

PRE-DEMOLITION ENVIRONMENTAL INSPECTION SUMMARY REPORT

Prepared For:

Detroit Land Bank Authority
65 Cadillac Square, Suite 3200
Detroit, MI 48226

Parcel:	21021867
House No:	15313 Lappin, Detroit, MI 48205
Date Inspected:	6-21-2014
Inspected By:	Andre Richardson
	A-45125

Building Information			
No. Stories	1 + Attic	Latitude	42.437513°
Year Built	1949	Longitude	-82.963248°
Square Footage	1,000 SF		
Basement Square Footage	No Basement		
Siding	Transite	Garage	No Garage
Color	Red	Garage Square Footage	
Roof Shingles	Asphalt Shingle	Garage Siding	
Electric (Gone)	Disconnected	Garage Color	
Gas (Gone)	Disconnected	Garage Shingles	



Site Summary

DG#1	A
H	

A = Contains ACM
H—Contains Hazardous Materials
T = Tires
DG = Demo Group #0-5
O—Occupied



38900 West Huron River Drive, Romulus, MI 48174
PHONE: (734) 955-6600 FAX: (734) 955-6604
WEBSITE: www.2etc.com

ETC Job #: 155319

Pre-Demolition Environmental Inspection Summary Report

Parcel: 21021867
House No. 15313 Lappin, Detroit, MI 48205
Date Inspected: 6-21-2014

TABLE 1

HAZARDOUS MATERIALS

Material	Quantity & Units	Location
Smoke Detector	1	Kitchen 4

TIRE(s) REPORT

Material	Quantity & Units	Location
None	n/a	n/a

Pre-Demolition Environmental Inspection Summary Report

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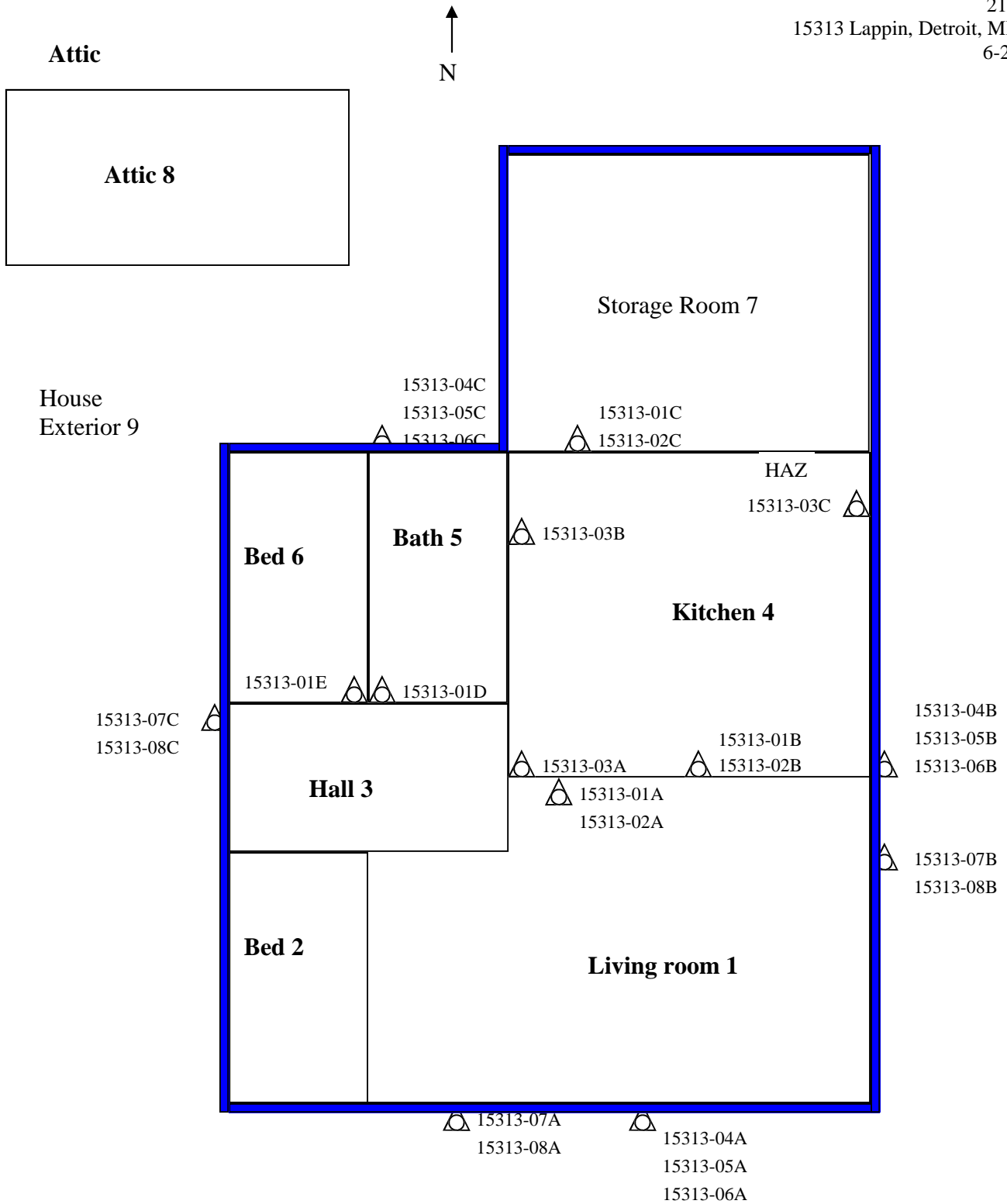
TABLE 2
SUSPECT ASBESTOS CONTAINING MATERIALS



Material #	Material	Material Location	Estimated Quantity	ACM Present
1	Plaster	Rooms 1-7	2,500 SF	No
2	Drywall (including tape/mud)	Rooms 1-7	2,500 SF	No
3	Floor tile, 12 x 12, Grey & Brown, Peel n Stick	Kitchen 4	250 SF	No
4	Roof Shingles, Black	Home Exterior 9	1,000 SF	No
5	Roof Shingles, Black, Under Material 4	Home Exterior 9	1,000 SF	No
6	Roof Felt, Black, Under Material 5	Home Exterior 9	1,000 SF	No
7	Transite Siding, Red	Home Exterior 9	2,500 SF	YES
8	Fibrous Paper (under siding)	Home Exterior 9	2,500 SF	No

Table 2 - Is a summary of the materials that were sampled. Materials that test positive for asbestos have been bolded to make identification easier. Quantities that are listed are estimates only. It is the contractor's responsibility to verify all amounts of asbestos identified during the bid process.

Attachment:

Site Drawing



  Asbestos containing materials

HAZ Hazardous materials

 Sample location

 Tires

Please Note: This is a rough floor plan only. All items, (doorways, Windows, etc.) may not be included in this illustration. Also, room and component sizes are not drawn to scale.

Attachment:

Site Photographs

Representative Pictures of Hazardous Materials

Parcel:	21021867
House No.	15313 Lappin, Detroit, MI 48205
Date Inspected:	6-21-2014



Smoke Detector, Kitchen 4

Representative Pictures of Asbestos Containing Materials

Parcel:	21021867
House No.	15313 Lappin, Detroit, MI 48205
Date Inspected:	6-21-2014



Red transite siding on home exterior

Attachment:

Laboratory Analytical Results

ENVIRONMENTAL TESTING LABORATORIES, INC.



38900 HURON RIVER DRIVE, SUITE 200
ROMULUS, MICHIGAN 48174
(734) 955-6600
FAX: (734) 955-6604

To : Environmental Testing And Consulting Inc.
38900 Huron River Drive
Romulus, MI 48174

Project Location : Vacant Residence
15313 Lappin, Detroit, MI

Attention : Juanita Jones

Client Project : N/A

ETC Job : 155319
Report Date : 6/26/2014

Login #	Sample ID	Work Requested	Completed
182657	1A	Asbestos Analysis	06/26/2014
182658	1B	Asbestos Analysis	06/26/2014
182659	1C	Asbestos Analysis	06/26/2014
182660	1D	Asbestos Analysis	06/26/2014
182661	1E	Asbestos Analysis	06/26/2014
182662	2A	Asbestos Analysis	06/26/2014
182663	2B	Asbestos Analysis	06/26/2014
182664	2C	Asbestos Analysis	06/26/2014
182665	3A	Asbestos Analysis	06/26/2014
182666	3B	Asbestos Analysis	06/26/2014
182667	3C	Asbestos Analysis	06/26/2014
182668	4A	Asbestos Analysis	06/26/2014
182669	4B	Asbestos Analysis	06/26/2014
182670	4C	Asbestos Analysis	06/26/2014
182671	5A	Asbestos Analysis	06/26/2014
182672	5B	Asbestos Analysis	06/26/2014
182673	5C	Asbestos Analysis	06/26/2014
182674	6A	Asbestos Analysis	06/26/2014
182675	6B	Asbestos Analysis	06/26/2014
182676	6C	Asbestos Analysis	06/26/2014

This report is intended for use solely by the individual or entity to which it is addressed. This report may not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. It may contain information that is privileged, confidential and otherwise exempt by law from disclosure. If the reader of this information is not the intended recipient or an employee of its intended recipient, you are herewith notified that any dissemination, distribution or copying of this information is strictly prohibited. If you have received this information in error, please notify ETL immediately. Thank you.

Login #	Sample ID	Work Requested	Completed
182677	7A	Asbestos Analysis	06/26/2014
182678	7B	Asbestos Analysis	06/26/2014
182679	7C	Asbestos Analysis	06/26/2014
182680	8A	Asbestos Analysis	06/26/2014
182681	8B	Asbestos Analysis	06/26/2014
182682	8C	Asbestos Analysis	06/26/2014

Reviewed by:



Quality Assurance Coordinator

Polarized Light Microscopy Asbestos Analysis Report

To : Environmental Testing And Consulting Inc.
 38900 Huron River Drive
 Romulus, MI 48174
Location : Vacant Residence
 15313 Lappin, Detroit, MI

ETC Job : 155319
Client Project : N/A
Date Collected : 06/21/2014
Date Received : 06/23/2014
Date Analyzed : 06/26/2014

Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
182657 1A LR 1 Layer-1 Analyst: Natalie Barnas	Plaster	Grey Non-Fibrous Homogenous	10% Cellulose	90% Other	None Detected
182657 1A LR 1 Layer-2 Analyst: Natalie Barnas	Skim Coat	White Non-Fibrous Homogenous	1% Cellulose	99% Other	None Detected
182658 1B KN 4 Layer-1 Analyst: Natalie Barnas	Plaster	Grey Non-Fibrous Homogenous	10% Cellulose	90% Other	None Detected
182658 1B KN 4 Layer-2 Analyst: Natalie Barnas	Skim Coat	White Non-Fibrous Homogenous	1% Cellulose	99% Other	None Detected
182659 1C SR 7 Layer-1 Analyst: Natalie Barnas	Plaster	Grey Non-Fibrous Homogenous	10% Cellulose	90% Other	None Detected
182659 1C SR 7 Layer-2 Analyst: Natalie Barnas	Skim Coat	White Non-Fibrous Homogenous	1% Cellulose	99% Other	None Detected
182660 1D Bath 5 Layer-1 Analyst: Natalie Barnas	Plaster	Grey Non-Fibrous Homogenous	7% Cellulose	93% Other	None Detected
182660 1D Bath 5 Layer-2 Analyst: Natalie Barnas	Skim Coat	White Non-Fibrous Homogenous	2% Cellulose	98% Other	None Detected

Polarized Light Microscopy Asbestos Analysis Report

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Client Project : N/A
Date Collected : 06/21/2014
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Date Analyzed : 06/26/2014

Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
182661 1E BR 6 Layer-1 Analyst: Natalie Barnas	Plaster	Grey Non-Fibrous Homogenous	5% Cellulose	95% Other	None Detected
182661 1E BR 6 Layer-2 Analyst: Natalie Barnas	Skim Coat	White Non-Fibrous Homogenous	3% Cellulose	97% Other	None Detected
182662 2A LR 1 Analyst: Natalie Barnas	Drywall	White Non-Fibrous Homogenous	20% Cellulose	80% Other	None Detected
182663 2B KN 4 Analyst: Natalie Barnas	Drywall	White Non-Fibrous Homogenous	30% Cellulose	70% Other	None Detected
182664 2C SR 7 Analyst: Natalie Barnas	Drywall	White Non-Fibrous Homogenous	30% Cellulose	70% Other	None Detected
182665 3A KN 4 Analyst: Natalie Barnas	12x12 Tile	Grey Non-Fibrous Homogenous	2% Cellulose	98% Other	None Detected
182666 3B KN 4 Analyst: Natalie Barnas	12x12 Tile	Grey Non-Fibrous Homogenous	1% Cellulose	99% Other	None Detected
182667 3C KN 4 Analyst: Natalie Barnas	12x12 Tile	Grey Non-Fibrous Homogenous	1% Cellulose	99% Other	None Detected

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ETC Job : 155319
Client Project : N/A
Date Collected : 06/21/2014
Date Received : 06/23/2014
Date Analyzed : 06/26/2014

Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
182668 4A Home Ext 9 Analyst: Natalie Barnas	Shingles	Black Non-Fibrous Homogenous	1% Cellulose	99% Other	None Detected
182669 4B Home Ext 9 Analyst: Natalie Barnas	Shingles	Black Non-Fibrous Homogenous	2% Cellulose	98% Other	None Detected
182670 4C Home Ext 9 Analyst: Natalie Barnas	Shingles	Black Non-Fibrous Non-Homogenous	1% Cellulose	99% Other	None Detected
182671 5A Home Ext 9 Analyst: Natalie Barnas	Shingle (Under Mat.4)	Black Non-Fibrous Homogenous	2% Cellulose	98% Other	None Detected
182672 5B Home Ext 9 Analyst: Natalie Barnas	Shingle (Under Mat.4)	Black Non-Fibrous Homogenous	1% Cellulose	99% Other	None Detected
182673 5C Home Ext 9 Analyst: Natalie Barnas	Shingle (Under Mat.4)	Black Non-Fibrous Homogenous	1% Cellulose	99% Other	None Detected
182674 6A Home Ext 9 Analyst: Natalie Barnas	Felt	Black Non-Fibrous Homogenous	2% Cellulose	98% Other	None Detected
182675 6B Home Ext 9 Analyst: Natalie Barnas	Felt	Black Non-Fibrous Homogenous	3% Cellulose	97% Other	None Detected

Polarized Light Microscopy Asbestos Analysis Report

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 Romulus, MI 48174
Location : Vacant Residence
 15313 Lappin, Detroit, MI

ETC Job : 155319
Client Project : N/A
Date Collected : 06/21/2014
Date Received : 06/23/2014
Date Analyzed : 06/26/2014

Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
182676 6C Home Ext 9 Analyst: Natalie Barnas	Felt	Black Non-Fibrous Homogenous	1% Cellulose	99% Other	None Detected
182677 7A Home Ext 9 Analyst: Natalie Barnas	Transite	Grey Non-Fibrous Homogenous	1% Cellulose	89% Other	10% Chrysotile
182678 7B Home Ext 9 Analyst: Natalie Barnas		Not Analyzed			
182679 7C Home Ext 9 Analyst: Natalie Barnas		Not Analyzed			
182680 8A Home Ext 9 Analyst: Natalie Barnas	Fibrous Paper	Black Fibrous Homogenous	45% Cellulose	55% Other	None Detected
182681 8B Home Ext 9 Analyst: Natalie Barnas	Fibrous Paper	Black Fibrous Homogenous	50% Cellulose	50% Other	None Detected
182682 8C Home Ext 9 Analyst: Natalie Barnas	Fibrous Paper	Black Fibrous Homogenous	50% Cellulose	50% Other	None Detected



Lab Supervisor/Other Signatory



Analyst: Natalie Barnas



Certificate of Analysis

Environmental Testing Laboratories, Inc.



38900 Huron River Drive,
Suite 200, Romulus, Michigan 48174,
(734) 955-6600, Fax: (734) 955-6604

Polarized Light Microscopy Asbestos Analysis Report

To : Environmental Testing And Consulting Inc.

38900 Huron River Drive

Romulus, MI 48174

Location : Vacant Residence

15313 Lappin, Detroit, MI

ETC Job : 155319

Client Project : N/A

Date Collected : 06/21/2014

Date Received : 06/23/2014

Date Analyzed : 06/26/2014

Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
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Note: Any PLM results below 10% should be re-analyzed using the EPA recommended Point Count method. Any material that has greater than 1% asbestos content is considered to be an Asbestos Containing Material (ACM). These materials are regulated by both OSHA and the EPA and must be treated accordingly.

PC : Point Count Result

Attachment:

MDEQ Notification of Intent to
Renovate / Demolish Form EQP 5661

NOTIFICATION OF INTENT TO RENOVATE/DEMOLISH



MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
(MDEQ) AIR QUALITY DIVISION
NESHAP, 40 CFR Part 61, Subpart M



MICHIGAN DEPARTMENT OF LICENSING AND
REGULATORY AFFAIRS (LARA), ASBESTOS PROGRAM,
P.A. 135 OF 1986, AS AMENDED, Section 220 (1-4) or (8)

DEQ/LARA USE ONLY

Postmark Date ___/___/___ Rec'd Date ___/___/___
 Emergency Date ___/___/___ Valid No. _____
 OK Send Def Ltr. Date of Def Ltr. ___/___/___
 FOLLOW UP ___/___/___ Spoke w/ _____
 Comments: _____

 Notification No. _____ Trans No. _____

Calculate LARA Asbestos Project Fee: (1% Project Fee)
 Total Project Cost: _____ x 0.01 = _____
 Type of Contractor: _____ License No.: _____
 Licensing Authority: _____

1. NOTIFICATION:
 Date of Notification: _____
 Date of Revision(s): _____
 Notification Type: Original Revised Canceled Annual
Mark appropriate boxes: (both DEQ and LARA may apply):
DEQ (NESHAP) [260 In. ft./160 sq. ft. or more is threshold]
 Planned Renovation – 10 working days notice
 Emergency Renovation
 Scheduled Demolition – 10 working days notice
 Intentional Burn – 10 working days notice
 Ordered Demolition
LARA (MIOSHA) [Will not accept annual notifications]
 Demo, Reno, Encap. (>10 In. ft./15 sq. ft.) 10 calendar days notice
 Emergency Renovation/Encapsulation

2. PROJECT SCHEDULE:

	START DATE	END DATE
* Renovation	_____	_____
+Asb. Removal	_____	_____
+Demolition:	_____	_____
Encapsulation:	_____	_____

Work Schedule: Please indicate the anticipated days of the week and work hours for the purpose of scheduling a compliance inspection.

	Days of the Week	Work Hours
Asb. Removal:	_____	_____
Demolition:	_____	_____
Encapsulation:	_____	_____

* Includes setup, build enclosure, asbestos removal, demobilizing, etc.
 +Include only those dates you are conducting asbestos removal/demo.
 Check here if this is a multi-phased project, attach a schedule showing the start/end date of each phase.

3. ABATEMENT CONTRACTOR: Internal Project #: _____
 Name: _____
 Mailing Address: _____
 City/State/Zip: _____
 E-mail: _____
 Contact: _____ Phone: _____

4. DEMOLITION CONTRACTOR: Internal Project #: _____
 Name: _____
 Mailing Address: _____
 City/State/Zip: _____
 E-mail: _____
 Contact: _____ Phone: _____

5. FACILITY OWNER: ("Facility" includes Bridges)
 Name: _____
 Mailing Address: _____
 City/State/Zip: _____
 E-mail: _____
 Contact: _____ Phone: _____

6. FACILITY DESCRIPTION:
 Facility Name: _____
 Location Address/Description: _____
 _____ If Apt. # of units: _____
 City/Twp. _____ State: _____ Zip Code: _____
 County: _____ Nearest Crossroad: _____
 Size: (sq. ft.) _____ No. of Floors: _____ Floor No.: _____
 Age: _____ Present Use: _____ Prior Use: _____
 Specific Location(s) in Facility: _____

7. DISPOSAL SITE:
 Name: _____
 Location Address: _____
 City/State/Zip: _____

8. WASTE TRANSPORTER 1:	WASTE TRANSPORTER 2:
Name: _____	_____
Address: _____	_____
City/State/Zip: _____	_____
Phone: _____	_____

9. ORDERED DEMOLITIONS: (See NESHAP regulations for definition of "Ordered Demolition.") A copy of the official Order must accompany this notification.
 Gov't Agency Ordering Demo: _____
 Name/Title of Person Signing Order: _____

 Date of Order: _____ Date Ordered to Begin: _____

10. IS ASBESTOS PRESENT? Yes No To be removed prior to demolition

Estimate the amount of asbestos: Include RACM (Regulated Asbestos Containing Material) to be removed, encapsulated, etc. Also include the amount and type (floor tile, roofing, etc.) of non-friable Category I and/or Category II ACM that will not be removed prior to demolition. (NOTE: In a demolition, cementitious ACM cannot remain in a structure, as it is likely to become regulated in the demolition/handling process. It must be removed prior to demolition.)

RACM to be Removed	RACM to be Encapsulated	Non-friable ACM <u>not</u> removed prior to demo.		Units of Measure	
		Category I	Category II		
_____	_____	_____	_____	<input type="checkbox"/> Ln. Ft.	<input type="checkbox"/> Ln. M.
_____	_____	_____	_____	<input type="checkbox"/> Sq. Ft.	<input type="checkbox"/> Sq. M.
_____	_____	_____	_____	<input type="checkbox"/> Cu. Ft.*	<input type="checkbox"/> Cu.M.*

*Volume (cubic ft./meters) should be used only if unable to measure by linear/square measure (example: asbestos has fallen off of surface).

(continued on reverse side)

NOTIFICATION OF INTENT TO RENOVATE/DEMOLISH (continued)

11. PROJECT DESCRIPTION: Complete **A) for Renovation** (asbestos removal/encapsulation) and/or **B) for Demolition:**

A) RENOVATION: Mark all surfaces/types of RACM to be removed:

- Piping Fittings Boiler(s) Tanks(s)
 Beam(s) Duct(s) Tunnel(s) Ceiling Tile(s)
 Mag Block Other (describe) _____

Encapsulation (for LARA): Mark surfaces/types to be encapsulated:

- Piping Fittings Boiler(s) Tank(s)
 Beam(s) Duct(s) Tunnel(s) Ceiling Tile(s)
 Other (describe) _____

Method of removal: Describe how the asbestos will be removed from the surface (example: glove bag, scrape with hand tools, cut in sections and carefully lower, etc.): _____

B) DEMOLITION: Describe the method of demolition of facility, bridge, etc., and indicate if complete or partial. If partial, describe which part of facility bridge, etc., will be demolished: _____

12. ENGINEERING CONTROLS: Describe work practices and engineering controls used to prevent visible emissions before, during, and after removal, and until proper disposal: _____

13. UNEXPECTED ASBESTOS: Describe the steps you intend to follow in the event that unexpected RACM is found or previously non-friable asbestos becomes friable (crumbled, pulverized, reduced to powder, etc.) and therefore regulated: _____

14. PROCEDURE(S) USED TO DETECT THE PRESENCE OF ASBESTOS: **A)** Indicate how you determined whether or not asbestos is in the facility. If analytical sampling was used, describe method of analysis. (The determination of the presence or absence of asbestos must be made prior to submitting a renovation/demolition notification.): _____

B) Name, address, and phone number of company performing asbestos survey: _____

C) Name, accreditation number of inspector, and date of inspection: _____

15. EMERGENCY RENOVATIONS: Date/time of emergency: _____ Describe the sudden, unexpected event: _____

Explain how the event caused unsafe conditions, and/or would cause equipment damage and/or an unreasonable financial burden: _____

16. I certify that an individual trained in the provisions of 40 CFR Part 61, Subpart M, will be on-site during the renovation and during demolition involving RACM above the threshold and/or during an ordered demolition. Evidence that this person has completed the required training will be available for inspection at the renovation or demolition site.

Signature of Owner or Abatement Contractor Date

Signature of Owner or Demolition Contractor Date

17. Signature Requirements for Projects with Negative Pressure Enclosures: (required by LARA)

Per Section 221(1)(2) of P.A. 135 of 1986, as amended, clearance air monitoring is required for any asbestos abatement project involving 10 linear feet/15 square feet or more of friable material which is performed within a negative pressure enclosure. *I (the building owner or lessee) have been advised by the contractor of my responsibility under Act 135 to have clearance air monitoring performed on this project.*

Signature of Building Owner or Lessee Date

Signature of Asbestos Abatement Contractor Representative Date

NOTE: It is not mandatory that a signed copy be sent to LARA unless requested. For affected projects, this section of the notification form must be completed, signed, and made part of your records before the project begins.

18. I certify that the above information is correct:

Printed Name of Owner/Operator Date

Signature of Owner/Operator Date

MAILING ADDRESSES/PHONE NUMBERS: (See Item 1 to determine which agency requirements/regulations are applicable to your project.)

For **Public Act 135 of 1986, as amended, Section 220 (1-4) or (8)**, mail to address below. For more info visit: <http://www.michigan.gov/asbestos>

MIOSHA Asbestos Program
 LARA, CSHD
 P.O. Box 30671
 Lansing, MI 48909-8171

517.636.4551 (office), 517.322.1713 (fax)

For **NESHAP Demolitions/Renovations, 40 CFR, Part 61, Subpart M**, mail notifications to the appropriate address below (by county of subject facility): For more info visit <http://www.michigan.gov/deq> click on Air, then Asbestos NESHAP Program.

All Counties (except Wayne County)

NESHAP Asbestos Program
 DEQ, AQD
 P.O. Box 30260
 Lansing, MI 48909-7760

517.241.7463 (Office)
 517.373.7064 (Revision Line)

Wayne County Only

NESHAP Asbestos Program
 Detroit Field Office, DEQ, AQD
 Cadillac Place, Suite 2-300
 3058 West Grand Boulevard
 Detroit, MI 48202

313.456.4686 (Office)
 313.456.2558 (Revision Line)

Attachment:

Inspection Procedures

Pre-Demolition Environmental Inspection Procedures

HAZARDOUS MATERIALS INSPECTION

A table showing hazardous materials, above the household quantity limitations, found at the house is included as **Table 1: Hazardous Materials**. This table lists non-asbestos materials that may be hazardous and require special handling and disposal requirements. Items that might be in this category include: mercury switches, fluorescent lighting tubes and ballasts, halogen lights, Freon in refrigeration units, pesticides, herbicides, paints, solvents, etc.

Under the Resource Conservation and Recovery Act (RCRA) that addresses hazardous wastes, there is a residential household quantity exclusion. Materials are listed in Table I if they are present in quantities larger than what would typically be expected to be used and disposed in a normal household, and/or may require special handling and disposal requirements, such as: paints, solvents, adhesives, oils, tires, large circuit boards (such as televisions, computers, and security systems), prescription drugs, and syringes. On the other hand, if there were only household sized containers of maintenance, cleaning, non-prescription health and personal hygiene products, radios, and controllers present, as would be found in most homes, these materials would not be listed.

Fluorescent lighting systems have ballasts that have the potential to contain polychlorinated biphenyls (PCBs). Although PCBs are no longer commercially produced in the United States, they may be present in U.S. products that were produced prior to 1979, and may still be commercially available from other countries. Fluorescent bulbs, thermostats, and thermometers may contain mercury and can be treated as Universal Waste, which are streamlined standards for managing common types of hazardous waste.

If obtained, photographs of hazardous materials for the above referenced property are included in **Attachment: Site Photographs**.

ASBESTOS CONTAINING BUILDING MATERIAL INSPECTION

The property was inspected for the presence of asbestos-containing materials (ACMs) in order to meet the requirements of 40 CFR, Part 61, Subpart M, National Emissions Standards for Hazardous Air Pollutants (NESHAP).

Asbestos Inspection

The property was inspected for the presence of suspected ACMs. Typical building materials that may contain asbestos included drywall, plaster, stucco, floor tiles, roofing felt and shingles, ceiling tiles, insulation, pipe insulation, and duct insulation.

Sample Collection

At least two samples of each suspected asbestos containing material identified during the inspection was collected. For surfacing materials (sprayed and/or troweled on) a minimum of three samples were collected for areas that contained less than 1000 square feet of the material; 5 samples were collected for materials 1000 to 5000 square feet, and 7 samples were taken for areas greater than 5000 square feet. A Michigan Accredited Asbestos Inspector collected representative samples of each suspected ACM. Each sample was placed into a sealed plastic bag and labeled. A description of the material and location of the sample collected was recorded in the field notes. The total quantity of each suspected ACM was estimated and recorded in the field notes.

A listing of suspect ACMs at this property that were sampled and sent to the laboratory for analysis is included in **Table 2**. A copy of a floor plan showing sample locations is included in **Attachment: Site Drawing**.

Pre-Demolition Environmental Inspection Procedures

Laboratory Analysis / Results

Each sample of suspect ACM collected at this property was analyzed for asbestos content using polarized light microscopy (PLM) by a NVLAP and NIST accredited laboratory in accordance with 40 CFR Ch. I (1-1-87 Edition) Part 763, Subpart F, Appendix A, pp. 293-299. Asbestos containing materials are defined as materials that contain greater than one percent (>1%) asbestos.

Each sample collected for analysis was delivered to either IATL (International Asbestos Testing Laboratories), 9000 Commerce Parkway, Suite B, Mt. Laurel, NJ 08054, ETL (Environmental Testing Laboratories), 38900 W. Huron River Drive, Suite 200, Romulus, MI 48174, and/or ACM Engineering & Environmental Services, 26598 US Highway 20 West, South Bend, IN 46628. Laboratory results are included in **Attachment: Laboratory Analytical Results.**

SIGNATURE

This report was prepared based on the site conditions that existed at the time of the inspection, sample collection, and the laboratory analytical results.



Prepared by: _____

Andre Richardson, Michigan Certified Asbestos Inspector (s)
Michigan Accreditation Number (s) A-45125