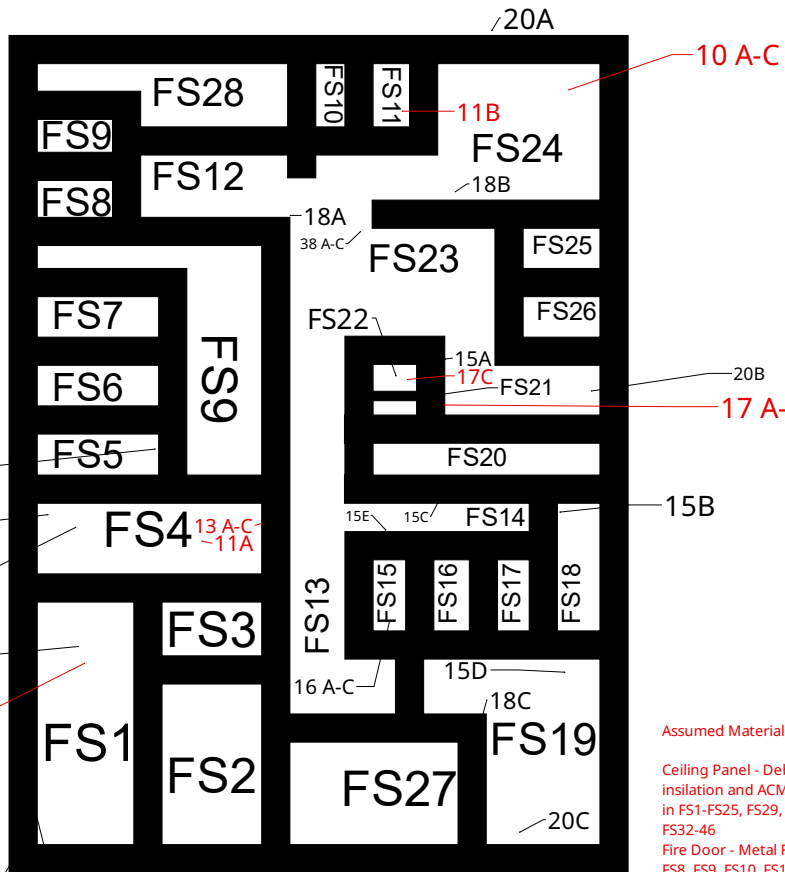
EA3

EA2

EA4

EA1

Massachusetts



Assumed Material

Ceiling Panel - Debris w/ACM pipe insulation and ACM floor tile mixed in FS1-FS25, FS29, FS30, FS31, FS32-46

Fire Door - Metal FS1, FS2, FS3, FS4, FS8, FS9, FS10, FS11, FS27, FS28

Boiler Insulation - Internal boiler components including but not limited to: fire brick, gaskets, insulataion, etc. FS1

Gasket Material - Pipe Flange FS1, FS4, FS10

Valve Packings - Various size valve packings EA1, FS1, FS4, FS10

Basement



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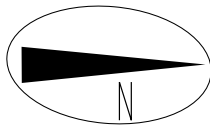


Figure 1 - Basement  
810 Massachusetts  
Gary, Indiana 46407

Approximate Building Area 9,375 SF

DATE:  
3/7/25

DRAWN BY:  
CB

PROJECT NO. 240100

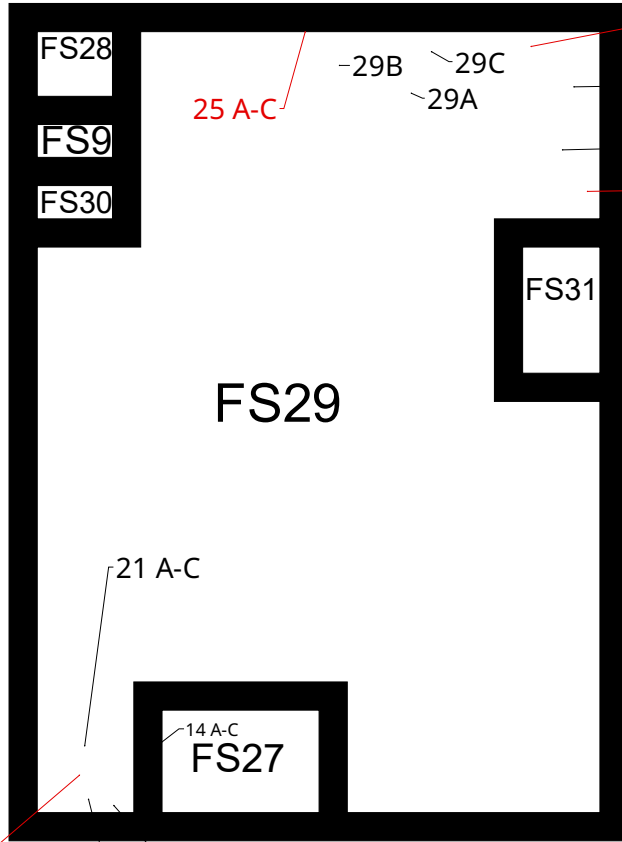
EA3

EA2

EA4

EA1

Massachusetts



Assumed Materials

Ceiling Panel - Debris w/ACM pipe insulation and ACM floor tile mixed in FS1-FS25, FS29, FS30, FS31, FS32-FS46  
 Fire Door Metal FS1, FS2, FS3, FS4, FS8, FS9, FS10, FS11, FS27, FS28

First Floor



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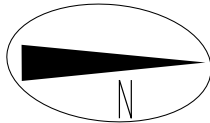


Figure 2 - First Floor  
 810 Massachusetts  
 Gary, Indiana 46407

Approximate Building Area 9,375 SF

DATE: 3/7/25	DRAWN BY: CB	PROJECT NO. 240100
-----------------	-----------------	--------------------

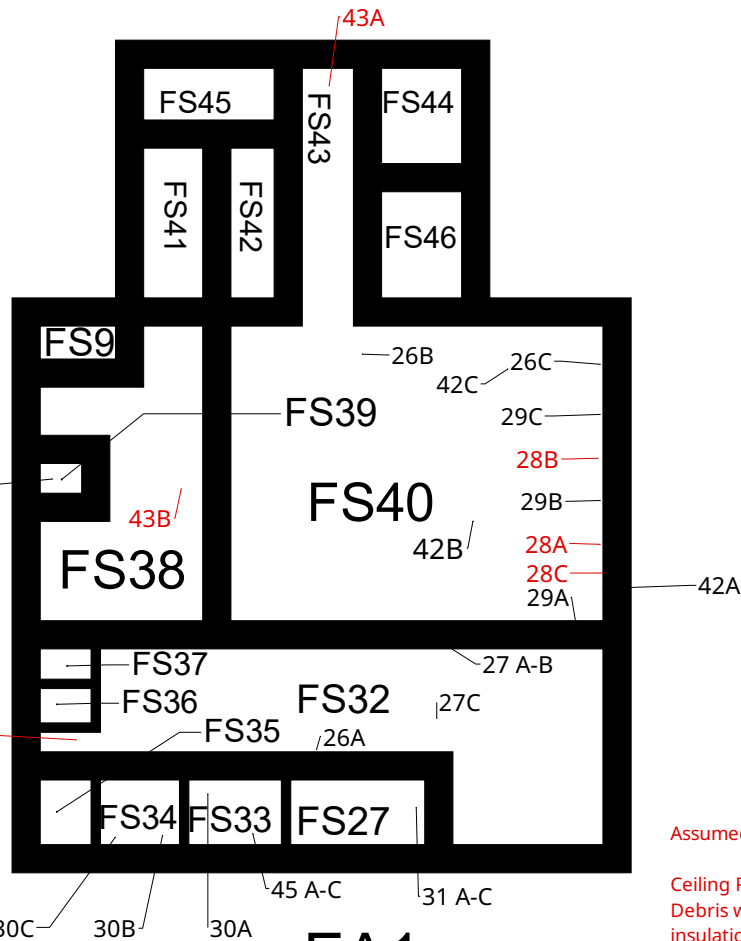
EA3

EA2

EA4

Massachusetts

EA1



Assumed Materials

Ceiling Panel -  
 Debris w/ACM pipe  
 insulation and ACM  
 floor tile mixed in  
 FS1-FS25, FS29,  
 FS30, FS31, FS32-  
 FS46

Second Floor / Skybridge

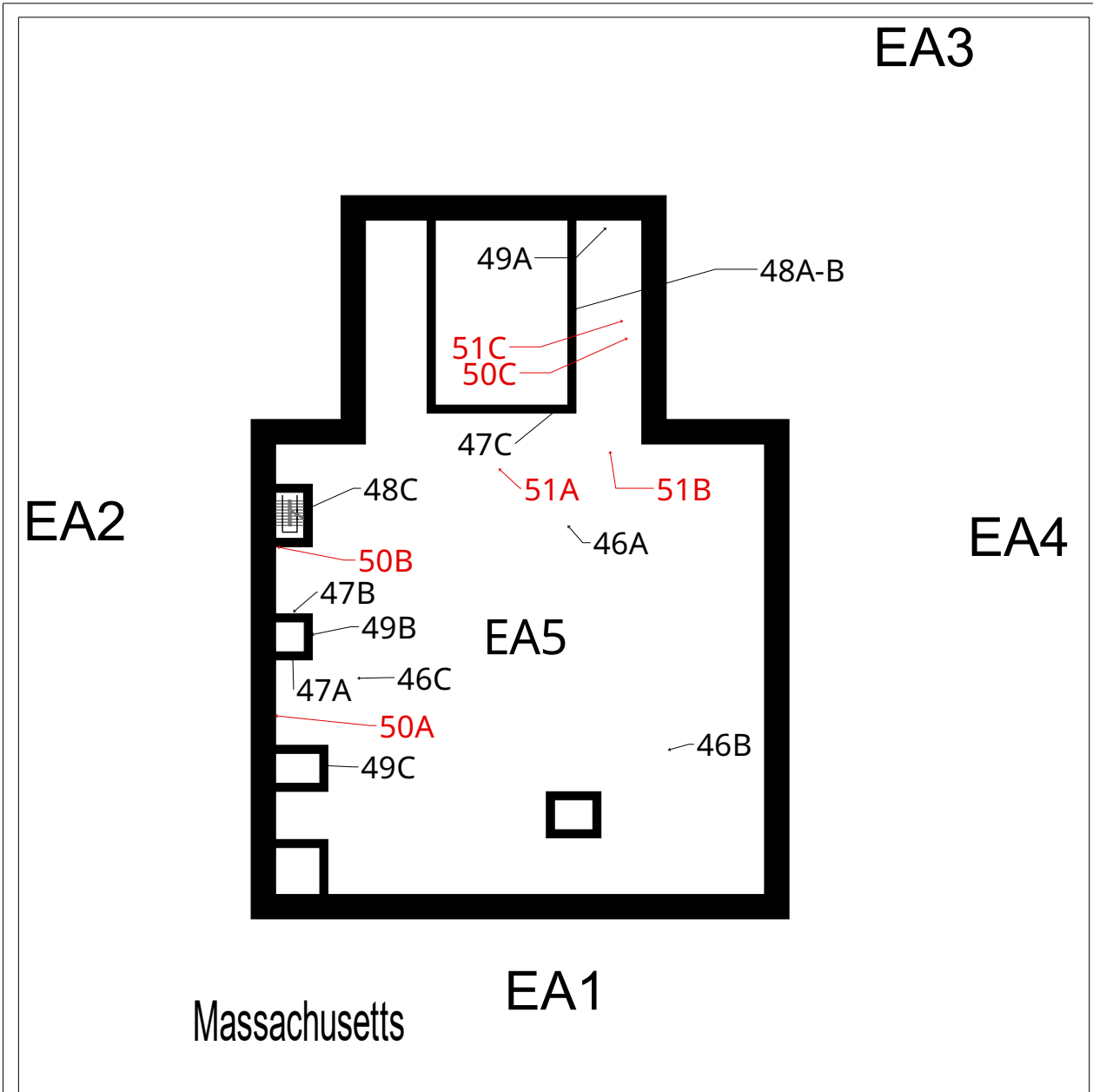
Approximate Building Area 10,875 SF



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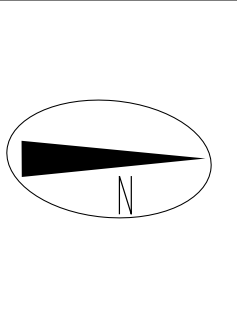
Figure 3 - Second Floor  
 810 Massachusetts  
 Gary, Indiana 46407

DATE: 3/7/25	DRAWN BY: CB	PROJECT NO. 240100
-----------------	-----------------	--------------------



Roof / Skybridge

Approximate Building Area 10,875 SF



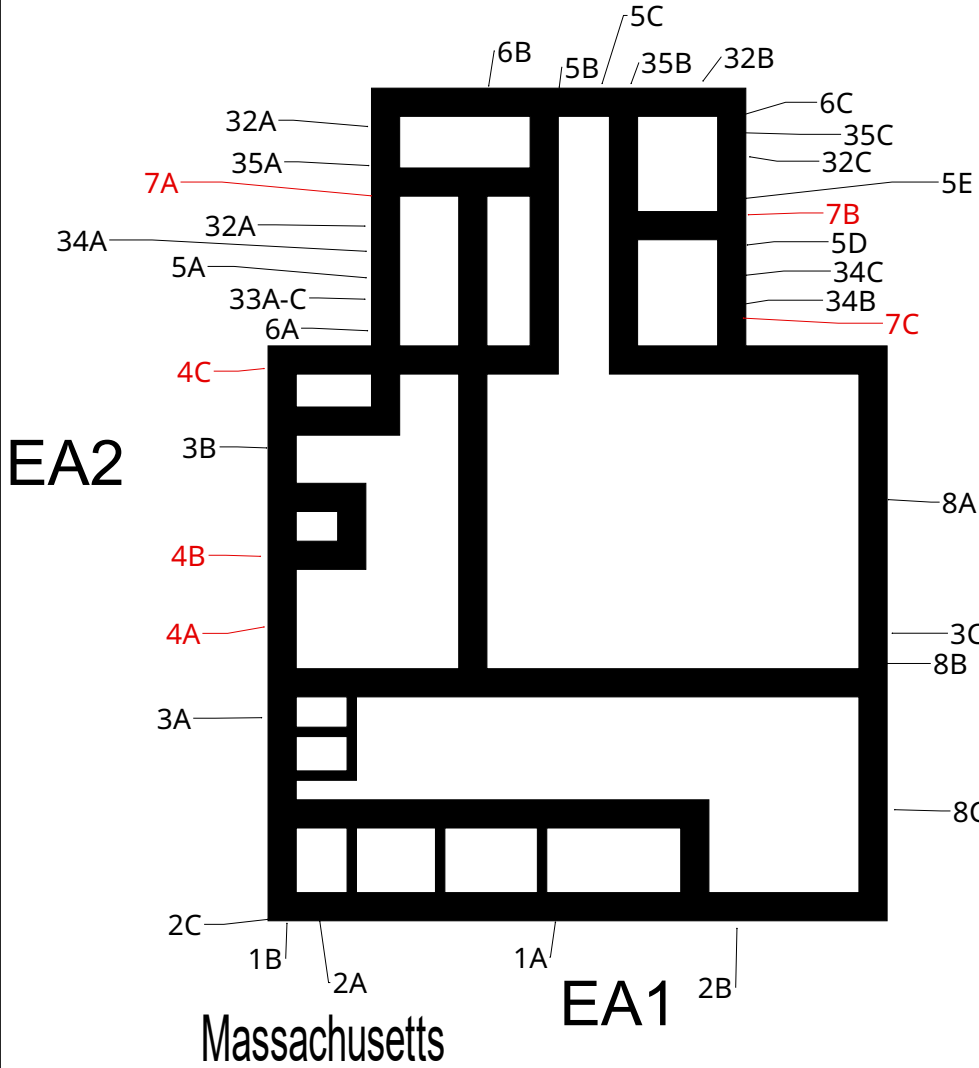
**egis**

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Figure 4 - Roof  
810 Massachusetts  
Gary, Indiana 46407

DATE: 3/7/25	DRAWN BY: CB	PROJECT NO. 240100
-----------------	-----------------	--------------------

EA3



Assumed Materials

- Exterior Caulk - On concrete panel siding EA1, EA4
- Valve Packings - Various size valve packings EA1, FS1, FS4, FS10
- Gasket Material - On Exterior Hose Pipe Penetration EA1

EA2

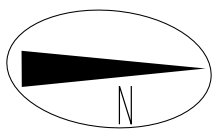
EA4

Massachusetts

EA1

Exterior / Skybridge

Approximate Building Area 10,875 SF



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Figure 5 - Exterior  
810 Massachusetts  
Gary, Indiana 46407

DATE: 3/7/25	DRAWN BY: CB	PROJECT NO. 240100
-----------------	-----------------	--------------------

## **ATTACHMENT 4 – PHOTOGRAPHIC LOG**

# City of Gary Commercial Blight Elimination Program Exterior & Functional Spaces

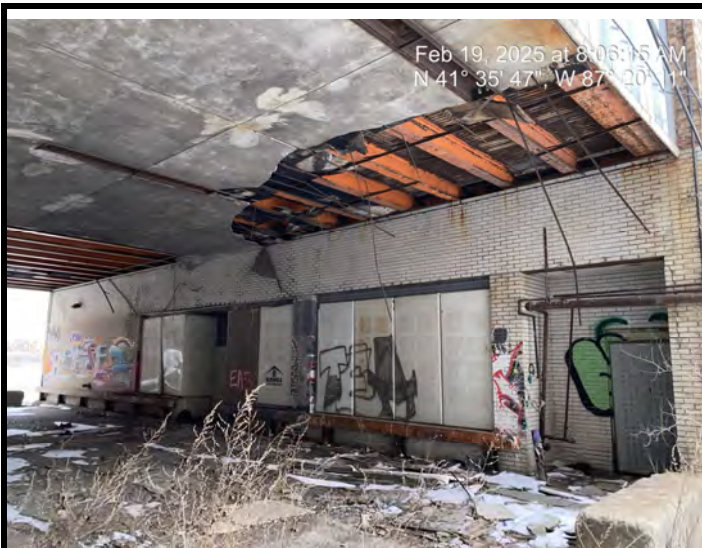
810 Massachusetts Gary, IN



EA-1 Porch



EA-2 Left Side



EA-3 Back of house



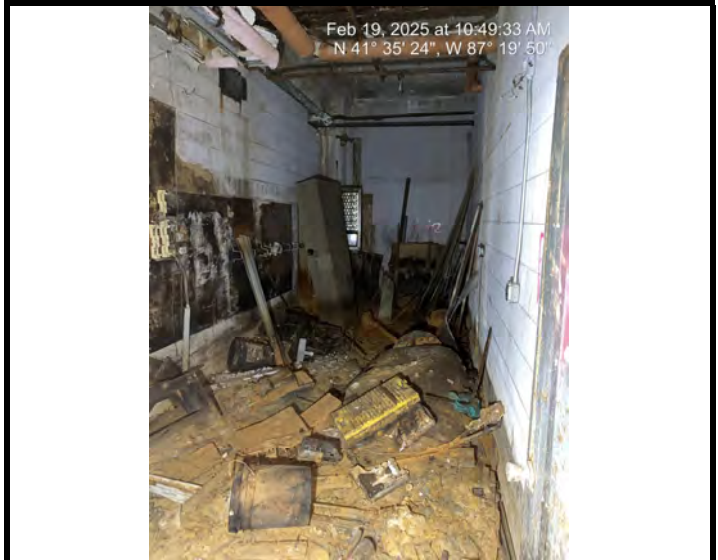
EA-4 Right Side

# City of Gary Commercial Blight Elimination Program Exterior & Functional Spaces

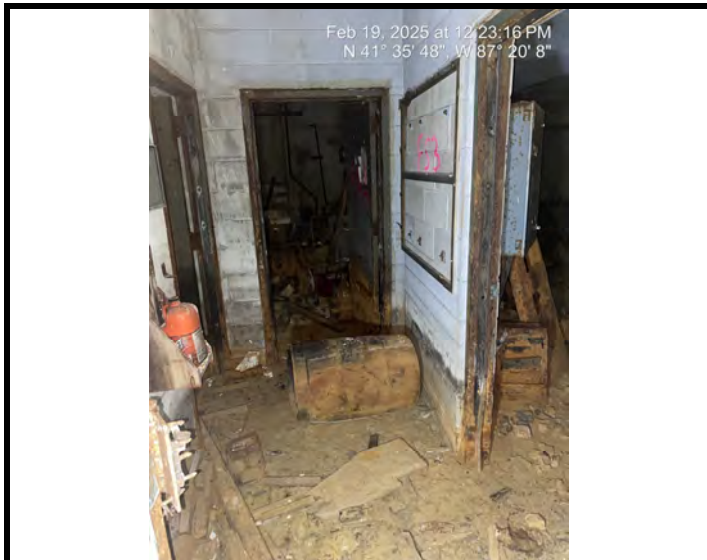
810 Massachusetts Gary, IN



FS-1      Basement



FS-2      Basement



FS-3      Basement



FS-4      Basement

**City of Gary Commercial Blight Elimination Program  
Exterior & Functional Spaces**

**810 Massachusetts Gary, IN**



FS-4 (B) Basement



FS-4 (C) Basement



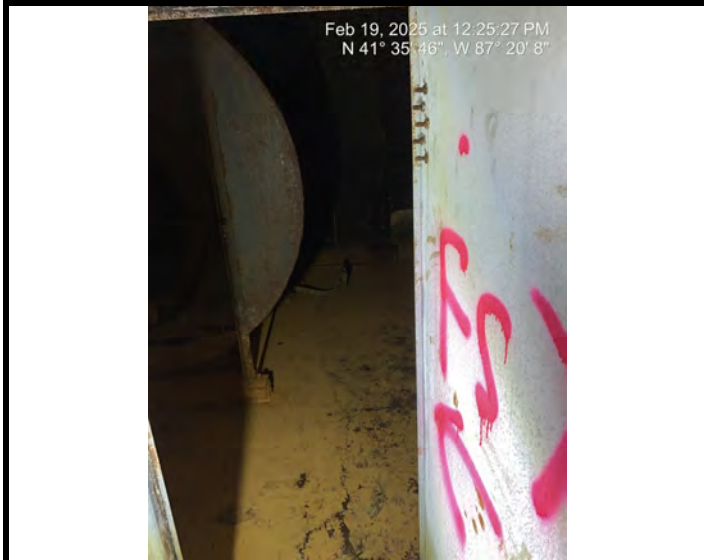
FS-5 Basement



FS-6 Basement

City of Gary Commercial Blight Elimination Program  
Exterior & Functional Spaces

810 Massachusetts Gary, IN



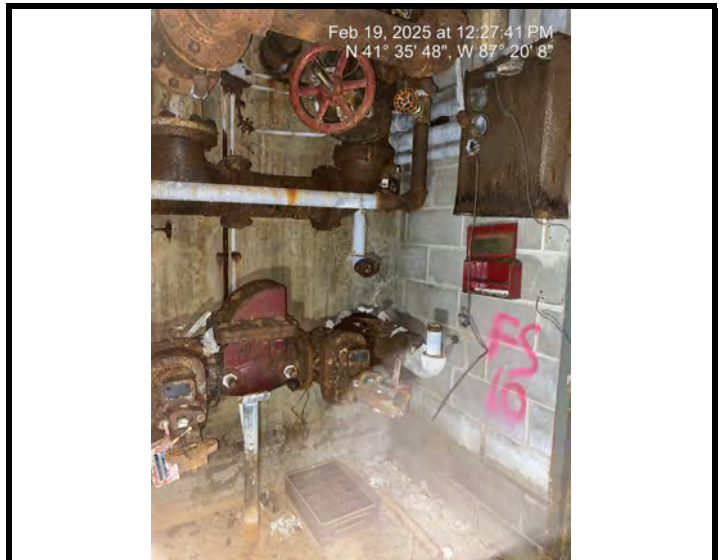
FS-7 Basement



FS-8 Basement



FS-9 Basement



FS-10 Basement

## City of Gary Commercial Blight Elimination Program Exterior & Functional Spaces

810 Massachusetts Gary, IN



FS-11 Basement



FS-12 Basement



FS-13 Basement



FS-14 Basement

City of Gary Commercial Blight Elimination Program  
Exterior & Functional Spaces

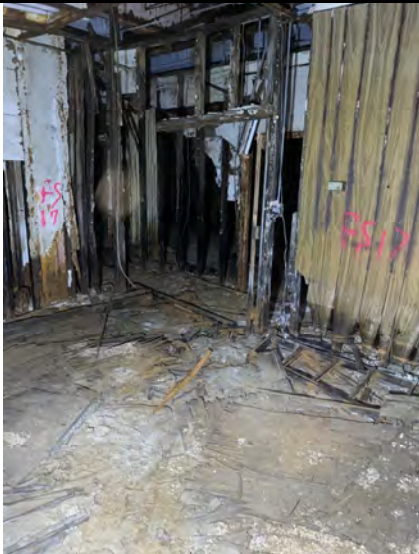
810 Massachusetts Gary, IN



FS-15 Basement



FS-16 Basement



FS-17 Basement



FS-18 Basement

## City of Gary Commercial Blight Elimination Program Exterior & Functional Spaces

810 Massachusetts Gary, IN



FS-19 Basement



FS-20 Basement



FS-21 Basement



FS-22 Basement

# City of Gary Commercial Blight Elimination Program Exterior & Functional Spaces

810 Massachusetts Gary, IN



FS-23 Basement



FS-23 (B) Basement



FS-24 Basement



FS-24 (B) Basement

## City of Gary Commercial Blight Elimination Program Exterior & Functional Spaces

810 Massachusetts Gary, IN



FS-25 Basement



FS-26 Basement



FS-27 1st Floor



FS-27 (B) 1st Floor

**City of Gary Commercial Blight Elimination Program  
Exterior & Functional Spaces**

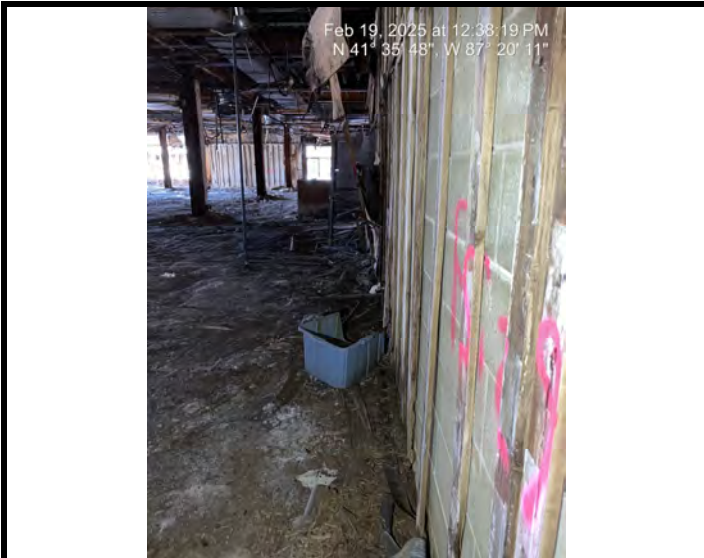
**810 Massachusetts Gary, IN**



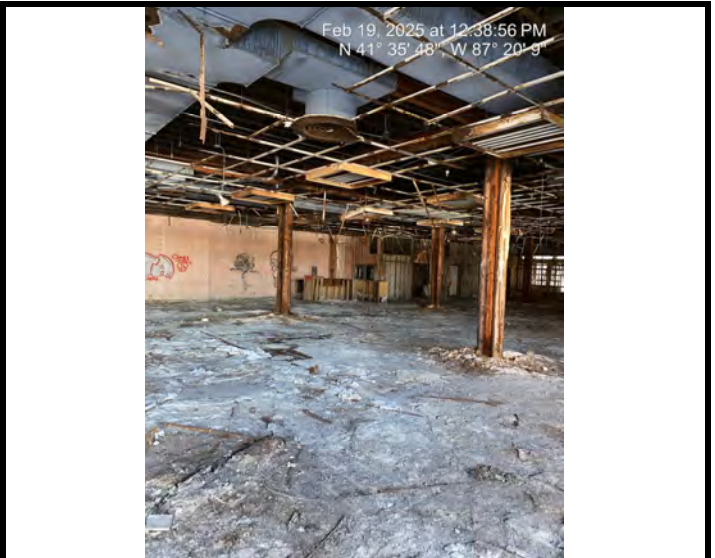
FS-28 1st Floor



FS-28 (B) 1st Floor



FS-29 1st Floor



FS-29 (B) 1st Floor

City of Gary Commercial Blight Elimination Program  
Exterior & Functional Spaces

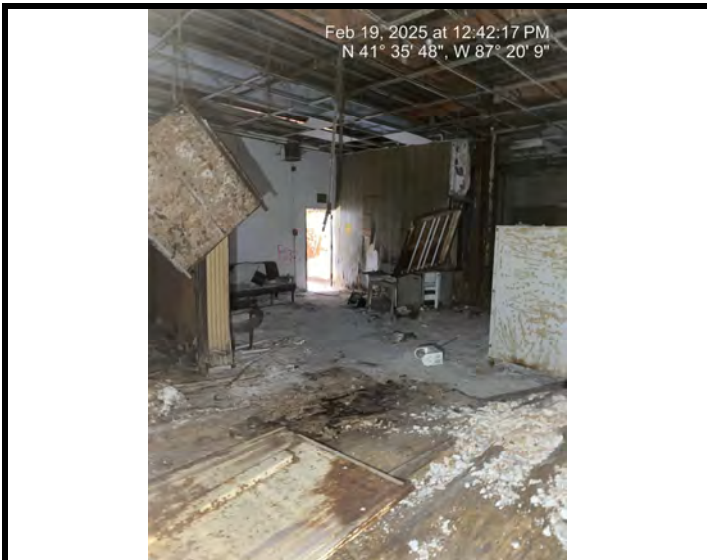
810 Massachusetts Gary, IN



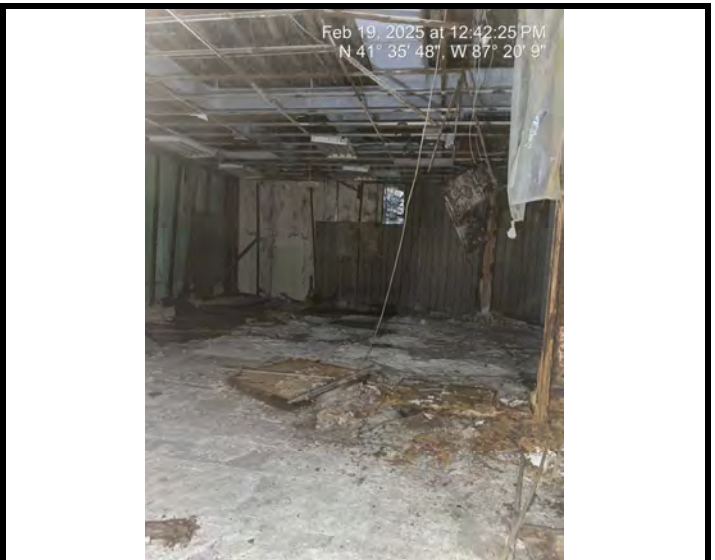
FS-30 1st Floor



FS-31 1st Floor



FS-32 2nd Floor



FS-32 (B) 2nd Floor

City of Gary Commercial Blight Elimination Program  
Exterior & Functional Spaces

810 Massachusetts Gary, IN



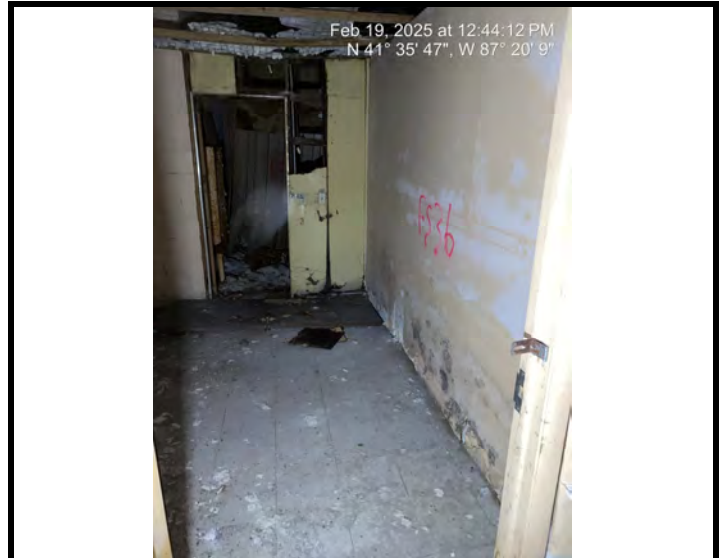
FS-33 2nd Floor



FS-34 2nd Floor



FS-35 2nd Floor



FS-36 2nd Floor

City of Gary Commercial Blight Elimination Program  
Exterior & Functional Spaces

810 Massachusetts Gary, IN



FS-37 2nd Floor



FS-38 2nd Floor



FS-39 2nd Floor



FS-40 2nd Floor

**City of Gary Commercial Blight Elimination Program  
Exterior & Functional Spaces**

**810 Massachusetts Gary, IN**



FS-40 (B) 2nd Floor



FS-40 (C) 2nd Floor



FS-41 2nd Floor



FS-42 2nd Floor

City of Gary Commercial Blight Elimination Program  
Exterior & Functional Spaces

810 Massachusetts Gary, IN



FS-43 2nd Floor



FS-44 2nd Floor



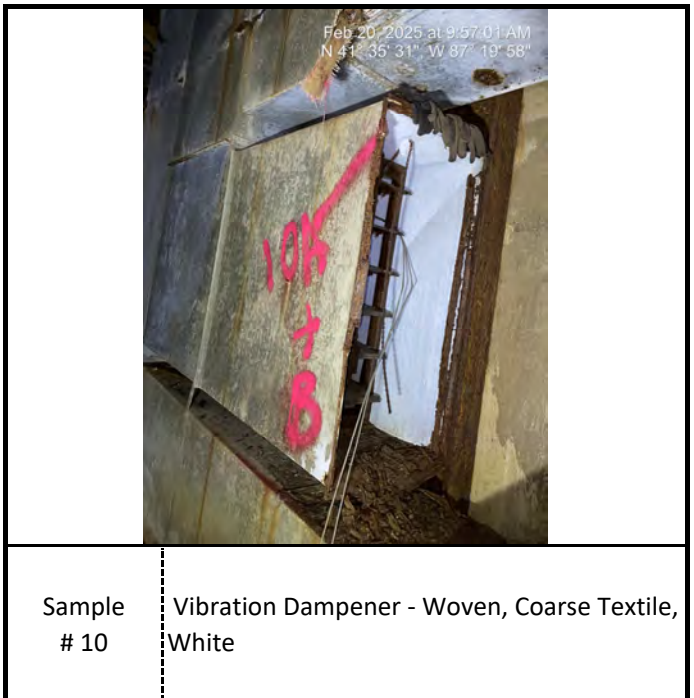
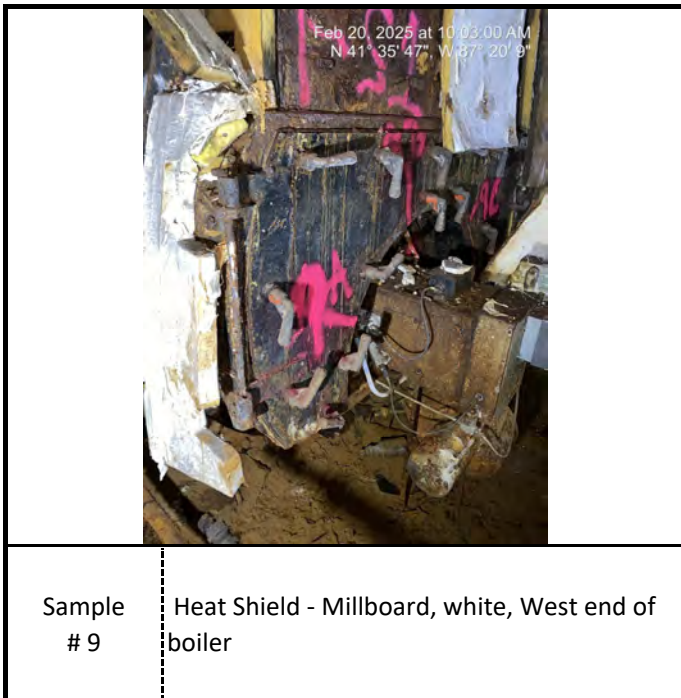
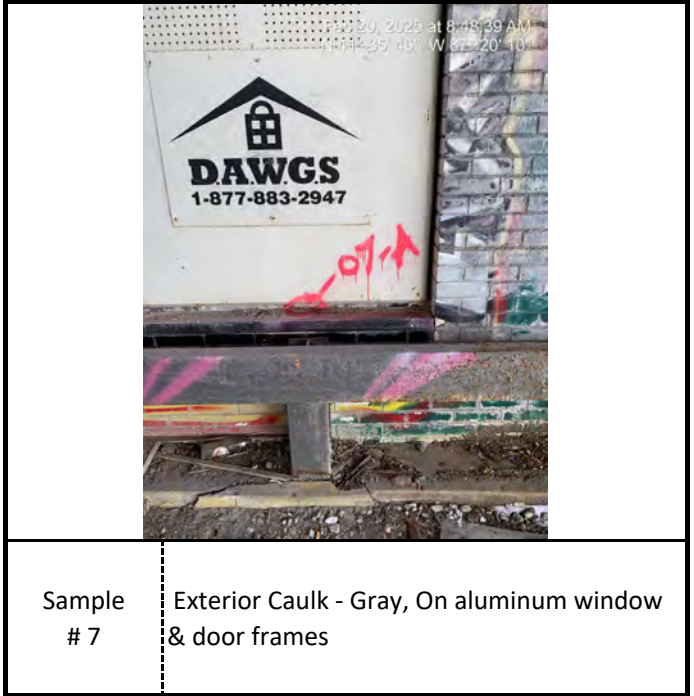
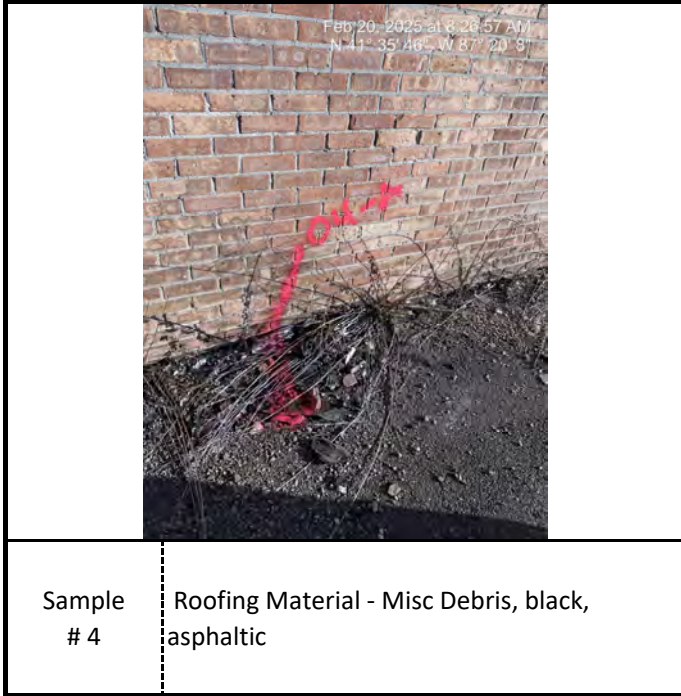
FS-45 2nd Floor



FS-46 2nd Floor

**City of Gary Commercial Blight Elimination Program  
Asbestos Containing Samples**

**810 Massachusetts Gary, IN**



City of Gary Commercial Blight Elimination Program  
Asbestos Containing Samples

810 Massachusetts Gary, IN



Sample # 11 Insulator - Transite debris, from electrical panels



Sample # 13 Gasket Material - Pipe Flange gaskets, white, in storage



Sample # 17 Window Glaze - Gray, On wood frame of bathroom windows



Sample # 24 Interior Caulk - Gray, on metal panels on floor

**City of Gary Commercial Blight Elimination Program  
Asbestos Containing Samples**

**810 Massachusetts Gary, IN**



Sample # 25 Interior Caulk - Gray, flexible, on Metal door trim at west vestibule



Sample # 28 Interior Caulk - Gray, between concrete slabs along north & east walls




Sample # 36 Interior Caulk - Black/Gray, on metal door frame at east vestibule





Sample # 43 Flooring - 12X12 Floor Tile with Mastic & Glue


**City of Gary Commercial Blight Elimination Program  
Asbestos Containing Samples**

**810 Massachusetts Gary, IN**

	
<p>Sample # 50</p>	<p>Roofing Material - Flashing- Used on ceramic caps</p>

	
<p>Sample # 51</p>	<p>Transite - Debris found</p>

	
<p>Assumed Material # A-1</p>	<p>Exterior Caulk - on concrete panel siding</p>

	
<p>Assumed Material # A-2</p>	<p>Ceiling Panel - Debris w/ACM pipe insulation and ACM floor tile mixed in</p>

## City of Gary Commercial Blight Elimination Program Asbestos Containing Samples

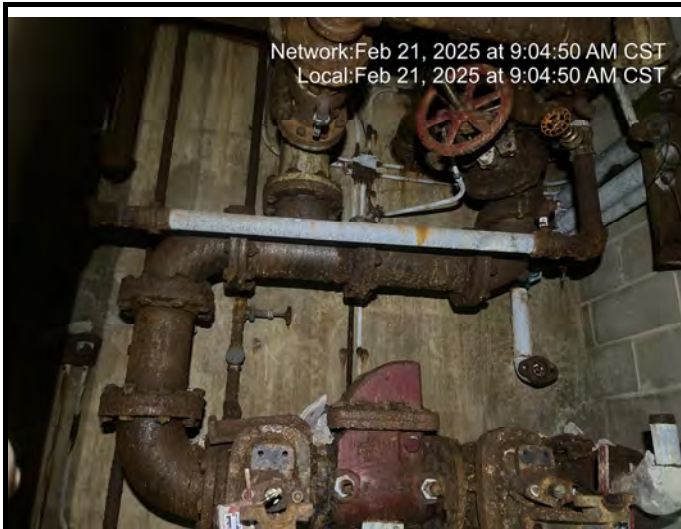
### 810 Massachusetts Gary, IN



Assumed Material # A-3	Fire Door - Metal
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Assumed Material # A-4	Boiler Insulation - Internal boiler components including but not limited to; fire brick, gaskets, insulation, etc.
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Assumed Material # A-5	Gasket Material - Pipe Flange
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Assumed Material # A-6	Valve Packings - Various size valve packings
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**City of Gary Commercial Blight Elimination Program  
Asbestos Containing Samples**

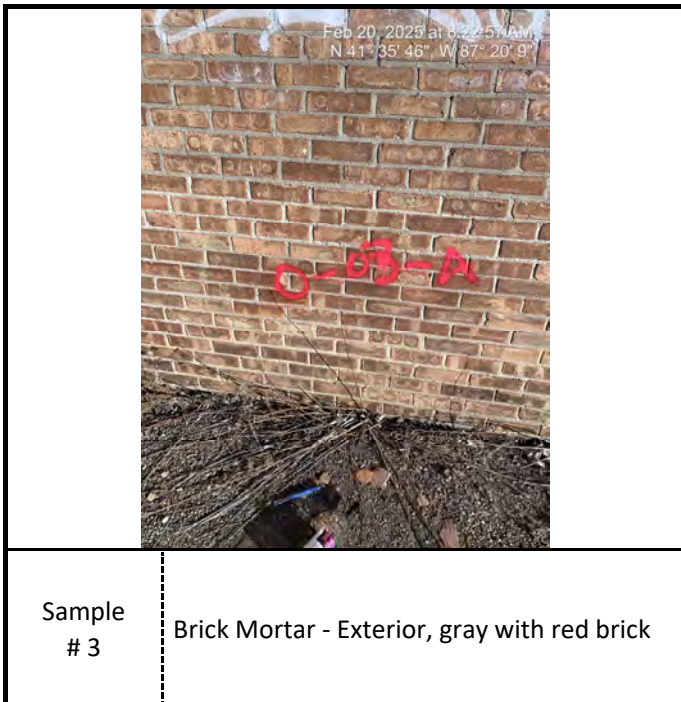
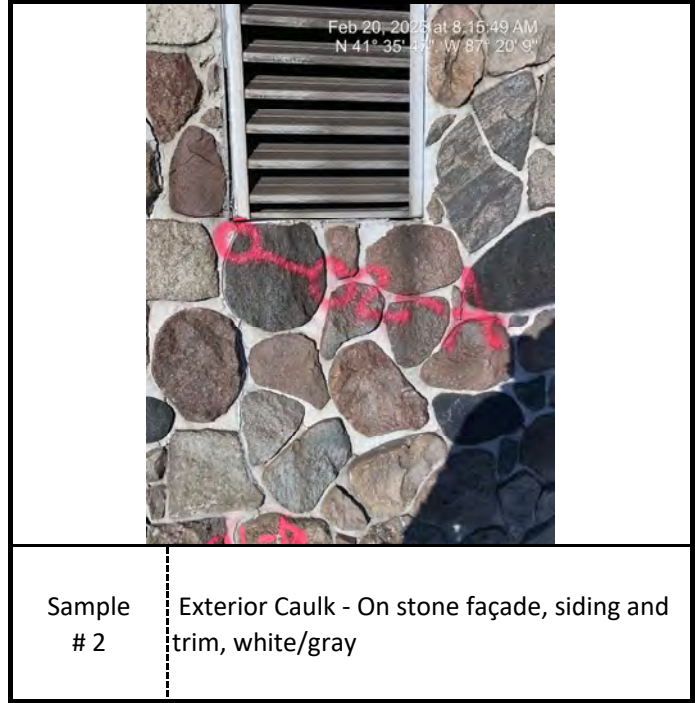
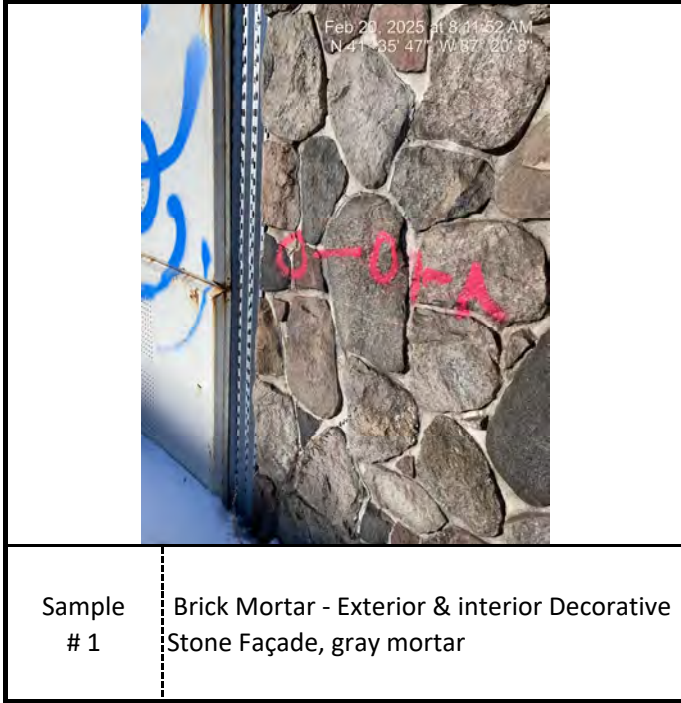
**810 Massachusetts Gary, IN**

	
Assumed Material # A-7	Gasket Material - On Exterior Hose Pipe Penetration




# City of Gary Commercial Blight Elimination Program Non-Detect Samples

810 Massachusetts Gary, IN



## City of Gary Commercial Blight Elimination Program Non-Detect Samples

810 Massachusetts Gary, IN



Sample # 6      Brick Mortar - Exterior, gray with white glazed brick



Sample # 8      Ceramic Tile - w/ Grout & Mortar, gray/white/yellow



Sample # 12      Construction Adhesive - Black, on fiberglass insulation inside air handler



Sample # 14      Cove Base - with Adhesive, Black

City of Gary Commercial Blight Elimination Program  
Non-Detect Samples

810 Massachusetts Gary, IN



Feb 20, 2025 at 10:56:55 AM  
N 41° 35' 21", W 87° 19' 46"

Sample # 15 Plaster - Skim & Base Coat Walls on Wall Board



Feb 20, 2025 at 10:54:44 AM  
N 41° 35' 21", W 87° 19' 45"

Sample # 16 Plaster - Base Coat Walls on Brick/Block



Feb 20, 2025 at 11:19:03 AM  
N 41° 35' 52", W 87° 20' 11"

Sample # 18 Block Mortar - Interior Wall Block with Mortar



Feb 20, 2025 at 10:36:34 AM  
N 41° 35' 21", W 87° 19' 49"

Sample # 19 Concrete - Slabs in pump room

**City of Gary Commercial Blight Elimination Program  
Non-Detect Samples**

**810 Massachusetts Gary, IN**



Sample # 20 Concrete - Foundation Walls



Sample # 21 Rolled In Insulation - Yellow fiberglass with thick tar Paper backing



Sample # 22 Rolled In Insulation - Yellow with Foil



Sample # 23 Rolled In Insulation - Pink with Paper

City of Gary Commercial Blight Elimination Program  
Non-Detect Samples

810 Massachusetts Gary, IN



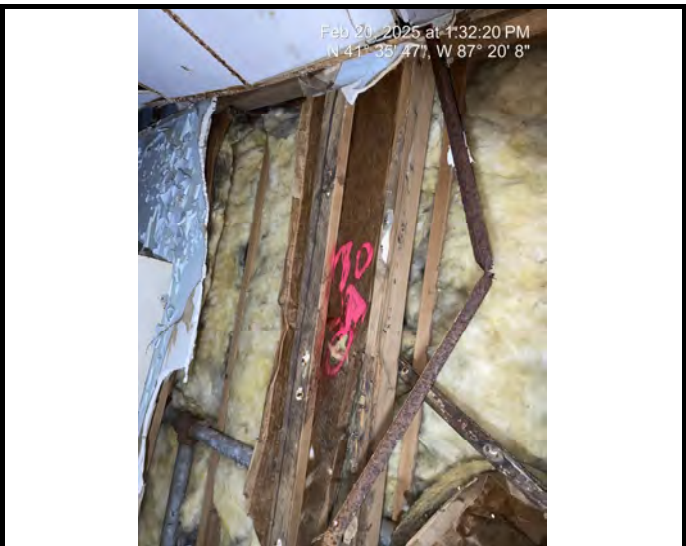
Sample # 26 Construction Adhesive - Yellow, behind wood paneling



Sample # 27 Cove Base - with Adhesive, gray/beige



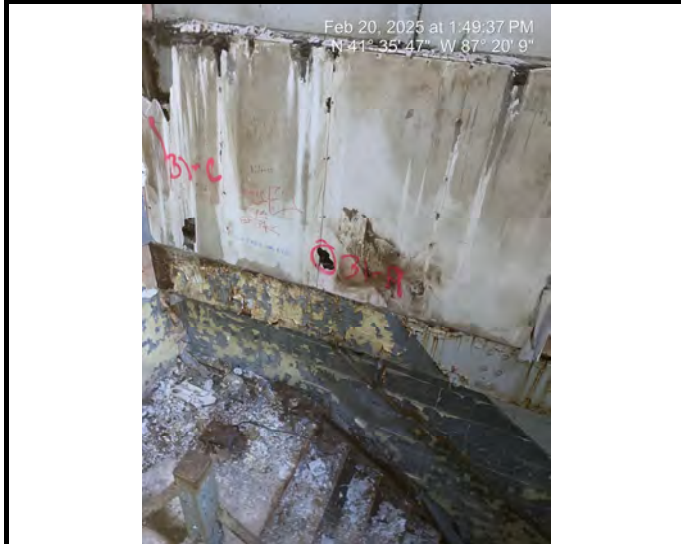
Sample # 29 Concrete - Slabs, vertical on walls



Sample # 30 Rolled In Insulation - Yellow with Paper

# City of Gary Commercial Blight Elimination Program Non-Detect Samples

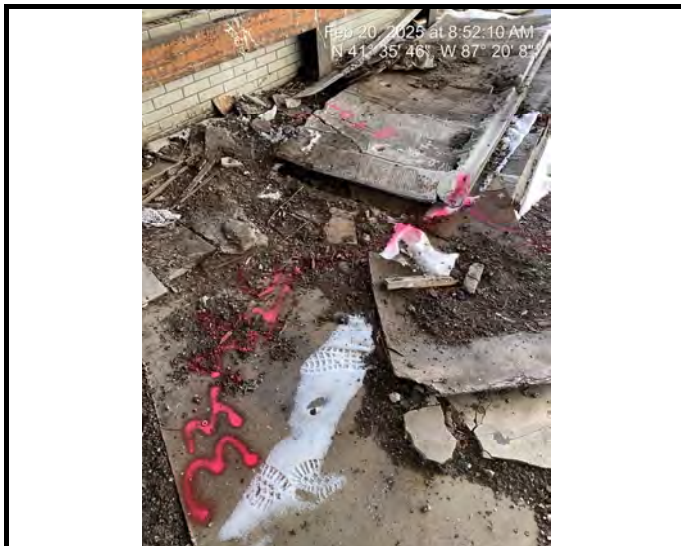
## 810 Massachusetts Gary, IN



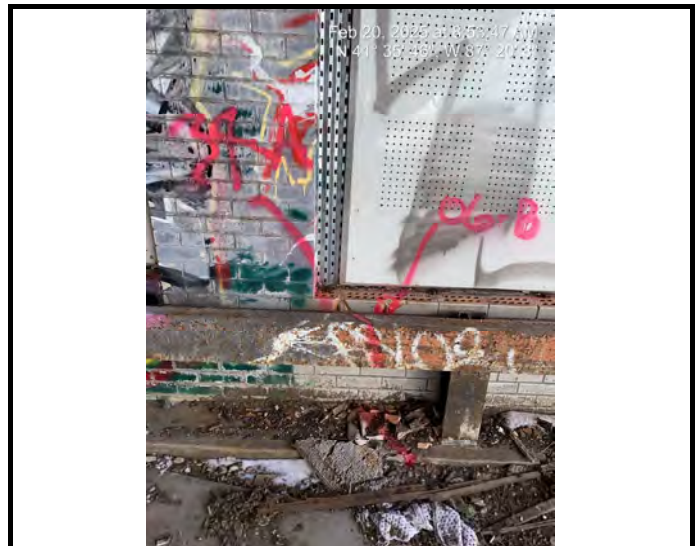
Sample # 31      Plaster - Plaster board, reinforced w/fibers, nailed directly to wood frame



Sample # 32      Exterior Siding - Fiberboard, black, for sound proofing behind plaster



Sample # 33      Exterior Siding - Stucco on foam, w/construction adhesive



Sample # 34      Concrete - Curbs/blocks

City of Gary Commercial Blight Elimination Program  
Non-Detect Samples

810 Massachusetts Gary, IN



Sample  
# 35

Asphalt Paving - Driveway



Sample  
# 37

Boiler Insulation, exterior - Fiberglass with  
Foil



Sample  
# 38

Construction Adhesive - Gray on cinder block



Sample  
# 39

Brick Mortar - Boiler chimney

# City of Gary Commercial Blight Elimination Program Non-Detect Samples

810 Massachusetts Gary, IN



Sample # 40      Stack Cement - Chimney at Mechanical Exhausts



Sample # 41      Flooring - Terrazzo, cream colored, at east vestibule



Sample # 42      Expansion Joint - Black , at joints between concrete slabs, behind caulk.



Sample # 44      Insulator - Fiberglass sound proofing

City of Gary Commercial Blight Elimination Program  
Non-Detect Samples

810 Massachusetts Gary, IN



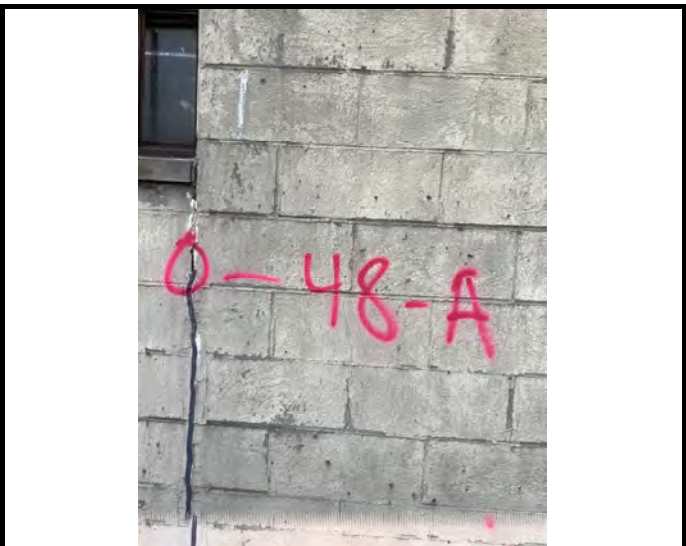
Sample # 45 Duct Insulation - Fiberglass/horse hair w/plastic



Sample # 46 Roofing Material - Flat Roof Material



Sample # 47 Exterior Caulk-Light Gray - Around an Air Handling Unit perimeter and used as patching seams, Window



Sample # 48 Exterior Caulk- Black - Used as a patch for brick mortar

City of Gary Commercial Blight Elimination Program  
Non-Detect Samples

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Sample # 49 Exterior Caulk- Brown - Used as a patch for brick mortar