

Michael Baker

I N T E R N A T I O N A L

Airside Office Park
100 Airside Drive
Moon Township, PA 15108

Hazardous Material Report for the Former Lake Orion Lumber Yard



**Prepared for:
Village of Lake Orion
Downtown Development Authority**

Date: April 11, 2024

April 11, 2024

Village of Lake Orion Downtown Development Authority
Matthew Gibb
Executive Director
118 N Broadway Street
Lake Orion, MI 48362

Re: Pre-Demolition Hazardous Materials and Asbestos Survey

Dear Matthew Gibb:

I am pleased to provide you with this letter report, detailing the environmental sampling services that Michael Baker International, Inc. (Michael Baker) has recently provided for your department.

Scope of Work

Michael Baker was requested to conduct limited hazardous material inspections for the presence of asbestos-containing materials (ACM), lead-containing paint (LCP), and other hazardous materials within thirty-two (32) buildings of the former Lake Orion Lumber Yard, located at 215 South Broadway, in the village of Lake Orion, Oakland County, in Michigan. The purpose of the inspection was to meet the requirements of the United States Environmental Protection Agency (USEPA), State of Michigan, and the National Emission Standards for Hazardous Air Pollutants (NESHAP) standards. The NESHAP standard (40 CFR, Part 61) requires that an asbestos inspection be conducted prior to renovation/demolition activities of any structure or dwelling. The buildings that were inspected during this project were Buildings 1-17, 18A, 18B, 19A, 19B, 20A, 20B, 21A, 21B, 22, 23, 24, 25A, 25B, 25C, and 26.

Field Visit Investigation

The survey was conducted during February 29 and March 1, 2024, by a Michigan-licensed Asbestos Inspector (Gary R. Case – Michigan License A13352). The Michael Baker field inspector identified fifty-three (53) suspected building materials from the trailers. The bulk material samples were collected and analyzed for the presence of asbestos. Samples were submitted using chain-of-custody documentation to EMSL Analytical, Inc. in Cinnaminson, New Jersey. EMSL is accredited by the American Industrial Hygiene Association (AIHA) and the U.S. National Institute of Standards and Technology, under the National Voluntary Laboratory Accreditation Program (NIST/NVLAP) for bulk material analysis for asbestos. The bulk asbestos samples were analyzed by Polarized Light Microscopy (PLM), Environmental Protection Agency (EPA) Method for Determination of Asbestos in Bulk Building Materials, EPA/600/R-93/116 (7/93 Edition). The specific information for all of the building components that were sampled as suspected ACM is provided in Attachment A.

I N T E R N A T I O N A L

Matthew Gibb

April 11, 2024

Page 2

Findings and Recommendations*Asbestos Survey*

As for the building materials recorded in Table 1 which is the Summary of ACM, the laboratory analyses of the material samples indicated that three (3) of the sampled materials contained asbestos greater than the EPA criteria level of 1% asbestos by weight and/or in accordance with USEPA NESHAP regulations. The final laboratory analytical report for these samples is submitted to confirm this determination and is contained in Attachment B.

The ACM is listed below.

Building	Material Number	Material	Location(s)	Quantity
1	#11	Thermal Insulation Board (White)	Room 1	4 Square Feet
1	#15	Vinyl Floor Tile and Floor Adhesive (12"x12" White VFT & Black FA)	Room 3	20 Square Feet
24	#49	Asphaltic Roofing Material (Gray Rolled Sheeting and Tar Materials)	Roof	600 Square Feet

While the materials can be managed in-place with little potential hazard, due to the proposed demolition project, all of the ACM that will be impacted or disturbed should be safely removed and disposed of, accordingly, by an asbestos abatement firm that is licensed by the State of Michigan. Abatement plans for the regulated ACM should be designed in accordance with USEPA and other federal, state, and local regulations and/or using appropriate guidelines by an Asbestos Project Designer. All abatement activities should be overseen and managed by an experienced and licensed Asbestos Supervisor. Removal notifications, activities, and disposal must be completed in accordance with USEPA (40 CFR Part 61), OSHA (29 CFR 1926.1101), and Michigan regulations, as well as other applicable federal, state, and local regulations.

Paint Survey

Based upon the age of the selected buildings, the buildings contain building components that are coated with LCP (see Table 2). The exterior and interiors of the selected buildings had areas of damaged or deteriorated paint. If the buildings are demolished, the selected contractor should be responsible for the safe and proper handling of the painted items according to all federal, state, and local regulations. All of the activities should be overseen and managed by an experienced supervisor and trained workers. The contractor should comply with the OSHA lead standard, which regulates occupational exposure to lead.

Matthew Gibb
April 11, 2024
Page 3

Other Hazardous Materials Survey

An investigation for evidence of mold, water intrusion, other hazardous materials, safety issues, and other hazards was conducted in the buildings. Several items, such as thermostats and fluorescent lights that may contain mercury, and ballasts that may contain PCBs were searched for throughout the buildings. The results of the investigation for other hazards and the field data to support the following environmental and safety hazard concerns are documented within Table 3. All of the items should be corrected and/or handled prior to the proposed demolition project to ensure that the current building conditions do not represent any safety concerns during the project.

Michael Baker was pleased to assist with this project and to work with your fine employees. Should you have any questions regarding this report, please do not hesitate to contact me at (412) 260-1280.

Sincerely,

MICHAEL BAKER INTERNATIONAL, INC.



Gary R. Case
Project Manager

Attachment(s)


Disclaimer

The information that is presented in this report reflects the conditions that were observed in the building(s) during the time frame this inspection was conducted. Although every effort was made to identify the potential suspect building materials and components, there is no guarantee that additional building materials in these damaged buildings are not present. Conditions may exist in the building(s), such that inaccessible materials may only become apparent during demolition activities. If any hidden, suspicious material is encountered, it is recommended that the material be analyzed to confirm its asbestos content.

FIGURES



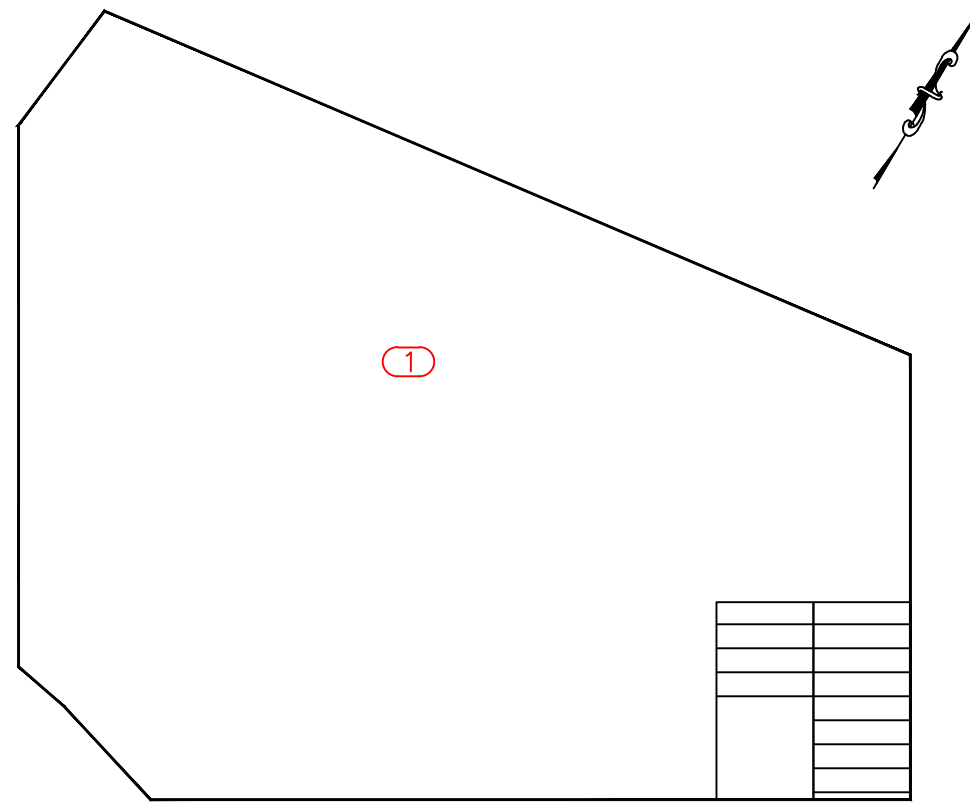
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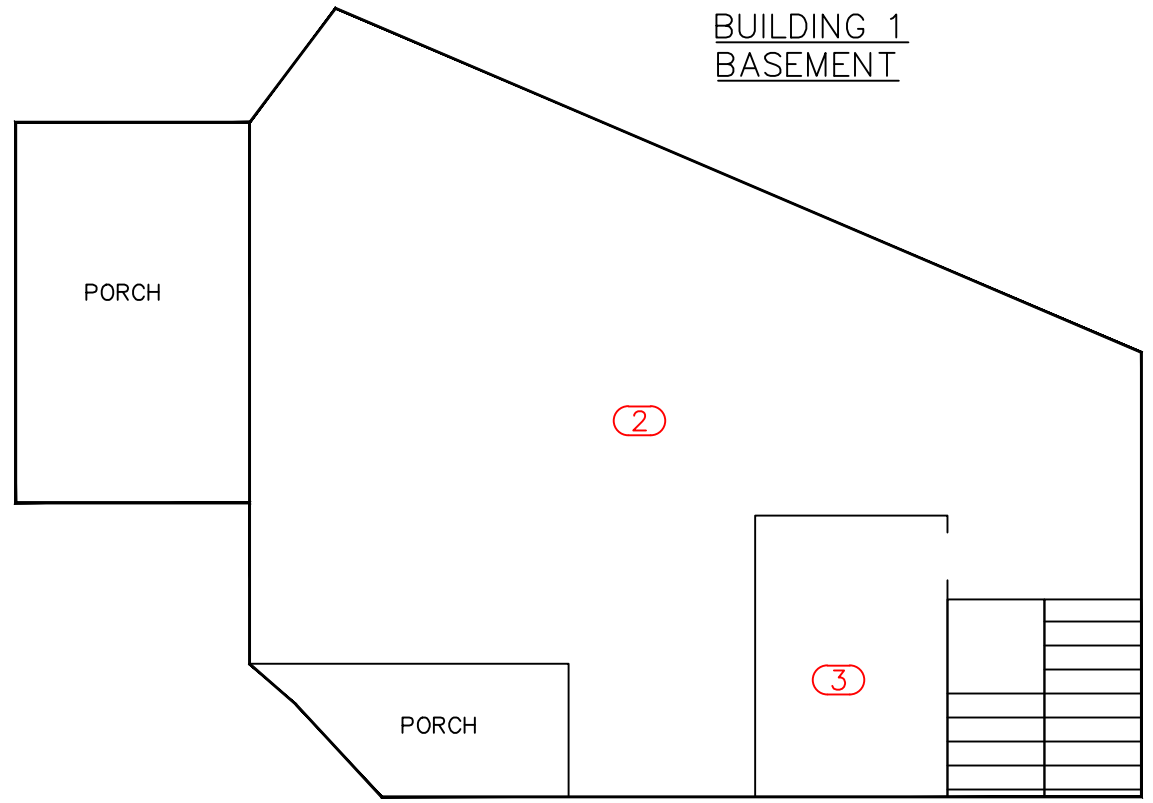
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Michael Baker MICHAEL BAKER INTERNATIONAL
 INTERNATIONAL MOON TOWNSHIP, PENNSYLVANIA

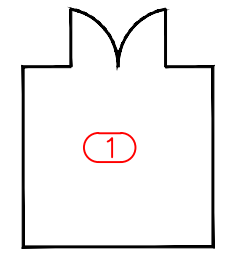
OVERALL BUILDING LAYOUT
 HAZARDOUS MATERIAL SURVEY
 LAKE ORION LUMBER COMPANY
 LAKE ORION, MICHIGAN



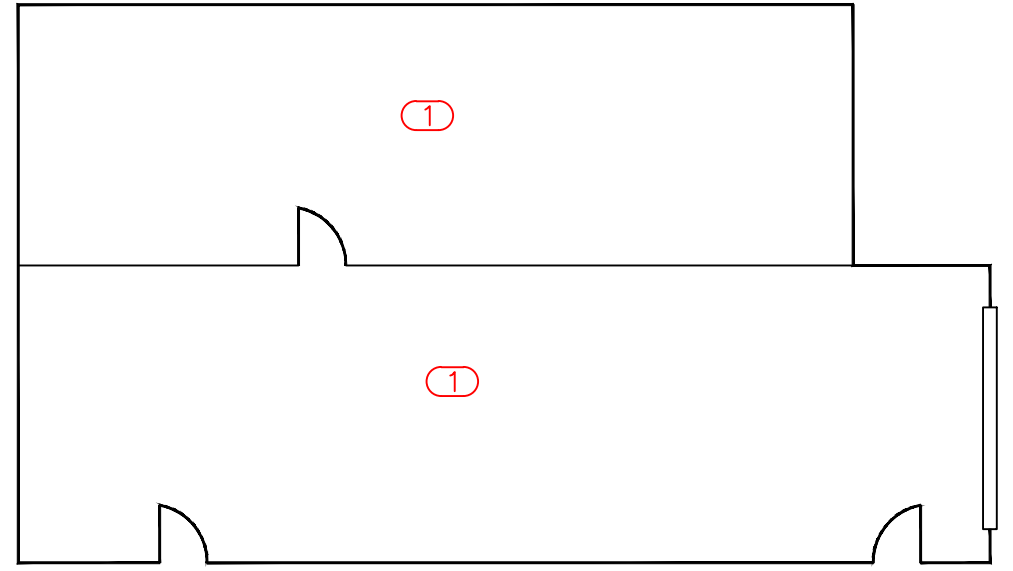
BUILDING 1
BASEMENT



BUILDING 1
FIRST FLOOR



BUILDING 2



BUILDING 3

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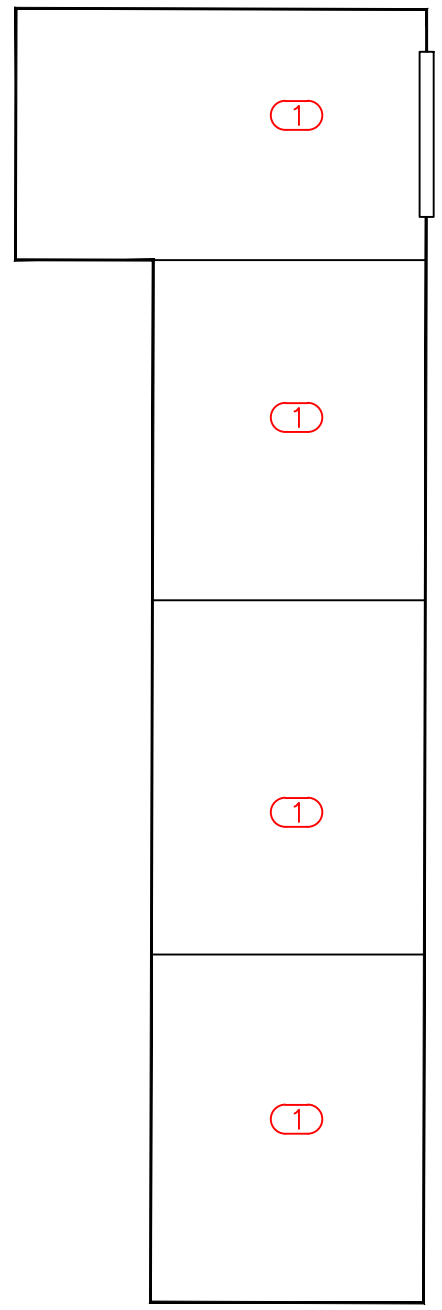
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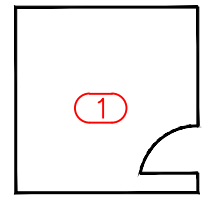
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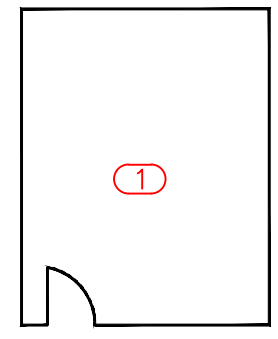
BUILDING LAYOUT
HAZARDOUS MATERIAL SURVEY
LAKE ORION LUMBER COMPANY
LAKE ORION, MICHIGAN



BUILDING 4




BUILDING 5



BUILDING 6

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SCALE: 

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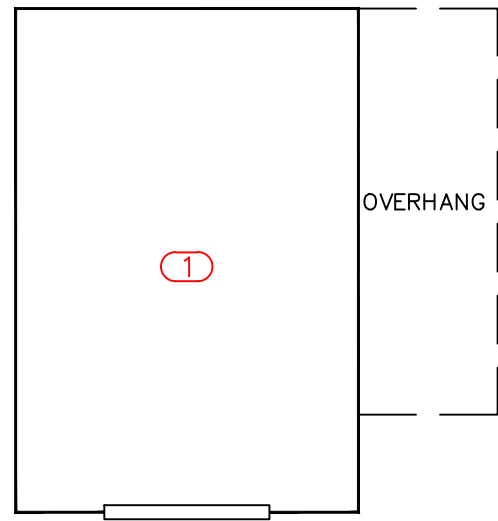
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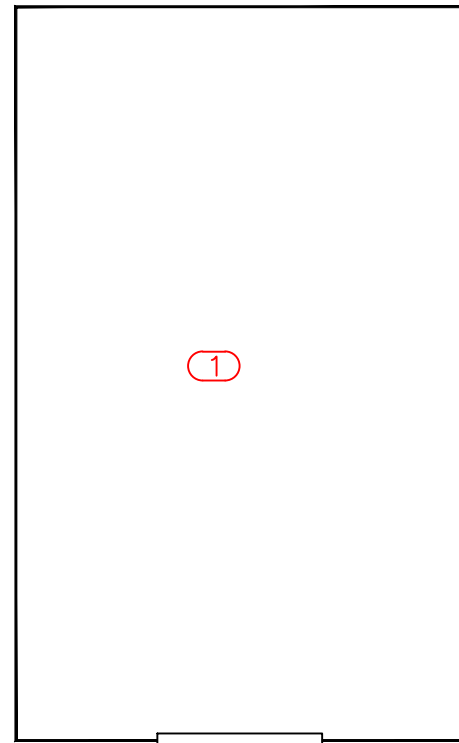
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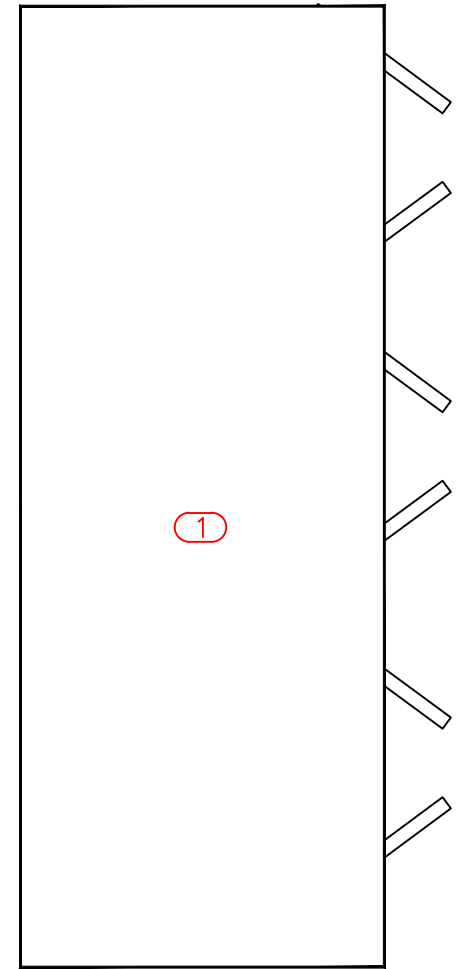
BUILDING LAYOUT
 HAZARDOUS MATERIAL SURVEY
 LAKE ORION LUMBER COMPANY
 LAKE ORION, MICHIGAN



BUILDING 7




BUILDING 8



BUILDING 9

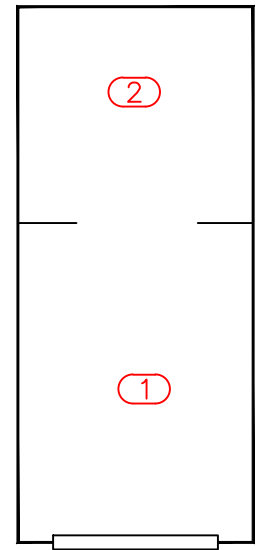
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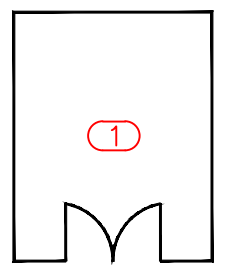
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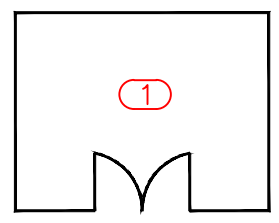
BUILDING LAYOUT
 HAZARDOUS MATERIAL SURVEY
 LAKE ORION LUMBER COMPANY
 LAKE ORION, MICHIGAN



BUILDING 10



BUILDING 11



BUILDING 12

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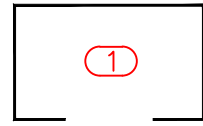
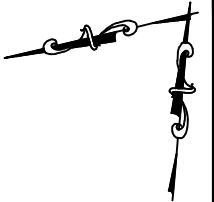
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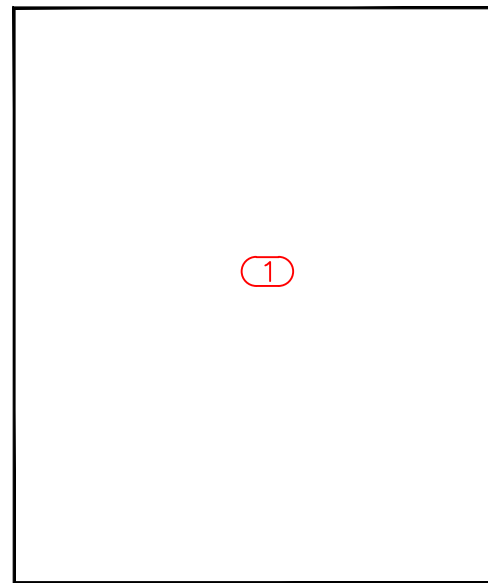
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BUILDING LAYOUT
 HAZARDOUS MATERIAL SURVEY
 LAKE ORION LUMBER COMPANY
 LAKE ORION, MICHIGAN



BUILDING 13




BUILDING 14



BUILDING 15

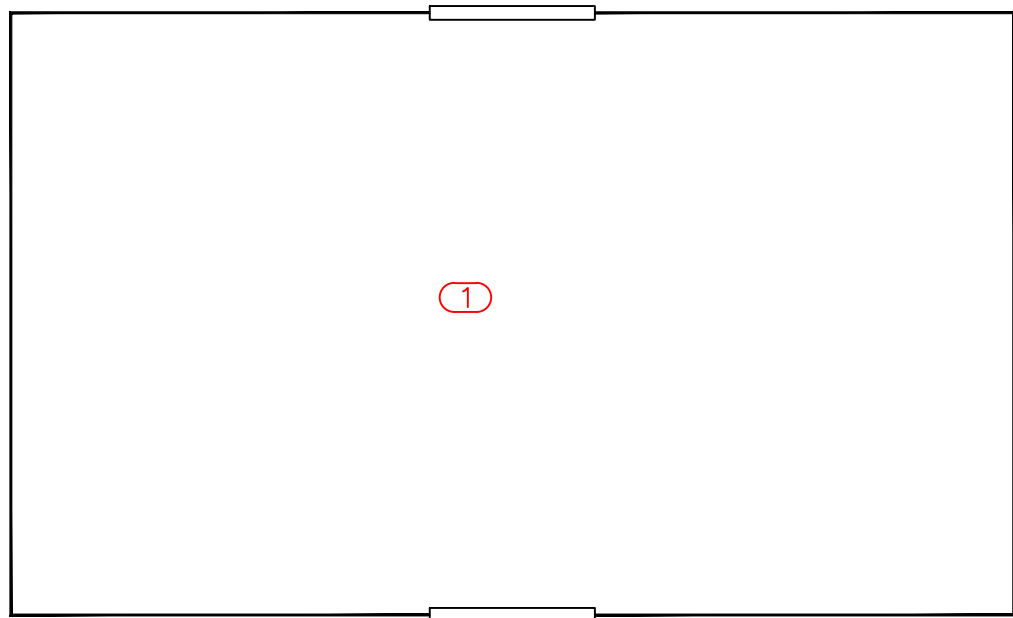
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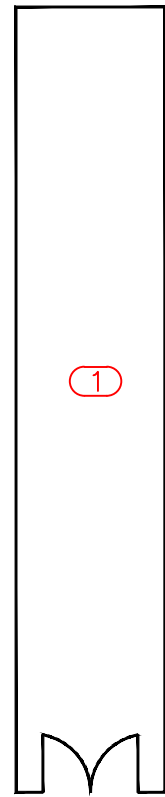
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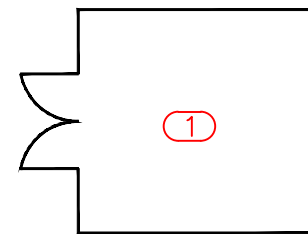
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HAZARDOUS MATERIAL SURVEY
LAKE ORION LUMBER COMPANY
LAKE ORION, MICHIGAN



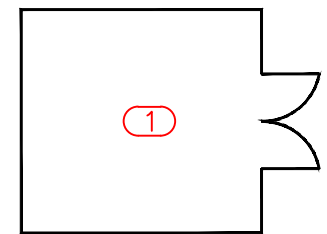
BUILDING 16



BUILDING 17



BUILDING 18A



BUILDING 18B

SOURCE: FIELD VISIT

SCALE:

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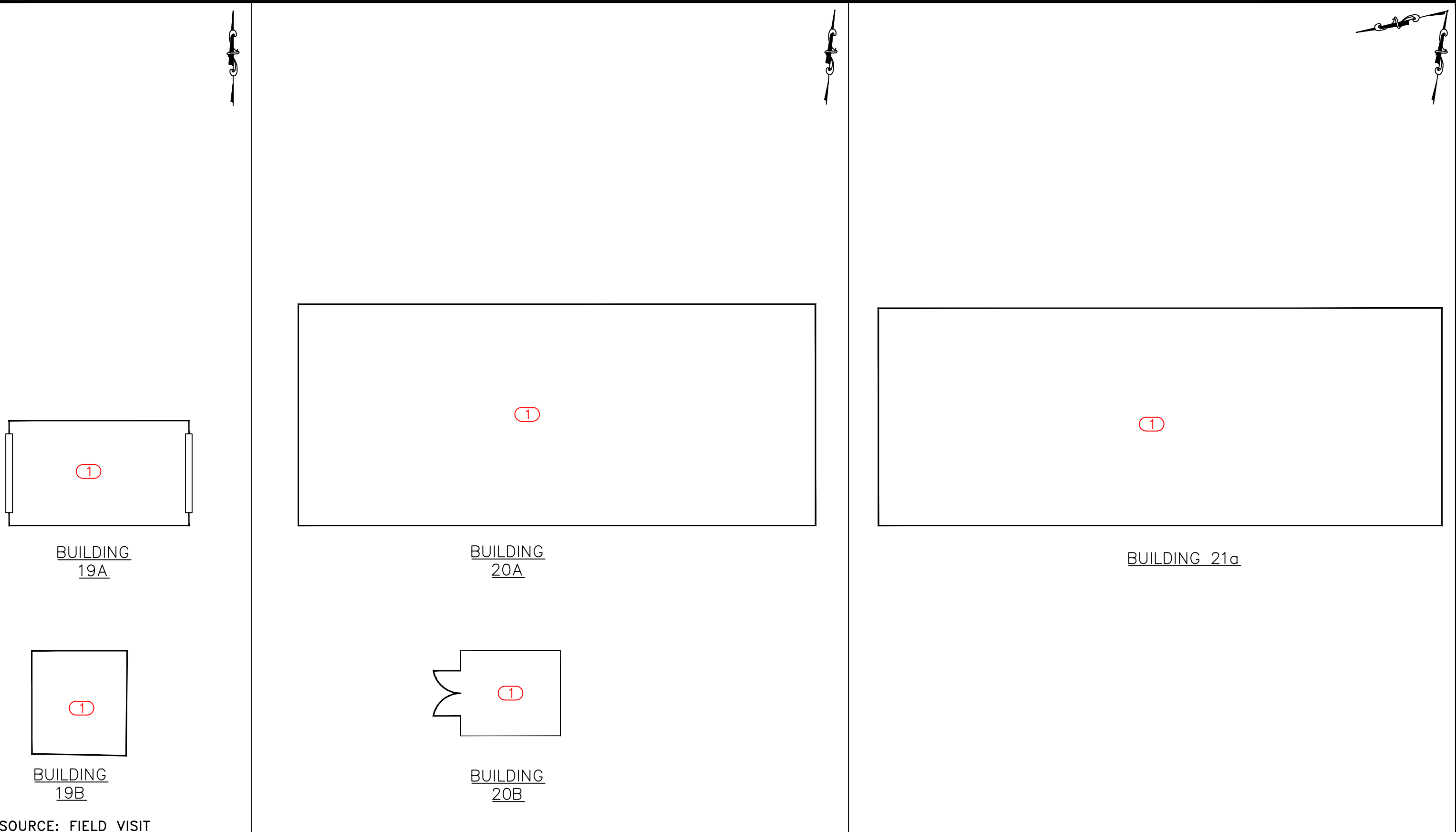
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BUILDING LAYOUT
HAZARDOUS MATERIAL SURVEY
LAKE ORION LUMBER COMPANY
LAKE ORION, MICHIGAN



BUILDING
19A


BUILDING
20A

BUILDING 21a

BUILDING
19B

BUILDING
20B

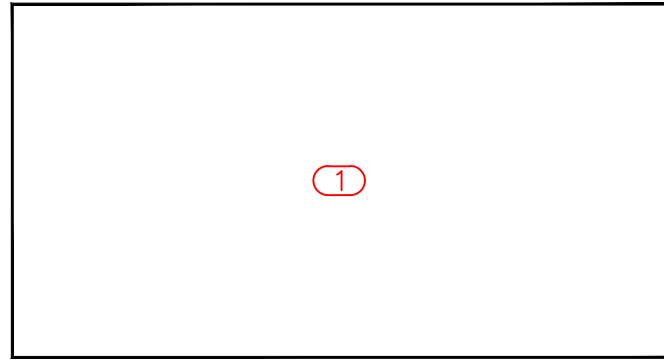
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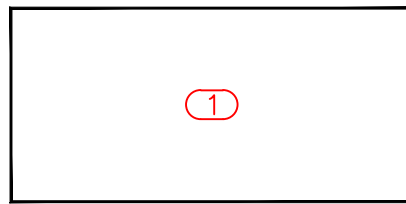
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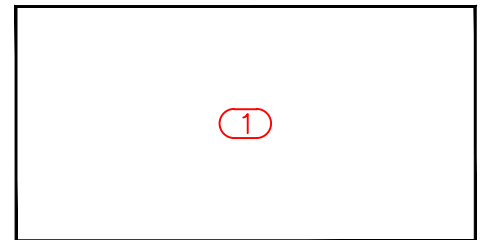
BUILDING LAYOUT
HAZARDOUS MATERIAL SURVEY
LAKE ORION LUMBER COMPANY
LAKE ORION, MICHIGAN



BUILDING 21b




BUILDING 22



BUILDING 23

SOURCE: FIELD VISIT

SCALE: 

S.O. NO.: 199511

DSN/DWN:

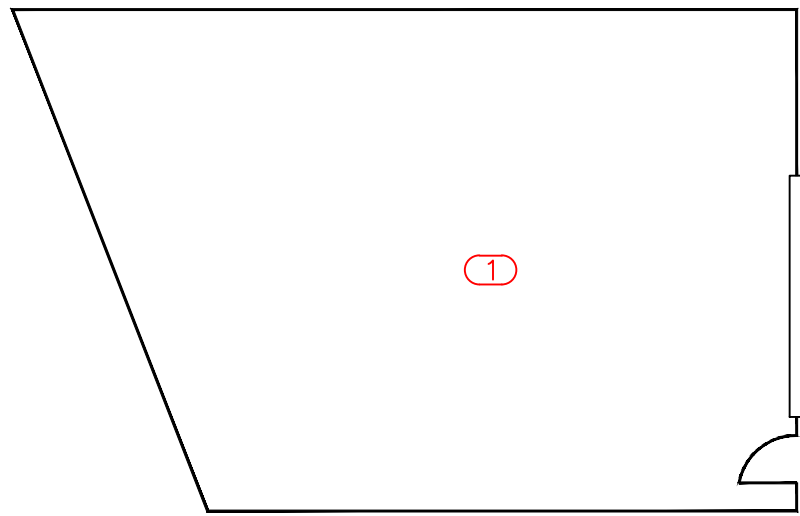
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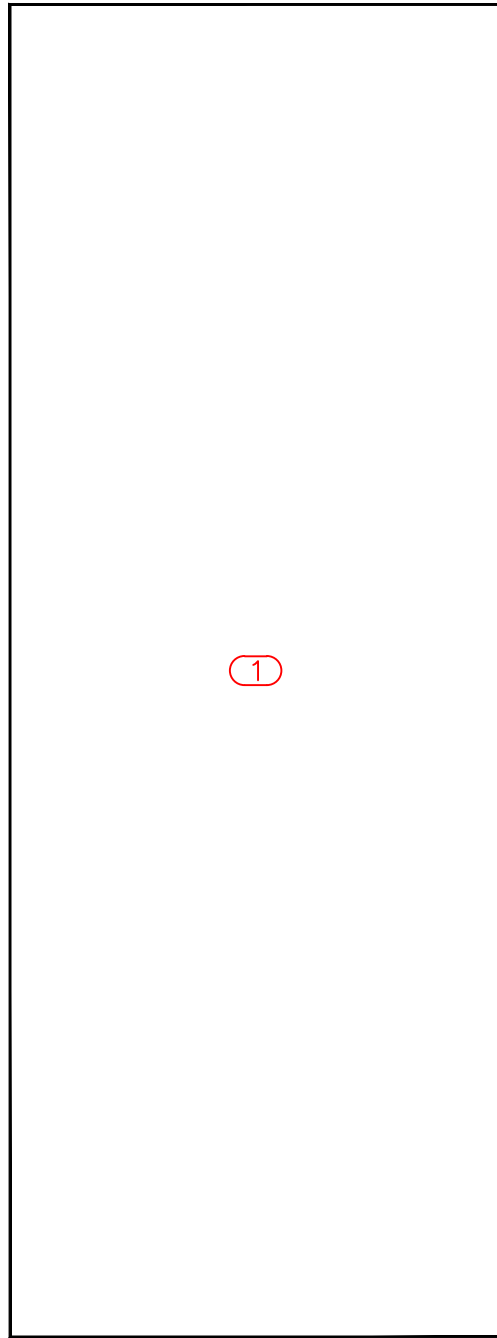
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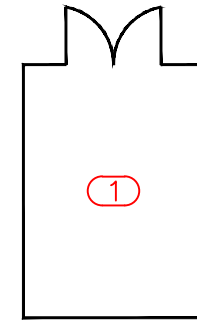
BUILDING LAYOUT
HAZARDOUS MATERIAL SURVEY
LAKE ORION LUMBER COMPANY
LAKE ORION, MICHIGAN



BUILDING 24



BUILDING 26



BUILDING 27

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SCALE:

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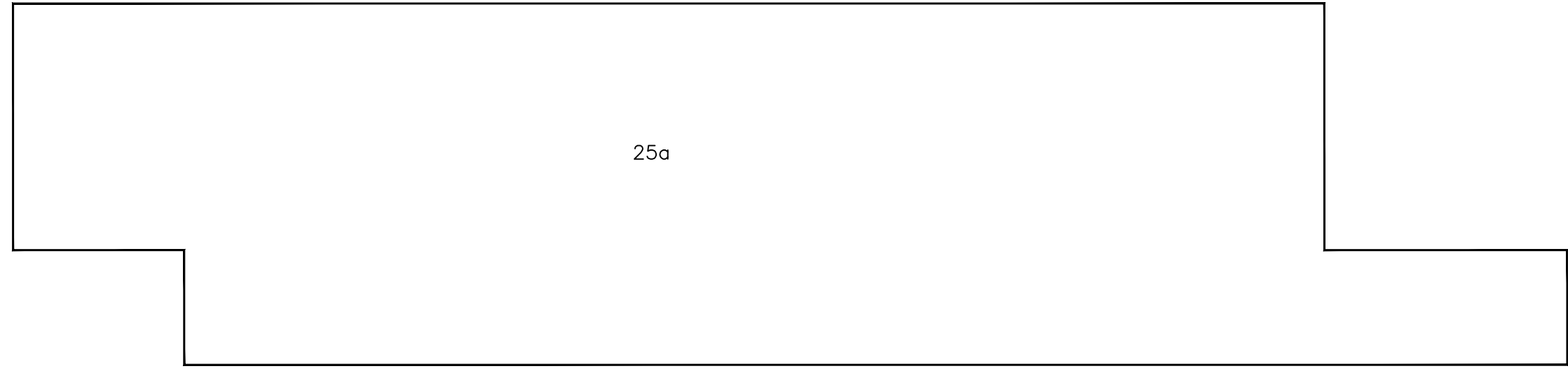
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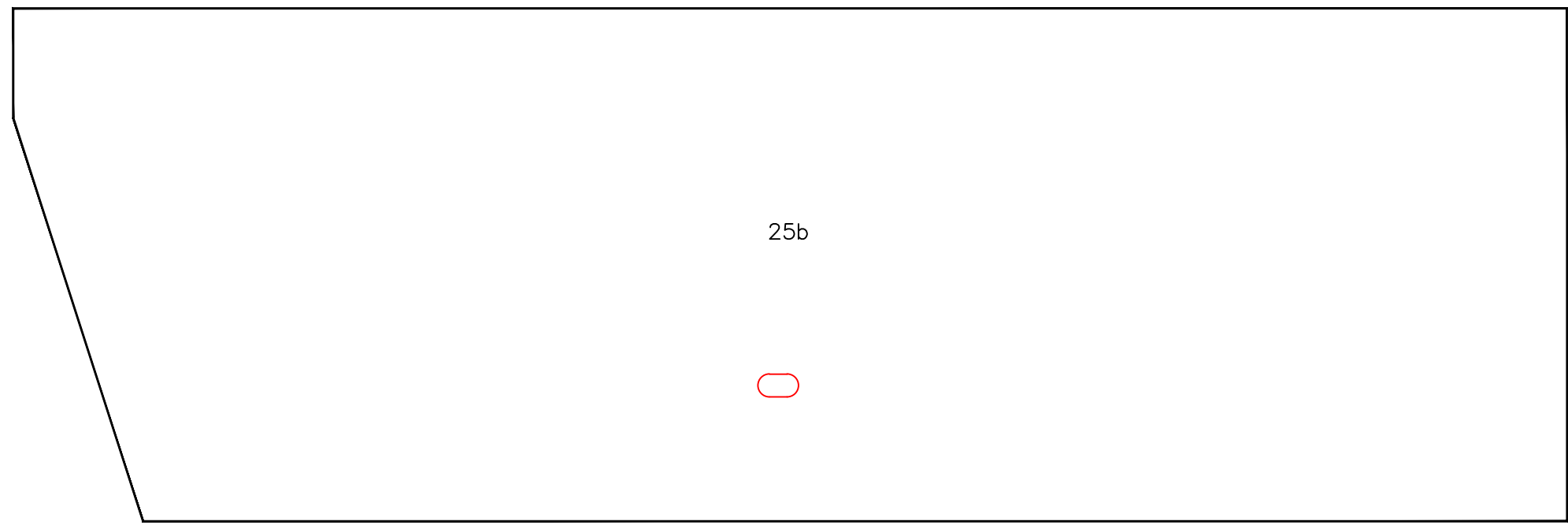
Michael Baker MICHAEL BAKER INTERNATIONAL
INTERNATIONAL MOON TOWNSHIP, PENNSYLVANIA

BUILDING LAYOUT
HAZARDOUS MATERIAL SURVEY
LAKE ORION LUMBER COMPANY
LAKE ORION, MICHIGAN



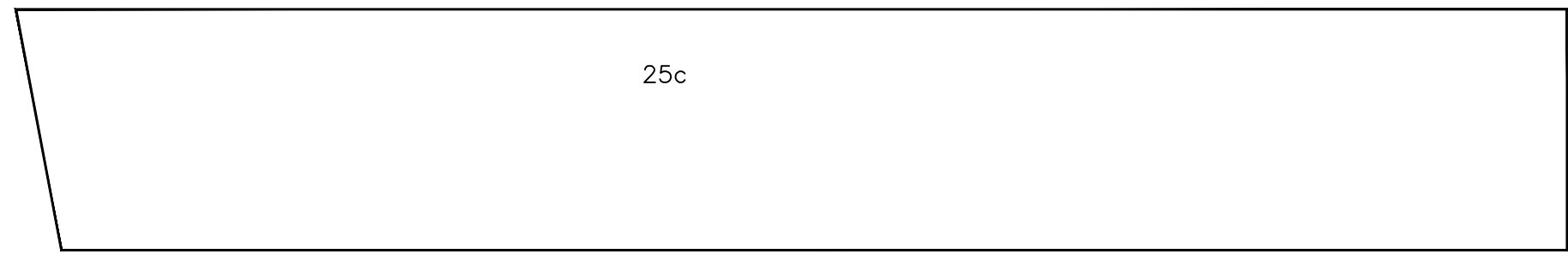
25a

BUILDING
25a



25b

BUILDING 25b



25c

BUILDING 25c

SOURCE: FIELD VISIT

SCALE:

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DSN/DWN:

DATE: MARCH 2024

FILE: 199511_ORION_01

CHK:

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INTERNATIONAL MOON TOWNSHIP, PENNSYLVANIA

BUILDING LAYOUT
HAZARDOUS MATERIAL SURVEY
LAKE ORION LUMBER COMPANY
LAKE ORION, MICHIGAN

TABLES

TABLE 1

SURVEY OF ASBESTOS-CONTAINING MATERIALS

FORMER LAKE ORION LUMBER YARD LAKE ORION, MICHIGAN

Homogeneous Material Number	Material Type	Material Description	Category of ACM	Approximate Quantity of Asbestos	Condition of Material
11	Thermal Insulation Board	White	Friable ACM	4 Square Feet	Damaged
15	Vinyl Floor Tile and Floor Adhesive	12" x 12" White VFT and Black FA	Category I Non-friable ACM	20 Square Feet	Damaged
49	Asphaltic Roofing Material	Gray Roll Sheeting and Tar Materials	Category I Non-friable ACM	600 Square Feet	Damaged

TABLE 2

SURVEY OF LEAD PAINT

FORMER LAKE ORION LUMBER YARD LAKE ORION, MICHIGAN

Buildings	Component	Locations	Color	Substrate	Condition	Findings	Recommendations
All Buildings	All painted components	Interior and Exterior	All Paint Colors	All Substrates	All Conditions	All paint contains at least a trace of lead and must be addressed according to OSHA requirements.	If impacted by demolition activities, proper handling and/or removal of the lead-containing paint is needed.

* The requirements of the Occupational Safety and Health Administration (OSHA) Construction Standards need to be invoked if any metal content is present in the paint that may be affected by renovation activities. OSHA does not provide a minimum concentration criteria level for lead; however, it requires precautions and protection for workers and the working environment be taken at any work place where an exposure to airborne metals may occur.

TABLE 3

SUMMARY OF OTHER POTENTIALLY HAZARDOUS WASTE

**FORMER LAKE ORION LUMBER YARD
LAKE ORION, MICHIGAN**

Buildings	Light Bulbs	Ballasts	Thermostats	Other Hazardous Materials	Recommendations
1	4 - 4' bulbs	1	1	Various bottles, cans, and containers of normal commercial and industrial products (such as cleaners, solvents, and oils) were located in the buildings.	If impacted by demolition activities, proper handling and/or removal of these components is needed.
3	6 - 4' bulbs	3	0		
All of the Other Buildings	0	0	0		
----	----	----	----	There are three propane tanks near Building 11.	
----	----	----	----	There is a plastic 5-gallon gas container within Building 13.	
----	----	----	----	There is a propane tank within Building 25B.	
----	----	----	----	There are two aboveground fuel storage tanks located on site.	
----	----	----	----	There is a large tanker truck and a motorcycle located on site.	

NOTE: These are approximate quantities tallied at the time of the survey. Actual quantities should be field verified upon removal and/or demolition of the buildings.

ATTACHMENT A

ASBESTOS SURVEY MATERIAL SUMMARY

FORMER LAKE ORION LUMBER YARD LAKE ORION, MICHIGAN

BUILDING 1

Homogeneous Material Number	Material Type	Material Description	Material Locations	Friable	Sample Numbers	Sample Results	Sample Locations	Asbestos-Containing Material	Approximate Quantity of Asbestos	Condition of Material
1	Wall and Ceiling Plaster	White Top Coat with Tan Base Coat	Throughout the Building	No	LC - 01A (M) LC - 01A (SC) LC - 01B (M) LC - 01B (SC) LC - 01C (M) LC - 01C (SC)	None Detected None Detected None Detected None Detected None Detected None Detected	Room 2 Room 2 Room 2 Room 2 Room 2 Room 2	No	Not Applicable	Not Applicable
2	Wall and Ceiling Board	White, with White Joint Compound	Throughout the Building	No	LC - 02A LC - 02B	None Detected None Detected	Room 3 Room 3	No	Not Applicable	Not Applicable
3	Vinyl Floor Tile and Floor Adhesive	9" x 9" Brown and Red Streaks VFT and Black FA	Room 1	No	LC - 03A LC - 03B (VFT) LC - 03B (FA)	None Detected None Detected None Detected	Room 1 Room 1 Room 1	No	Not Applicable	Not Applicable
4	Floor Adhesive	Black, under 9" x 9" Wood Floor Tiles	Throughout the Building	No	LC - 04A LC - 04B	None Detected None Detected	Room 4 Room 4	No	Not Applicable	Not Applicable

According to EPA, asbestos-containing material (ACM) is defined as any material containing greater than 1% asbestos using laboratory analysis or, by NESHAP, contains less than 10% asbestos is considered positive, unless re-analyzed by PLM point count.

ASBESTOS SURVEY MATERIAL SUMMARY

FORMER LAKE ORION LUMBER YARD LAKE ORION, MICHIGAN

BUILDING 1

Homogeneous Material Number	Material Type	Material Description	Material Locations	Friable	Sample Numbers	Sample Results	Sample Locations	Asbestos-Containing Material	Approximate Quantity of Asbestos	Condition of Material
5	Ceiling Tile	14" x 14" Solid	Throughout the Building	Yes	LC - 05A	None Detected	Room 1	No	Not Applicable	Not Applicable
					LC - 05B	None Detected	Room 1			
6	Ceiling Tile	14" x 32" Solid	Throughout the Building	Yes	LC - 06A	None Detected	Room 3	No	Not Applicable	Not Applicable
					LC - 06B	None Detected	Room 3			
7	Ceiling Tile	1' x 1' Solid	Throughout the Building	Yes	LC - 07A	None Detected	Room 4	No	Not Applicable	Not Applicable
					LC - 07B	None Detected	Room 4			
8	Ceiling Tile Adhesive	Brown, under 14" x 14" Solid	Throughout the Building	No	LC - 08A	None Detected	Room 1	No	Not Applicable	Not Applicable
					LC - 08B	None Detected	Room 1			
9	Ceiling Tile Adhesive	Brown, under 14" x 32" Solid	Throughout the Building	No	LC - 09A	None Detected	Room 3	No	Not Applicable	Not Applicable
					LC - 09B	None Detected	Room 3			
10	Ceiling Tile Adhesive	Brown, under 1' x 1' Solid	Throughout the Building	No	LC - 10A	None Detected	Room 4	No	Not Applicable	Not Applicable
					LC - 10B	None Detected	Room 4			
11	Thermal Insulation Board	White	Room 1	Yes	LC - 11A	20% Chrysotile	Room 1	Yes	4 Square Feet	Damaged
					LC - 11B	Not Analyzed	Room 1			
					LC - 11C	Not Analyzed	Room 1			

According to EPA, asbestos-containing material (ACM) is defined as any material containing greater than 1% asbestos using laboratory analysis or, by NESHAP, contains less than 10% asbestos is considered positive, unless re-analyzed by PLM point count.

ASBESTOS SURVEY MATERIAL SUMMARY

FORMER LAKE ORION LUMBER YARD LAKE ORION, MICHIGAN

BUILDING 1

Homogeneous Material Number	Material Type	Material Description	Material Locations	Friable	Sample Numbers	Sample Results	Sample Locations	Asbestos-Containing Material	Approximate Quantity of Asbestos	Condition of Material
12	Caulking	White	Throughout the Building	No	LC - 12A	None Detected	Room 1	No	Not Applicable	Not Applicable
					LC - 12B	None Detected	Room 1			
13	Asphaltic Roofing Material	Brown Shingles	Exterior Roof over Side Door	No	LC - 13A	None Detected	Roof	No	Not Applicable	Not Applicable
					LC - 13B	None Detected	Roof			
14	Asphaltic Roofing Material	Black Membrane and Black Tar	Exterior Roof	No	LC - 14A	None Detected	Roof	No	Not Applicable	Not Applicable
					LC - 14B	None Detected	Roof			
15	Vinyl Floor Tile and Floor Adhesive	9" x 9" White VFT and Black FA	Room 1	No	LC - 15A (VFT)	2% Chrysotile	Room 1	Yes	20 Square Feet	Damaged
					LC - 15A (FA)	None Detected	Room 1			
					LC - 15B (VFT)	Not Analyzed	Room 1			
					LC - 15B (FA)	None Detected	Room 1			

According to EPA, asbestos-containing material (ACM) is defined as any material containing greater than 1% asbestos using laboratory analysis or, by NESHAP, contains less than 10% asbestos is considered positive, unless re-analyzed by PLM point count.

ASBESTOS SURVEY MATERIAL SUMMARY

FORMER LAKE ORION LUMBER YARD LAKE ORION, MICHIGAN

BUILDING 2

Homogeneous Material Number	Material Type	Material Description	Material Locations	Friable	Sample Numbers	Sample Results	Sample Locations	Asbestos-Containing Material	Approximate Quantity of Asbestos	Condition of Material
16	Asphaltic Roofing Material	Brown Shingles	Exterior Roof	No	LC - 16A	None Detected	Roof	No	Not Applicable	Not Applicable
					LC - 16B	None Detected	Roof			

According to EPA, asbestos-containing material (ACM) is defined as any material containing greater than 1% asbestos using laboratory analysis or, by NESHAP, contains less than 10% asbestos is considered positive, unless re-analyzed by PLM point count.

ASBESTOS SURVEY MATERIAL SUMMARY

FORMER LAKE ORION LUMBER YARD LAKE ORION, MICHIGAN

BUILDING 3

Homogeneous Material Number	Material Type	Material Description	Material Locations	Friable	Sample Numbers	Sample Results	Sample Locations	Asbestos-Containing Material	Approximate Quantity of Asbestos	Condition of Material
17	Wall and Ceiling Board	White, with White Joint Compound	Throughout the Building	No	LC - 17A	None Detected	Room 1	No	Not Applicable	Not Applicable
					LC - 17B	None Detected	Room 1			
18	Ceiling Tile	2' x 2' Wavy	Throughout the Building	Yes	LC - 18A	None Detected	Room 1	No	Not Applicable	Not Applicable
					LC - 18B	None Detected	Room 1			
19	Asphaltic Roofing Material	Green Shingles	Exterior Roof	No	LC - 19A	None Detected	Roof	No	Not Applicable	Not Applicable
					LC - 19B	None Detected	Roof			

According to EPA, asbestos-containing material (ACM) is defined as any material containing greater than 1% asbestos using laboratory analysis or, by NESHAP, contains less than 10% asbestos is considered positive, unless re-analyzed by PLM point count.

ASBESTOS SURVEY MATERIAL SUMMARY

FORMER LAKE ORION LUMBER YARD LAKE ORION, MICHIGAN

BUILDING 27

Homogeneous Material Number	Material Type	Material Description	Material Locations	Friable	Sample Numbers	Sample Results	Sample Locations	Asbestos-Containing Material	Approximate Quantity of Asbestos	Condition of Material
20	Asphaltic Roofing Material	Brown Shingles	Exterior Roof	No	LC - 20A	None Detected	Roof	No	Not Applicable	Not Applicable
					LC - 20B	None Detected	Roof			

According to EPA, asbestos-containing material (ACM) is defined as any material containing greater than 1% asbestos using laboratory analysis or, by NESHAP, contains less than 10% asbestos is considered positive, unless re-analyzed by PLM point count.

ASBESTOS SURVEY MATERIAL SUMMARY

FORMER LAKE ORION LUMBER YARD LAKE ORION, MICHIGAN

BUILDING 4

Homogeneous Material Number	Material Type	Material Description	Material Locations	Friable	Sample Numbers	Sample Results	Sample Locations	Asbestos-Containing Material	Approximate Quantity of Asbestos	Condition of Material
21	Wall and Ceiling Board	White, with White Joint Compound	Throughout the Building	No	LC - 21A	None Detected	Room 1	No	Not Applicable	Not Applicable
					LC - 21B	None Detected	Room 1			
22	Asphaltic Roofing Material	Black Roll	Exterior Roof	No	LC - 22A	None Detected	Roof	No	Not Applicable	Not Applicable
					LC - 22B	None Detected	Roof			

According to EPA, asbestos-containing material (ACM) is defined as any material containing greater than 1% asbestos using laboratory analysis or, by NESHAP, contains less than 10% asbestos is considered positive, unless re-analyzed by PLM point count.

ASBESTOS SURVEY MATERIAL SUMMARY

FORMER LAKE ORION LUMBER YARD LAKE ORION, MICHIGAN

BUILDING 5

Homogeneous Material Number	Material Type	Material Description	Material Locations	Friable	Sample Numbers	Sample Results	Sample Locations	Asbestos-Containing Material	Approximate Quantity of Asbestos	Condition of Material
NO SUSPECT MATERIALS IDENTIFIED IN THIS BUILDING.										

According to EPA, asbestos-containing material (ACM) is defined as any material containing greater than 1% asbestos using laboratory analysis or, by NESHAP, contains less than 10% asbestos is considered positive, unless re-analyzed by PLM point count.

ASBESTOS SURVEY MATERIAL SUMMARY

FORMER LAKE ORION LUMBER YARD LAKE ORION, MICHIGAN

BUILDING 6

Homogeneous Material Number	Material Type	Material Description	Material Locations	Friable	Sample Numbers	Sample Results	Sample Locations	Asbestos-Containing Material	Approximate Quantity of Asbestos	Condition of Material
23	Asphaltic Roofing Material	Brown Shingles	Exterior Roof	No	LC - 23A LC - 23B	None Detected None Detected	Roof Roof	No	Not Applicable	Not Applicable

According to EPA, asbestos-containing material (ACM) is defined as any material containing greater than 1% asbestos using laboratory analysis or, by NESHAP, contains less than 10% asbestos is considered positive, unless re-analyzed by PLM point count.

ASBESTOS SURVEY MATERIAL SUMMARY

FORMER LAKE ORION LUMBER YARD LAKE ORION, MICHIGAN

BUILDING 7

Homogeneous Material Number	Material Type	Material Description	Material Locations	Friable	Sample Numbers	Sample Results	Sample Locations	Asbestos-Containing Material	Approximate Quantity of Asbestos	Condition of Material
24	Wall and Ceiling Board	White, with White Joint Compound	Throughout the Building	No	LC - 24A	None Detected	Room 1	No	Not Applicable	Not Applicable
					LC - 24B	None Detected	Room 1			
25	Asphaltic Roofing Material	Black Tar Paper	Throughout the Building	No	LC - 25A	None Detected	Room 1	No	Not Applicable	Not Applicable
					LC - 25B	None Detected	Room 1			
26	Asphaltic Roofing Material	Gray Shingles	Exterior Roof	No	LC - 26A	None Detected	Roof	No	Not Applicable	Not Applicable
					LC - 26B	None Detected	Roof			
27	Asphaltic Roofing Material	Red/Gray Shingles	Exterior Roof	No	LC - 27A	None Detected	Roof	No	Not Applicable	Not Applicable
					LC - 27B	None Detected	Roof			

According to EPA, asbestos-containing material (ACM) is defined as any material containing greater than 1% asbestos using laboratory analysis or, by NESHAP, contains less than 10% asbestos is considered positive, unless re-analyzed by PLM point count.

ASBESTOS SURVEY MATERIAL SUMMARY

FORMER LAKE ORION LUMBER YARD LAKE ORION, MICHIGAN

BUILDING 8

Homogeneous Material Number	Material Type	Material Description	Material Locations	Friable	Sample Numbers	Sample Results	Sample Locations	Asbestos-Containing Material	Approximate Quantity of Asbestos	Condition of Material
28	Asphaltic Roofing Material	Green Shingles	Exterior Roof	No	LC - 28A	None Detected	Roof	No	Not Applicable	Not Applicable
					LC - 28B	None Detected	Roof			
29	Asphaltic Roofing Material	Red Shingles	Exterior Roof	No	LC - 29A	None Detected	Roof	No	Not Applicable	Not Applicable
					LC - 29B	None Detected	Roof			

According to EPA, asbestos-containing material (ACM) is defined as any material containing greater than 1% asbestos using laboratory analysis or, by NESHAP, contains less than 10% asbestos is considered positive, unless re-analyzed by PLM point count.

ASBESTOS SURVEY MATERIAL SUMMARY

FORMER LAKE ORION LUMBER YARD LAKE ORION, MICHIGAN

BUILDING 9

Homogeneous Material Number	Material Type	Material Description	Material Locations	Friable	Sample Numbers	Sample Results	Sample Locations	Asbestos-Containing Material	Approximate Quantity of Asbestos	Condition of Material
NO SUSPECT MATERIALS IDENTIFIED IN THIS BUILDING.										

According to EPA, asbestos-containing material (ACM) is defined as any material containing greater than 1% asbestos using laboratory analysis or, by NESHAP, contains less than 10% asbestos is considered positive, unless re-analyzed by PLM point count.

ASBESTOS SURVEY MATERIAL SUMMARY

FORMER LAKE ORION LUMBER YARD LAKE ORION, MICHIGAN

BUILDING 10

Homogeneous Material Number	Material Type	Material Description	Material Locations	Friable	Sample Numbers	Sample Results	Sample Locations	Asbestos-Containing Material	Approximate Quantity of Asbestos	Condition of Material
30	Asphaltic Siding	Red Shingles	Exterior	No	LC - 30A	None Detected	Exterior	No	Not Applicable	Not Applicable
					LC - 30B	None Detected	Exterior			
31	Asphaltic Roofing Material	Black Roll	Exterior Roof	No	LC - 31A	None Detected	Roof	No	Not Applicable	Not Applicable
					LC - 31B	None Detected	Roof			
32	Asphaltic Roofing Material	Brown Shingles	Exterior Roof	No	LC - 32A	None Detected	Roof	No	Not Applicable	Not Applicable
					LC - 32B	None Detected	Roof			

According to EPA, asbestos-containing material (ACM) is defined as any material containing greater than 1% asbestos using laboratory analysis or, by NESHAP, contains less than 10% asbestos is considered positive, unless re-analyzed by PLM point count.

ASBESTOS SURVEY MATERIAL SUMMARY

FORMER LAKE ORION LUMBER YARD LAKE ORION, MICHIGAN

BUILDING 11

Homogeneous Material Number	Material Type	Material Description	Material Locations	Friable	Sample Numbers	Sample Results	Sample Locations	Asbestos-Containing Material	Approximate Quantity of Asbestos	Condition of Material
33	Asphaltic Roofing Material	Green Shingles	Exterior Roof	No	LC - 33A	None Detected	Roof	No	Not Applicable	Not Applicable
					LC - 33B	None Detected	Roof			

According to EPA, asbestos-containing material (ACM) is defined as any material containing greater than 1% asbestos using laboratory analysis or, by NESHAP, contains less than 10% asbestos is considered positive, unless re-analyzed by PLM point count.

ASBESTOS SURVEY MATERIAL SUMMARY

FORMER LAKE ORION LUMBER YARD LAKE ORION, MICHIGAN

BUILDING 12

Homogeneous Material Number	Material Type	Material Description	Material Locations	Friable	Sample Numbers	Sample Results	Sample Locations	Asbestos-Containing Material	Approximate Quantity of Asbestos	Condition of Material
34	Asphaltic Roofing Material	Gray Shingles	Exterior Roof	No	LC - 34A	None Detected	Roof	No	Not Applicable	Not Applicable
					LC - 34B	None Detected	Roof			

According to EPA, asbestos-containing material (ACM) is defined as any material containing greater than 1% asbestos using laboratory analysis or, by NESHAP, contains less than 10% asbestos is considered positive, unless re-analyzed by PLM point count.

ASBESTOS SURVEY MATERIAL SUMMARY

FORMER LAKE ORION LUMBER YARD LAKE ORION, MICHIGAN

BUILDING 13

Homogeneous Material Number	Material Type	Material Description	Material Locations	Friable	Sample Numbers	Sample Results	Sample Locations	Asbestos-Containing Material	Approximate Quantity of Asbestos	Condition of Material
35	Asphaltic Roofing Material	Red Shingles	Exterior Roof	No	LC - 35A (S) LC - 35A (T) LC - 35B	None Detected None Detected None Detected	Roof Roof Roof	No	Not Applicable	Not Applicable

According to EPA, asbestos-containing material (ACM) is defined as any material containing greater than 1% asbestos using laboratory analysis or, by NESHAP, contains less than 10% asbestos is considered positive, unless re-analyzed by PLM point count.

ASBESTOS SURVEY MATERIAL SUMMARY

FORMER LAKE ORION LUMBER YARD LAKE ORION, MICHIGAN

BUILDING 14

Homogeneous Material Number	Material Type	Material Description	Material Locations	Friable	Sample Numbers	Sample Results	Sample Locations	Asbestos-Containing Material	Approximate Quantity of Asbestos	Condition of Material
NO SUSPECT MATERIALS IDENTIFIED IN THIS BUILDING.										

According to EPA, asbestos-containing material (ACM) is defined as any material containing greater than 1% asbestos using laboratory analysis or, by NESHAP, contains less than 10% asbestos is considered positive, unless re-analyzed by PLM point count.

ASBESTOS SURVEY MATERIAL SUMMARY

FORMER LAKE ORION LUMBER YARD LAKE ORION, MICHIGAN

BUILDING 15

Homogeneous Material Number	Material Type	Material Description	Material Locations	Friable	Sample Numbers	Sample Results	Sample Locations	Asbestos-Containing Material	Approximate Quantity of Asbestos	Condition of Material
NO SUSPECT MATERIALS IDENTIFIED IN THIS BUILDING.										

According to EPA, asbestos-containing material (ACM) is defined as any material containing greater than 1% asbestos using laboratory analysis or, by NESHAP, contains less than 10% asbestos is considered positive, unless re-analyzed by PLM point count.

ASBESTOS SURVEY MATERIAL SUMMARY

FORMER LAKE ORION LUMBER YARD LAKE ORION, MICHIGAN

BUILDING 16

Homogeneous Material Number	Material Type	Material Description	Material Locations	Friable	Sample Numbers	Sample Results	Sample Locations	Asbestos-Containing Material	Approximate Quantity of Asbestos	Condition of Material
36	Asphaltic Roofing Material	Brown Shingles	Exterior Roof	No	LC - 36A (S) LC - 36A (T) LC - 36B (S) LC - 36B (T)	None Detected None Detected None Detected None Detected	Roof Roof Roof Roof	No	Not Applicable	Not Applicable

According to EPA, asbestos-containing material (ACM) is defined as any material containing greater than 1% asbestos using laboratory analysis or, by NESHAP, contains less than 10% asbestos is considered positive, unless re-analyzed by PLM point count.

ASBESTOS SURVEY MATERIAL SUMMARY

FORMER LAKE ORION LUMBER YARD LAKE ORION, MICHIGAN

BUILDING 17

Homogeneous Material Number	Material Type	Material Description	Material Locations	Friable	Sample Numbers	Sample Results	Sample Locations	Asbestos-Containing Material	Approximate Quantity of Asbestos	Condition of Material
NO SUSPECT MATERIALS IDENTIFIED IN THIS BUILDING.										

According to EPA, asbestos-containing material (ACM) is defined as any material containing greater than 1% asbestos using laboratory analysis or, by NESHAP, contains less than 10% asbestos is considered positive, unless re-analyzed by PLM point count.

ASBESTOS SURVEY MATERIAL SUMMARY

FORMER LAKE ORION LUMBER YARD LAKE ORION, MICHIGAN

BUILDING 18A

Homogeneous Material Number	Material Type	Material Description	Material Locations	Friable	Sample Numbers	Sample Results	Sample Locations	Asbestos-Containing Material	Approximate Quantity of Asbestos	Condition of Material
37	Asphaltic Roofing Material	Brown Shingles	Exterior Roof	No	LC - 37A	None Detected	Roof	No	Not Applicable	Not Applicable
					LC - 37B	None Detected	Roof			

According to EPA, asbestos-containing material (ACM) is defined as any material containing greater than 1% asbestos using laboratory analysis or, by NESHAP, contains less than 10% asbestos is considered positive, unless re-analyzed by PLM point count.

ASBESTOS SURVEY MATERIAL SUMMARY

FORMER LAKE ORION LUMBER YARD LAKE ORION, MICHIGAN

BUILDING 18B

Homogeneous Material Number	Material Type	Material Description	Material Locations	Friable	Sample Numbers	Sample Results	Sample Locations	Asbestos-Containing Material	Approximate Quantity of Asbestos	Condition of Material
38	Asphaltic Roofing Material	Brown Shingles	Exterior Roof	No	LC - 38A	None Detected	Roof	No	Not Applicable	Not Applicable
					LC - 38B	None Detected	Roof			

According to EPA, asbestos-containing material (ACM) is defined as any material containing greater than 1% asbestos using laboratory analysis or, by NESHAP, contains less than 10% asbestos is considered positive, unless re-analyzed by PLM point count.

ASBESTOS SURVEY MATERIAL SUMMARY

FORMER LAKE ORION LUMBER YARD LAKE ORION, MICHIGAN

BUILDING 19A

Homogeneous Material Number	Material Type	Material Description	Material Locations	Friable	Sample Numbers	Sample Results	Sample Locations	Asbestos-Containing Material	Approximate Quantity of Asbestos	Condition of Material
NO SUSPECT MATERIALS IDENTIFIED IN THIS BUILDING.										

According to EPA, asbestos-containing material (ACM) is defined as any material containing greater than 1% asbestos using laboratory analysis or, by NESHAP, contains less than 10% asbestos is considered positive, unless re-analyzed by PLM point count.

ASBESTOS SURVEY MATERIAL SUMMARY

FORMER LAKE ORION LUMBER YARD LAKE ORION, MICHIGAN

BUILDING 19B

Homogeneous Material Number	Material Type	Material Description	Material Locations	Friable	Sample Numbers	Sample Results	Sample Locations	Asbestos-Containing Material	Approximate Quantity of Asbestos	Condition of Material
39	Asphaltic Roofing Material	Brown Shingles	Exterior Roof	No	LC - 39A	None Detected	Roof	No	Not Applicable	Not Applicable
					LC - 39B	None Detected	Roof			

According to EPA, asbestos-containing material (ACM) is defined as any material containing greater than 1% asbestos using laboratory analysis or, by NESHAP, contains less than 10% asbestos is considered positive, unless re-analyzed by PLM point count.

ASBESTOS SURVEY MATERIAL SUMMARY

FORMER LAKE ORION LUMBER YARD LAKE ORION, MICHIGAN

BUILDING 20A

Homogeneous Material Number	Material Type	Material Description	Material Locations	Friable	Sample Numbers	Sample Results	Sample Locations	Asbestos-Containing Material	Approximate Quantity of Asbestos	Condition of Material
40	Asphaltic Roofing Material	Rubber Membrane and Sealant	Exterior Roof	No	LC - 40A	None Detected	Roof	No	Not Applicable	Not Applicable
					LC - 40B	None Detected	Roof			
41	Asphaltic Roofing Material	Black Shingles	Exterior Roof	No	LC - 41A	None Detected	Roof	No	Not Applicable	Not Applicable
					LC - 41B	None Detected	Roof			

According to EPA, asbestos-containing material (ACM) is defined as any material containing greater than 1% asbestos using laboratory analysis or, by NESHAP, contains less than 10% asbestos is considered positive, unless re-analyzed by PLM point count.

ASBESTOS SURVEY MATERIAL SUMMARY

FORMER LAKE ORION LUMBER YARD LAKE ORION, MICHIGAN

BUILDING 20B

Homogeneous Material Number	Material Type	Material Description	Material Locations	Friable	Sample Numbers	Sample Results	Sample Locations	Asbestos-Containing Material	Approximate Quantity of Asbestos	Condition of Material
42	Asphaltic Roofing Material	Red Shingles	Exterior Roof	No	LC - 42A	None Detected	Roof	No	Not Applicable	Not Applicable
					LC - 42B	None Detected	Roof			

According to EPA, asbestos-containing material (ACM) is defined as any material containing greater than 1% asbestos using laboratory analysis or, by NESHAP, contains less than 10% asbestos is considered positive, unless re-analyzed by PLM point count.

ASBESTOS SURVEY MATERIAL SUMMARY

FORMER LAKE ORION LUMBER YARD LAKE ORION, MICHIGAN

BUILDING 21A

Homogeneous Material Number	Material Type	Material Description	Material Locations	Friable	Sample Numbers	Sample Results	Sample Locations	Asbestos-Containing Material	Approximate Quantity of Asbestos	Condition of Material
43	Asphaltic Roofing Material	Gray Membrane and Glue	Exterior Roof	No	LC - 43A	None Detected	Roof	No	Not Applicable	Not Applicable
					LC - 43B	None Detected	Roof			
44	Asphaltic Roofing Material	Green Shingles	Exterior Roof	No	LC - 44A	None Detected	Roof	No	Not Applicable	Not Applicable
					LC - 44B	None Detected	Roof			

According to EPA, asbestos-containing material (ACM) is defined as any material containing greater than 1% asbestos using laboratory analysis or, by NESHAP, contains less than 10% asbestos is considered positive, unless re-analyzed by PLM point count.

ASBESTOS SURVEY MATERIAL SUMMARY

FORMER LAKE ORION LUMBER YARD LAKE ORION, MICHIGAN

BUILDING 21B

Homogeneous Material Number	Material Type	Material Description	Material Locations	Friable	Sample Numbers	Sample Results	Sample Locations	Asbestos-Containing Material	Approximate Quantity of Asbestos	Condition of Material
45	Asphaltic Roofing Material	Gray Membrane and Glue	Exterior Roof	No	LC - 45A	None Detected	Roof	No	Not Applicable	Not Applicable
					LC - 45B	None Detected	Roof			
46	Asphaltic Roofing Material	Green Shingles	Exterior Roof	No	LC - 46A	None Detected	Roof	No	Not Applicable	Not Applicable
					LC - 46B	None Detected	Roof			

According to EPA, asbestos-containing material (ACM) is defined as any material containing greater than 1% asbestos using laboratory analysis or, by NESHAP, contains less than 10% asbestos is considered positive, unless re-analyzed by PLM point count.

ASBESTOS SURVEY MATERIAL SUMMARY

FORMER LAKE ORION LUMBER YARD LAKE ORION, MICHIGAN

BUILDING 22

Homogeneous Material Number	Material Type	Material Description	Material Locations	Friable	Sample Numbers	Sample Results	Sample Locations	Asbestos-Containing Material	Approximate Quantity of Asbestos	Condition of Material
47	Asphaltic Roofing Material	Gray Roll	Exterior Roof	No	LC - 47A	None Detected	Roof	No	Not Applicable	Not Applicable
					LC - 47B	None Detected	Roof			

According to EPA, asbestos-containing material (ACM) is defined as any material containing greater than 1% asbestos using laboratory analysis or, by NESHAP, contains less than 10% asbestos is considered positive, unless re-analyzed by PLM point count.

ASBESTOS SURVEY MATERIAL SUMMARY

FORMER LAKE ORION LUMBER YARD LAKE ORION, MICHIGAN

BUILDING 23

Homogeneous Material Number	Material Type	Material Description	Material Locations	Friable	Sample Numbers	Sample Results	Sample Locations	Asbestos-Containing Material	Approximate Quantity of Asbestos	Condition of Material
48	Asphaltic Roofing Material	Brown Shingles	Exterior Roof	No	LC - 48A	None Detected	Roof	No	Not Applicable	Not Applicable
					LC - 48B	None Detected	Roof			

According to EPA, asbestos-containing material (ACM) is defined as any material containing greater than 1% asbestos using laboratory analysis or, by NESHAP, contains less than 10% asbestos is considered positive, unless re-analyzed by PLM point count.

ASBESTOS SURVEY MATERIAL SUMMARY

FORMER LAKE ORION LUMBER YARD LAKE ORION, MICHIGAN

BUILDING 24

Homogeneous Material Number	Material Type	Material Description	Material Locations	Friable	Sample Numbers	Sample Results	Sample Locations	Asbestos-Containing Material	Approximate Quantity of Asbestos	Condition of Material
49	Asphaltic Roofing Material	Gray Roll Sheeting and Tar Materials	Exterior Roof	No	LC - 49A LC - 49B	4% Chrysotile Not Analyzed	Roof Roof	Yes	600 Square Feet	Damaged

According to EPA, asbestos-containing material (ACM) is defined as any material containing greater than 1% asbestos using laboratory analysis or, by NESHAP, contains less than 10% asbestos is considered positive, unless re-analyzed by PLM point count.

ASBESTOS SURVEY MATERIAL SUMMARY

FORMER LAKE ORION LUMBER YARD LAKE ORION, MICHIGAN

BUILDING 25A

Homogeneous Material Number	Material Type	Material Description	Material Locations	Friable	Sample Numbers	Sample Results	Sample Locations	Asbestos-Containing Material	Approximate Quantity of Asbestos	Condition of Material
50	Asphaltic Roofing Material	Gray Shingles	Exterior Roof	No	LC - 50A	None Detected	Roof	No	Not Applicable	Not Applicable
					LC - 50B	None Detected	Roof			

According to EPA, asbestos-containing material (ACM) is defined as any material containing greater than 1% asbestos using laboratory analysis or, by NESHAP, contains less than 10% asbestos is considered positive, unless re-analyzed by PLM point count.

ASBESTOS SURVEY MATERIAL SUMMARY

FORMER LAKE ORION LUMBER YARD LAKE ORION, MICHIGAN

BUILDING 25B

Homogeneous Material Number	Material Type	Material Description	Material Locations	Friable	Sample Numbers	Sample Results	Sample Locations	Asbestos-Containing Material	Approximate Quantity of Asbestos	Condition of Material
51	Asphaltic Roofing Material	Gray Shingles	Exterior Roof	No	LC - 51A	None Detected	Roof	No	Not Applicable	Not Applicable
					LC - 51B	None Detected	Roof			

According to EPA, asbestos-containing material (ACM) is defined as any material containing greater than 1% asbestos using laboratory analysis or, by NESHAP, contains less than 10% asbestos is considered positive, unless re-analyzed by PLM point count.

ASBESTOS SURVEY MATERIAL SUMMARY

FORMER LAKE ORION LUMBER YARD LAKE ORION, MICHIGAN

BUILDING 25C

Homogeneous Material Number	Material Type	Material Description	Material Locations	Friable	Sample Numbers	Sample Results	Sample Locations	Asbestos-Containing Material	Approximate Quantity of Asbestos	Condition of Material
52	Asphaltic Roofing Material	Gray Roll	Exterior Roof	No	LC - 52A	None Detected	Roof	No	Not Applicable	Not Applicable
					LC - 52B	None Detected	Roof			

According to EPA, asbestos-containing material (ACM) is defined as any material containing greater than 1% asbestos using laboratory analysis or, by NESHAP, contains less than 10% asbestos is considered positive, unless re-analyzed by PLM point count.

ASBESTOS SURVEY MATERIAL SUMMARY

FORMER LAKE ORION LUMBER YARD LAKE ORION, MICHIGAN

BUILDING 26

Homogeneous Material Number	Material Type	Material Description	Material Locations	Friable	Sample Numbers	Sample Results	Sample Locations	Asbestos-Containing Material	Approximate Quantity of Asbestos	Condition of Material
53	Asphaltic Roofing Material	Gray Shingles	Exterior Roof	No	LC - 53A	None Detected	Roof	No	Not Applicable	Not Applicable
					LC - 53B	None Detected	Roof			

According to EPA, asbestos-containing material (ACM) is defined as any material containing greater than 1% asbestos using laboratory analysis or, by NESHAP, contains less than 10% asbestos is considered positive, unless re-analyzed by PLM point count.

ATTACHMENT B



EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077

Tel/Fax: (800) 220-3675 / (856) 786-5974

<http://www.EMSL.com> / cinnaslab@EMSL.com

EMSL Order: 042405630

Customer ID: BAKE51

Customer PO:

Project ID:

Attention: Gary Case

Michael Baker, Jr. Inc.

100 Airside Drive

Building 100

Moon Township, PA 15108

Project: Lake Orion Lumberyard (Ohio) / 199511

Phone: (412) 375-3996

Fax: (412) 375-3996

Received Date: 03/18/2024 11:30 AM

Analysis Date: 03/26/2024 - 03/30/2024

Collected Date:

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
LO-01A-Mortar <small>042405630-0001</small>		Gray Non-Fibrous Homogeneous	3% Hair	97% Non-fibrous (Other)	None Detected
LO-01A-Skim Coat <small>042405630-0001A</small>		White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
LO-01B-Mortar <small>042405630-0002</small>		Gray Non-Fibrous Homogeneous	3% Hair	97% Non-fibrous (Other)	None Detected
LO-01B-Skim Coat <small>042405630-0002A</small>		White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
LO-01C-Mortar <small>042405630-0003</small>		Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
LO-01C-Skim Coat <small>042405630-0003A</small>		White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
LO-02A <small>042405630-0004</small>		White Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
LO-02B <small>042405630-0005</small>		White Non-Fibrous Homogeneous	15% Cellulose	85% Non-fibrous (Other)	None Detected
LO-03A <small>042405630-0006</small>		Brown Fibrous Homogeneous	20% Cellulose 3% Glass	77% Non-fibrous (Other)	None Detected
LO-03B-Caulk <small>042405630-0007</small>		Red Non-Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
LO-03B-Insulation <small>042405630-0007A</small>		Brown Fibrous Homogeneous	80% Cellulose	20% Non-fibrous (Other)	None Detected
LO-04A <small>042405630-0008</small>		Tan Non-Fibrous Homogeneous	30% Cellulose 10% Min. Wool	60% Non-fibrous (Other)	None Detected
LO-04B <small>042405630-0009</small>		Brown Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
LO-05A <small>042405630-0010</small>		Tan Fibrous Homogeneous	40% Cellulose 20% Min. Wool	40% Non-fibrous (Other)	None Detected
LO-05B <small>042405630-0011</small>		Tan/White Fibrous Homogeneous	80% Cellulose	20% Non-fibrous (Other)	None Detected
LO-06A <small>042405630-0012</small>		Tan Fibrous Homogeneous	35% Cellulose 15% Min. Wool	50% Non-fibrous (Other)	None Detected

Initial report from: 03/30/2024 15:21:37



EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077

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EMSL Order: 042405630
Customer ID: BAKE51
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
LO-06B <i>042405630-0013</i>		Tan/White Fibrous Homogeneous	75% Cellulose	25% Non-fibrous (Other)	None Detected
LO-07A <i>042405630-0014</i>		Tan Fibrous Homogeneous	45% Cellulose 20% Min. Wool	35% Non-fibrous (Other)	None Detected
LO-07B <i>042405630-0015</i>		Tan/White Fibrous Homogeneous	45% Cellulose 20% Min. Wool	35% Non-fibrous (Other)	None Detected
LO-08A <i>042405630-0016</i>		Brown Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
LO-08B <i>042405630-0017</i>		Black Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
LO-09A <i>042405630-0018</i>		Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
LO-09B <i>042405630-0019</i>		Black Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
LO-10A <i>042405630-0020</i>		Black Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected
LO-10B <i>042405630-0021</i>		Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
LO-11A <i>042405630-0022</i>		Gray Fibrous Homogeneous	5% Cellulose	75% Non-fibrous (Other)	20% Chrysotile
LO-11B <i>042405630-0023</i>					Positive Stop (Not Analyzed)
LO-11C <i>042405630-0024</i>					Positive Stop (Not Analyzed)
LO-12A <i>042405630-0025</i>		White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
LO-12B <i>042405630-0026</i>		White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
LO-13A <i>042405630-0027</i> <i>Result includes a small amount of inseparable attached material</i>		Black Non-Fibrous Homogeneous	3% Cellulose	97% Non-fibrous (Other)	None Detected
LO-13B <i>042405630-0028</i>		Black Non-Fibrous Homogeneous	20% Glass	80% Non-fibrous (Other)	None Detected
LO-14A <i>042405630-0029</i>		Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
LO-14B <i>042405630-0030</i>		Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

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EMSL Order: 042405630
Customer ID: BAKE51
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
LO-15A-Floor Tile <i>042405630-0031</i>		Tan/Black Non-Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile
LO-15A-Mastic <i>042405630-0031A</i>		Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
LO-15B-Floor Tile <i>042405630-0032</i>					Positive Stop (Not Analyzed)
LO-15B-Mastic <i>042405630-0032A</i>		Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
LO-16A <i>042405630-0033</i>		Black Fibrous Homogeneous	30% Glass	70% Non-fibrous (Other)	None Detected
LO-16B <i>042405630-0034</i>		Black Non-Fibrous Homogeneous	20% Glass	80% Non-fibrous (Other)	None Detected
LO-17A <i>042405630-0035</i>		Tan Fibrous Homogeneous	20% Cellulose 3% Glass	77% Non-fibrous (Other)	None Detected
LO-17B <i>042405630-0036</i>		Tan Non-Fibrous Homogeneous	15% Cellulose	85% Non-fibrous (Other)	None Detected
LO-18A <i>042405630-0037</i>		Tan Fibrous Homogeneous	40% Cellulose 5% Min. Wool	55% Non-fibrous (Other)	None Detected
LO-18B <i>042405630-0038</i>		Tan/White Fibrous Homogeneous	80% Cellulose	20% Non-fibrous (Other)	None Detected
LO-19A <i>042405630-0039</i> <i>Result includes a small amount of inseparable attached material</i>		Brown Fibrous Homogeneous	25% Glass	75% Non-fibrous (Other)	None Detected
LO-19B <i>042405630-0040</i>		Black Non-Fibrous Homogeneous	20% Glass	80% Non-fibrous (Other)	None Detected
LO-20A <i>042405630-0041</i>		Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
LO-20B <i>042405630-0042</i>		Black Non-Fibrous Homogeneous	15% Glass	85% Non-fibrous (Other)	None Detected
LO-21A <i>042405630-0043</i>		White Fibrous Homogeneous	3% Cellulose 8% Glass	89% Non-fibrous (Other)	None Detected
LO-21B <i>042405630-0044</i>		White Non-Fibrous Homogeneous	5% Glass	95% Non-fibrous (Other)	None Detected
LO-22A <i>042405630-0045</i>		Black Fibrous Homogeneous	12% Glass	88% Non-fibrous (Other)	None Detected
LO-22B <i>042405630-0046</i>		Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
LO-23A <i>042405630-0047</i>		Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
LO-23B <small>042405630-0048</small>		Black Non-Fibrous Homogeneous	10% Glass	90% Non-fibrous (Other)	None Detected
LO-24A <small>042405630-0049</small>		White Fibrous Homogeneous	3% Glass	97% Non-fibrous (Other)	None Detected
LO-24B <small>042405630-0050</small>		White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
LO-25A <small>042405630-0051</small>		Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
LO-25B <small>042405630-0052</small>		Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
LO-26A <small>042405630-0053</small>		Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
LO-26B <small>042405630-0054</small>		Black Non-Fibrous Homogeneous	15% Glass	85% Non-fibrous (Other)	None Detected
LO-27A <small>042405630-0055</small>		Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
LO-27B <small>042405630-0056</small>		Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
LO-28A <small>042405630-0057</small>		Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
LO-28B <small>042405630-0058</small>		Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
LO-29A <small>042405630-0059</small>		Red/Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
LO-29B <small>042405630-0060</small>		Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
LO-30A <small>042405630-0061</small>		Red/Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
LO-30B <small>042405630-0062</small>		Brown/Red/Black Non-Fibrous Heterogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
<small>Result includes a small amount of inseparable attached material</small>					
LO-31A <small>042405630-0063</small>		Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
LO-31B <small>042405630-0064</small>		Black Non-Fibrous Homogeneous	70% Glass	30% Non-fibrous (Other)	None Detected
LO-32A <small>042405630-0065</small>		Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
LO-32B <small>042405630-0066</small>		Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
LO-33A <small>042405630-0067</small>		Various/Black Non-Fibrous Homogeneous	25% Cellulose	75% Non-fibrous (Other)	None Detected
LO-33B <small>042405630-0068</small>		Black Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
LO-34A <small>042405630-0069</small>		Various Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
LO-34B <small>042405630-0070</small>		Black Fibrous Homogeneous	10% Glass	90% Non-fibrous (Other)	None Detected
LO-35A-Shingle <small>042405630-0071</small>		Various/Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
LO-35A-Tar <small>042405630-0071A</small>		Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
LO-35B <small>042405630-0072</small>		Black Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
LO-36A-Shingle <small>042405630-0073</small>		Various/Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
LO-36A-Tar <small>042405630-0073A</small>		Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
LO-36B-Shingle <small>042405630-0074</small>		Black Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
LO-36B-Tar <small>042405630-0074A</small>		Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
LO-37A <small>042405630-0075</small>		Various/Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
LO-37B <small>042405630-0076</small>		Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
LO-38A <small>042405630-0077</small>		Various/Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
LO-38B <small>042405630-0078</small>		Black Fibrous Homogeneous	10% Glass	90% Non-fibrous (Other)	None Detected
LO-39A <small>042405630-0079</small>		Various/Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
LO-39B <small>042405630-0080</small>		Black Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
LO-40A <small>042405630-0081</small>		Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
LO-40B <small>042405630-0082</small>		Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
LO-41A <small>042405630-0083</small>		Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
LO-41B <small>042405630-0084</small>		Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
LO-42A <small>042405630-0085</small>		Various/Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
LO-42B <small>042405630-0086</small>		Black Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
LO-43A <small>042405630-0087</small>		Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
LO-43B <small>042405630-0088</small>		Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
LO-44A <small>042405630-0089</small>		Various/Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
LO-44B <small>042405630-0090</small>		Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
LO-45A <small>042405630-0091</small>		Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
LO-45B <small>042405630-0092</small>		Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
LO-46A <small>042405630-0093</small>		Various/Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
LO-46B <small>042405630-0094</small>		Black Fibrous Homogeneous	15% Cellulose	85% Non-fibrous (Other)	None Detected
LO-47A <small>042405630-0095</small>		Various/Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
LO-47B <small>042405630-0096</small>		Black Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
LO-48A <small>042405630-0097</small>		Various/Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
LO-48B <small>042405630-0098</small>		Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
LO-49A <small>042405630-0099</small>		Black Fibrous Homogeneous		96% Non-fibrous (Other)	4% Chrysotile
LO-49B <small>042405630-0100</small>					Positive Stop (Not Analyzed)

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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
LO-50A <i>042405630-0101</i>		Various/Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
LO-50B <i>042405630-0102</i>		Black Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
LO-51A <i>042405630-0103</i>		Various/Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
LO-51B <i>042405630-0104</i>		Black Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
LO-52A <i>042405630-0105</i>		Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
LO-52B <i>042405630-0106</i>		White Non-Fibrous Homogeneous	5% Glass	95% Non-fibrous (Other)	None Detected
LO-53A <i>042405630-0107</i>		Various/Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
LO-53B <i>042405630-0108</i>		Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Analyst(s)

Megan Bosch (36)
 Selbbep Salgado (33)
 Rebecca Kelly (22)
 Amiri Lewis (22)

Samantha Rundstrom, Laboratory Manager
 or Other Approved Signatory

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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

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ATTACHMENT C

MICHAEL BAKER INTERNATIONAL, INC. – PHOTOGRAPHIC RECORD

PROJECT IDENTIFICATION: Former Lake Orion Lumber Yard, Lake Orion, Michigan

PHOTOGRAPH

1

Building 1

**PHOTOGRAPHS
BY**

**Michael Baker
International**



Comments: Front of Building

PHOTOGRAPH

2

Building 1

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Comments: ACM – Material 11 – Thermal Insulation Board (White)

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PHOTOGRAPH

3

Building 1

**PHOTOGRAPHS
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**Michael Baker
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Comments: ACM – Material 15 – Vinyl Floor Tile & Floor Adhesive (12” x 12” White VFT and Black FA)

PHOTOGRAPH

4

Building 2

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BY**

**Michael Baker
International**



Comments: Front of Building

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PROJECT IDENTIFICATION: Former Lake Orion Lumber Yard, Lake Orion, Michigan

PHOTOGRAPH

5

Building 3

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Comments: Front of Building

PHOTOGRAPH

6

Building 27

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International**



Comments: Front of Building

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PHOTOGRAPH

7

Building 4

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**Michael Baker
International**



Comments:

PHOTOGRAPH

8

Building 5

**PHOTOGRAPHS
BY**

Baker



Comments: Front of Building

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PROJECT IDENTIFICATION: Former Lake Orion Lumber Yard, Lake Orion, Michigan

PHOTOGRAPH

9

Building 6

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Comments:

PHOTOGRAPH

10

Building 7

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Comments: Front of Building

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PROJECT IDENTIFICATION: Former Lake Orion Lumber Yard, Lake Orion, Michigan

PHOTOGRAPH

11

Building 8

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Comments:

PHOTOGRAPH

12

Building 9

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Comments: Front of Building

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PROJECT IDENTIFICATION: Former Lake Orion Lumber Yard, Lake Orion, Michigan

PHOTOGRAPH

13

Building 10

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BY**

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Comments:

PHOTOGRAPH

14

Building 11

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Comments: Front of Building

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PHOTOGRAPH

15

Building 12

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Comments:

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16

Building 13

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Comments: Front of Building

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PHOTOGRAPH

17

Building 14

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Comments:

PHOTOGRAPH

18

Building 15

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Comments: Front of Building

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19

Building 16

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Comments:

PHOTOGRAPH

20

Building 17

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Comments: Front of Building

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PROJECT IDENTIFICATION: Former Lake Orion Lumber Yard, Lake Orion, Michigan

PHOTOGRAPH

21

Building 18A

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Comments:

PHOTOGRAPH

22

Building 18B

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Baker



Comments: Front of Building

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PROJECT IDENTIFICATION: Former Lake Orion Lumber Yard, Lake Orion, Michigan

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23

Building 19A

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Comments:

PHOTOGRAPH

24

Building 19B

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Comments: Front of Building

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PHOTOGRAPH

25

Building 20A

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Comments:

PHOTOGRAPH

26

Building 20B

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Comments: Front of Building

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PHOTOGRAPH

27

Building 21A

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Comments:

PHOTOGRAPH

28

Building 21B

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Comments: Front of Building

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29

Building 22

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Comments:

PHOTOGRAPH

30

Building 23

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Comments: Front of Building

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PHOTOGRAPH

31

Building 24

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BY**

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International**



Comments: Front of Building

PHOTOGRAPH

32

Building 24

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Comments: ACM – Material 49 – Asphaltic Roofing Material (Gray Roll Sheeting and Tar Materials)

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PROJECT IDENTIFICATION: Former Lake Orion Lumber Yard, Lake Orion, Michigan

PHOTOGRAPH

33

Building 25A

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Comments:

PHOTOGRAPH

34

Building 25B

**PHOTOGRAPHS
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Baker



Comments: Front of Building

MICHAEL BAKER INTERNATIONAL, INC. – PHOTOGRAPHIC RECORD

PROJECT IDENTIFICATION: Former Lake Orion Lumber Yard, Lake Orion, Michigan

PHOTOGRAPH

35

Building 25C

**PHOTOGRAPHS
BY**

**Michael Baker
International**



Comments:

PHOTOGRAPH

36

Building 26

**PHOTOGRAPHS
BY**

Baker




Comments: Front of Building

ATTACHMENT D



EMSL ANALYTICAL, INC.

US East Coast: 800-220-3675
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Cinnaminson, New Jersey Testing Laboratory

Laboratory Cinnaminson, NJ (LAB List in Description)
Address 200 Route 130 North, Cinnaminson, NJ, 08077
Phone 1-800-220-3675, Fax: (856) 786-5974
Email c@emsl.com



Click here for [map/directions](#) (courtesy Google Maps)
Hours Mon-Fri 8AM-12AM, Sat. 8AM - 6PM, Sun. On-Call
 Department hours may vary - see below

(Chemistry LAB 01) (Asbestos LAB 04) (Lead LAB 20) (Food Chemistry LAB 21) (Industrial Hygiene LAB 28)
 (Materials LAB 36) (Microbiology LAB 37) (Radon LAB 38) (TO-15 LAB 49) (PCR LAB 61) (Food Microbiology LAB 63) (Radiochemistry LAB 78)

Services Performed	Department Hours
Asbestos Lab Services	
DNA and PCR Testing Laboratory	
Environmental Chemistry Lab Services	
Fire & Smoke Testing Lab	
Food and Beverage Testing	
Industrial Hygiene (IH) Lab Services	M-F 8:30AM-5:00PM
Lead and Metals Lab Services	
Legionella Testing Lab Services	M-F 9:00AM-6:00PM, Saturday Prep Avail
Materials Testing Lab	
Microbiology Laboratory	M-F 9AM-6PM, SAT: Prep & Rush Direct Exams Avail
Radiological Testing	
Silica Lab Services	M-F 9:00AM-5:30PM
USP 797	M-F 9:00AM-6:00PM, Saturday Prep Avail

Qualifications	Certificate #	Expires
AIHA LAP, LLC ELLAP	100194	01/01/2025
AIHA LAP, LLC EMLAP	100194	01/01/2025
AIHA LAP, LLC IHLAP	100194	01/01/2025
A2LA Asbestos, Lead, Chemistry, IH, Materials and Radiochemistry	2845.01	07/31/2024
A2LA Chemistry (Food Chemistry/Materials Science)	2845.15	07/31/2024
A2LA Food Micro	2845.14	07/31/2024
A2LA Material Science/Mechanical	2845.16	07/31/2024
NVLAP - Air and Bulk	101048-0	06/30/2023
IRSST Recognition - PLM and TEM	See list	
NJ - Dept. of Labor and Workforce Development	32871	07/09/2021
National Radon Proficiency Program - Residential Measurement Provider	110140	10/31/2024
National Radon Proficiency Program - Radon	NRPP ID 109000 AL	05/31/2023
National Radon Safety Board - Radon Measurement Specialist	NRSB 19SS026	07/30/2023
National Radon Safety Board - Radon	NRSB-ARL6006	07/30/2023
NSF Material Program (Brake Pads) - SAE J2975:2011	CO192670-AL006	02/28/2023
CDC ELITE - Legionella Certificate of Proficiency	Certificate	12/01/2022
NJ - Radioactive Materials License	535776- RAD210001	10/31/2030
Consumer Product Safety Commission (CPSC) - Cinnaminson - Metals, Lead, Phthalates	Letter - ID #1140	
DOECAP - DOE/DOD - Cinnaminson	2845.01	05/31/2023



EPA - UCMR - Inorganic anions (Chlorate)	Approval letter	
FDA - Drug Firm Registration	3003933331	12/31/2023
US Dept. of Agriculture - Soil Permit	P330-20-00038	02/10/2023
US Dept. of Justice - DEA Certificate	RE0419716	08/31/2023
US Dept. of Justice - Explosives License/Permit	8-NJ-005-33-3F-00326	06/01/2023
AL - Metals, Inorganics, Microbiological and Asbestos in DW	41260	06/30/2023
AL - Radon	NRSB-ARL6006	07/30/2023
AK - Radon	NRSB-ARL6006	07/30/2023
AZ - Airborne and Bulk Asbestos	Letter - AZ0955	06/30/2023
AZ - Radon	NRSB-ARL6006	07/30/2023
AR- Radon	NRSB-ARL6006	07/30/2023
CA - Asbestos, Lead and Chemistry for Metals in Drinking Water; Bulk Asbestos	1877	06/30/2023
CA - Radon	NRSB-ARL6006	07/30/2023
CO - PCM, PLM and TEM	AL-15133	01/30/2024
CO - Asbestos and Lead in Drinking Water	Letter	05/31/2023
CO - Cryptosporidium in Drinking Water	Letter	05/31/2023
CO - Radiochemistry in Drinking Water	Letter	05/31/2023
CO - Radon	NRSB-ARL6006	07/30/2023
CT - Asbestos, Lead, Micro, Legionella, Env. Chemistry, Radiochemicals and Cryptosporidium	PH-0270	06/30/2024
CT - Radon	NRSB-ARL6006	07/30/2023
DE - Asbestos, Chemistry, Radon, Micro, Cryptosporidium and Giardia in Drinking Water	Letter	06/30/2023
FL - Asbestos, Lead, Chemistry, Microbiology, Crypto and Giardia, TO-15, PFAS in Drinking Water	E87975	06/30/2023
FL - Radon	RB2034	07/22/2023
FL - Radon Measurement Specialist	R2687	10/14/2023
GA - Asbestos, Lead, Micro and Cryptosporidium-Giardia	972	06/30/2023
GA - Radon	NRSB-ARL6006	07/30/2023
HI - Asbestos in Drinking Water 100.2	Letter	06/30/2023
HI - PLM, TEM	L-01-032	07/10/2023
HI - Radon	NRSB-ARL6006	07/30/2023
ID - Asbestos in Drinking Water	NJ00337	06/30/2023
ID - Radon	NRSB-ARL6006	07/30/2023
IL - Cryptosporidium	1703036	06/30/2023
IL - Radon	RNL2008202	07/31/2023
IN - Lead, Chemistry and Asbestos in Drinking Water	C-NJ-04	06/30/2023
IN - Radon	RL000015	12/19/2024
IA - Asbestos in Drinking Water	419	02/01/2023
IA - Radon Measurement license	RNLAB10005	02/28/2023
KS - Radon	KS-LB-0005	09/30/2023
KS - Radon Measurement Technician	KS-MS-0482	11/30/2023
KY - Asbestos and Metals in Drinking Water	90123	12/31/2022
KY - Radon	NRSB-ARL6006	07/30/2023
LA - Asbestos and Radiochemistry in Drinking Water	LA004	12/31/2023
LA - Chemistry, Asbestos in Air, Non-potable Water and Solid Hazardous Waste, Fungi Direct and Cultures, Radiochemistry	04127	06/30/2023
LA - Radon	NRSB-ARL6006	07/30/2023
ME - Analyst Individual Certification List	See list	
ME - Asbestos, Radiochemistry, Env. Lead, E. coli, Crypto and Giardia in DW	2022021	08/16/2024
ME - Radon	SPC202	09/30/2024
ME - Air Asbestos Analysis	LA-0038	10/31/2023
ME - Bulk Asbestos Analysis	LB-0039	10/31/2023
MD - Asbestos, Chemistry and Radiochemistry in Drinking Water	331	09/30/2023
MD - Radon	NRSB-ARL6006	07/30/2023
MA - PCM, PLM, TEM	AA000056	09/28/2023
MA - Asbestos, Lead, Micro, Radiochemistry and PFAS in Drinking Water	M-NJ337	06/30/2023
MA - Cryptosporidium	See letter	06/30/2023
MA - Radon	NRSB-ARL6006	07/30/2023
MI - Asbestos, Microbiology, PFAs, Organics, and Radiochemistry in Drinking Water	9970	06/30/2023
MI - Radon	NRSB-ARL6006	07/30/2023

Customer Service



Customer Survey

MN - Asbestos, Lead, and Radiochemistry in Drinking Water; PCBs	2367360	12/31/2023
MN - Radon	RL-00005	01/01/2024
MS - Asbestos in Drinking Water	Letter	06/30/2023
MS - Radon	NRSB-ARL6006	07/30/2023
MO - Radon	NRSB-ARL6006	07/30/2023
MT - Asbestos, Chemistry and Radiochemistry in Drinking Water	CERT0016	01/01/2024
MT - Radon	NRSB-ARL6006	07/30/2023
NE - Micro, Asbestos, Radiochemistry and PFAS in Drinking Water	NE-OS-19-08	06/30/2023
NE - Radon Measurement Specialist	474	03/31/2023
NE - Radon Measurement License	RMB-1083	03/31/2023
NV - Asbestos in DW, Bulk Asbestos (PLM), PFAS, and Radiochemistry	NJ003372023-1	07/31/2023
NV - Radon	NRSB-ARL6006	07/30/2023
NH - Asbestos, Radiochemistry, TCLP and PFAS in Drinking Water	298822	10/22/2023
NH - Radon	NRSB-ARL6006	07/30/2023
NJ - Asbestos, Chemistry, Gravimetric, TO-15, Microbiology, Radon, Cryptosporidium and Giardia (NELAP)	03036	06/30/2023
NJ - Office of Attorney General - Controlled Dangerous Substances	CA00030200	03/31/2023
NJ - Radioactive Materials License	535776- RAD210001	10/31/2030
NJ - Radon Measurement License	MEB92525	04/24/2024
NJ - Radon Measurement Specialist	MES13910	09/18/2023
NJ - Dept. of Labor and Workforce Development	32871	07/09/2023
NJ - DLWD OSC - Permit to Store Explosives	14086	03/31/2022
NM - Micro, Asbestos, Metals, Radiochemistry and PFAs in Drinking Water	NJ00337	06/30/2023
NM - Radon	NRSB-ARL6006	07/30/2023
NY - Asbestos, Metals, TCLP, Lead, Chemistry, PCBs, Radon, Total Coliform, TO-15, and TO-10A, PFOS, PFOA	10872	04/01/2023
NY - Legionella, Potable and Non-potable	10872	04/01/2023
NC - Asbestos, Cryptosporidium, Metals and Radiochemistry in Drinking Water	34700	07/31/2023
NC - Radon	NRSB-ARL6006	07/30/2023
ND - Radon	NRSB-ARL6006	07/30/2023
ND - TCLP, Metals and Pesticides	R-208	06/30/2023
OH - Cryptosporidium	Letter	06/30/2023
OH - Lead in Paint Chips, Wipes, Soil and Air	E10002	06/02/2023
OH - Radon	RL39	07/11/2023
OH - Ohio VAP - Asbestos	CL105	03/11/2023
OK - Asbestos, Lead, Radiochemistry and PFAs in Drinking Water	D9952	08/31/2023
OK - Radon	NRSB-ARL6006	07/30/2023
OR - Radon	NRSB-ARL6006	07/30/2023
PA - Radon	2573	03/19/2023
PA - Radon Analyst Certification	3393	09/18/2023
PA - Asbestos, Chemistry, Radon, Micro and Cryptosporidium	68-00367	11/30/2023
PA - City of Philadelphia - PCM, PLM and TEM	ALL-137	04/30/2023
RI - Asbestos, Chemistry and Radiochemistry in DW	LAO00318	12/30/2023
RI - PCM	PCM00075	04/30/2023
RI - PLM	PLM00075	04/30/2023
RI - Radon Analytical Services	CLS00049	08/31/2023
RI - TEM	TEM00075	04/30/2023
SC - Asbestos in Drinking Water and Cryptosporidium	94017001	06/30/2023
SC - Radon	NRSB-ARL6006	07/30/2023
SD - Asbestos in Drinking Water	Letter	06/30/2023
SD - Radon	NRSB-ARL6006	07/30/2023
TN - Asbestos in Drinking Water	TN02856	06/30/2023
TN - Radon	NRSB-ARL6006	07/30/2023
TX - TO-15; Asbestos, Lead, Chemistry and Micro in Drinking Water	T104704177-22- 21	08/31/2023
TX - PCM, PLM and TEM	300161	11/02/2023
TX - Mold	LAB1002	01/08/2024
TX - Radon	NRSB-ARL6006	07/30/2023
UT - Radon	NRSB-ARL6006	07/30/2023
VT - Analyst Individual Certification List	See list	
VT - PCM, PLM, TEM	AL818603	08/06/2023
VT - Asbestos, Metals and Radiological in Drinking Water	400622	10/03/2023

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VT - Lead	LL379642	08/06/2023
VT - Radon	NRSB-ARL6006	07/30/2023
VA - PCM, PLM and TEM	3333000075	02/28/2023
VA - Radon	NRSB-ARL6006	07/30/2023
VA - NELAC - Asbestos, Lead, Cryptosporidium, Organics, Metals and Inorganics	460184	09/14/2023
WA - Asbestos in Air, Water, Solids; Lead, Methamphetamine and PCBs in Solid and Chemical Materials	C922	07/14/2023
WA - Radon	NRSB-ARL6006	07/30/2023
WV - Air and Bulk Asbestos	LT000621	07/31/2023
WV - Asbestos, Cryptosporidium, PFAs, Radiochemistry in DW	9967 M	12/31/2022
WV - Radon	RL000220	07/31/2023
WI - Radon	NRSB-ARL6006	07/30/2023
WI - Oneida Nation Vendor	121065	04/30/2023
WY - Radon	NRSB-ARL6006	07/30/2023

Chain of Custody Forms

- Asbestos Lab Services
- DNA and PCR Testing Laboratory
- Environmental Chemistry Lab Services
- Fire & Smoke Testing Lab
- Food and Beverage Testing
- Industrial Hygiene (IH) Lab Services
- Lead and Metals Lab Services
- Legionella Testing Lab Services
- Materials Testing Lab
- Microbiology Laboratory
- Radiological Testing
- Silica Lab Services
- USP 797

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We accept:



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- News Releases

State of Michigan
Department of Labor and Economic Opportunity
Michigan Occupational Safety & Health Administration - Asbestos Program

Asbestos Inspector



Gary R. Case
343 Seminole Road
Seminole, PA 16253

Accreditation Number
A13352

Expiration Date
08/14/2024

DOB: 05/02/1963

This individual has satisfactorily met or exceeded the requirements of Michigan Public Act 440 of 1988, as amended, to be accredited as an Asbestos Inspector.

Accreditation card is not valid if altered. **166457**

State of Michigan
Department of Labor and Economic Opportunity
Michigan Occupational Safety & Health Administration - Asbestos Program

Asbestos Project Designer



Gary R. Case
343 Seminole Road
Seminole, PA 16253

Accreditation Number
A13352

Expiration Date
08/14/2024

DOB: 05/02/1963

This individual has satisfactorily met or exceeded the requirements of Section 206 of the Toxic Substances Control Act to be accredited in the above discipline.

Accreditation card is not valid if altered. **166458**

GST

This certifies that

GARY CASE

Has successfully completed the requisite training
for Asbestos Accreditation and passed an examination for

Asbestos Building Inspector Refresher

In accordance with Section 206 of the Toxic Substances Control Act (TSCA) Title 11

Certification Number

173-54-7386-ST

Course Date

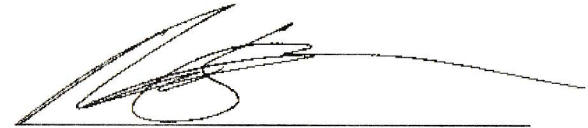
May 17, 2023

Exam Date

May 17, 2023

Expiration Date

May 17, 2024



Nick Stanford
Director of Training

GST Company
357 Northgate Drive, Suite 3
Warrendale, PA 15086
724-831-9724

GST

This certifies that

GARY CASE

Has successfully completed the requisite training
for Asbestos Accreditation and passed an examination for

Asbestos Management Planner Refresher

In accordance with Section 206 of the Toxic Substances Control Act (TSCA) Title 11

Certification Number

173-54-7386-ST

Course Date

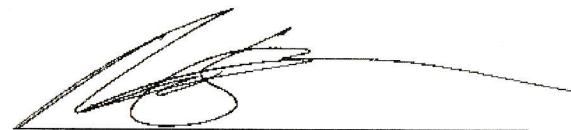
May 17, 2023

Exam Date

May 17, 2023

Expiration Date

May 17, 2024



Nick Stanford
Director of Training

GST Company
357 Northgate Drive, Suite 3
Warrendale, PA 15086
724-831-9724

GST

This certifies that

GARY CASE

Has successfully completed the requisite training
for Asbestos Accreditation and passed an examination for

Asbestos Project Designer Refresher

In accordance with Section 206 of the Toxic Substances Control Act (TSCA) Title 11

Certification Number

173-54-7386-ST

Course Date

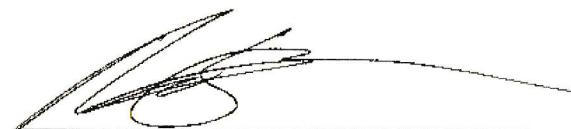
May 16, 2023

Exam Date

May 16, 2023

Expiration Date

May 16, 2024



Nick Stanford
Director of Training

GST Company
357 Northgate Drive, Suite 3
Warrendale, PA 15086
724-831-9724

GST

This is to certify that:

GARY CASE

has successfully completed the 8 hours

LEAD INSPECTOR REFRESHER

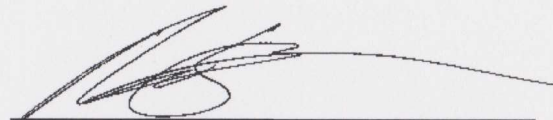
In accordance with 40 CFR 745 with a minimum passing score of 70%
GST Company has received approval as a training provider for Lead Based Paint from the Pennsylvania,
Department of Labor and Industry.

Certificate No.: 1280-ST

Training Course Date(s): June 9, 2021

Examination Date: June 9, 2021

Expiration Date: June 9, 2024



Director of Training, Nick Stanford
357 Northgate Drive, STE 3
Warrendale, PA 15086
724-831-9724



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Denver, Colorado 80221
United States of America

CERTIFICATE OF ACHIEVEMENT

This certificate is awarded to:

GARY CASE

343 Seminole Rd, Seminole, PA 16253

Has successfully completed the required training hours for the refresher course entitled:

LEAD-BASED PAINT RISK ASSESSOR

For the purposes of accreditation under Colorado Regulation No. 19, Residential Lead-based Paint Hazard Reduction Act of 1992 (Title X), and other standards developed by the EPA pursuant to Title IV of TSCA.

COURSE COMPLETION:
EXPIRATION DATE:
COURSE HOURS:

JUNE 11, 2021
JUNE 11, 2024
8.0



Verify this Certificate

Danaya N. Wilson
CEO & Training Program Manager

Credential License ID:
33506027



Matthew Valdez
Instructor

CHC Training Certificate No.:
R21-0107-LRA



Renew this Certificate