



**NESHAP RENOVATION / DEMOLITION INSPECTION OF
ASBESTOS CONTAINING MATERIALS
AND OTHER HAZARDOUS WASTE MATERIALS
FOR THE PROPERTY KNOWN AS:**

407 Marquette
Muskegon, MI 49442

Prepared for:

City of Muskegon
933 Terrace Street - Room 202
Muskegon, MI 49440
231-724-6760

Prepared By:

ETC - Environmental Services
38900 Huron River Drive
Romulus, Michigan 48174
(734) 955-6600

02/08/2016

ETC Job #: 177230

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1. Introduction

The City of Muskegon contracted ETC - Environmental Services (ETC) to perform a renovation / demolition inspection of the building located at 407 Marquette, Muskegon, MI 49442. This inspection was conducted on 02/08/2016.

The EPA under the National Emission Standards for Hazardous Air Pollutants (NESHAPs) asbestos rule requires that prior to the start of a renovation and/or demolition project, the building must be inspected for asbestos containing materials (ACM's). The purpose of this inspection was to determine the presence and quantity of friable or potentially friable ACM's. Depending on the ACM found and the condition that it is in, removal of the material may be necessary before demolition work is to begin. Prior to the start of a demolition project, it is necessary that friable or potentially friable ACM's be removed.

ETC's certified inspector, Aaron Yankee & Stuart Yankee, conducted the ACBM inspection and identified materials suspected of containing asbestos. Aaron Yankee & Stuart Yankee's State of Michigan Asbestos Building Inspector's certification number is A-42490 & A-4115.

Wherever potential asbestos materials were found, data was collected and recorded regarding quantities and observed conditions of the suspect material. As required by the Occupational Safety and Health (OSHA) and the Environmental Protection Agency (EPA), three (3) samples of each type of material were taken in different locations to determine actual asbestos content.

Included along with this report are copies of the bulk sample results, a site map showing sample locations and a copy of the State of Michigan Notification of Intent to Renovate/Demolish. This information will be necessary for the asbestos abatement contractor selected to perform asbestos abatement activities in the house. ETC has included its information on the second page.

2. Information about Asbestos Inspections

a. Sampling Procedures

Representative bulk samples of suspect asbestos containing building materials were randomly collected within each building area. The materials sampled were broken down into distinct homogenous (similar) materials. Homogenous material determination was based on the following criteria:

- Similar physical characteristics (same color and texture, etc.)
- Application (sprayed-on, troweled-on, assembly into a system etc.)
- Material function (Thermal insulation, floor tile, wallboard system etc.)

It is important to note that some companies are only taking one sample of select non-friable materials. While this procedure is allowed under the NESHAPs regulation, the OSHA standard suggests a minimum of three samples of each

homogeneous material. This is a better approach due the potential errors in the analytical method used. **To provide the most accurate information possible and be sure of our results, ETC chooses to take three samples of each sampled material.**

Additionally, some inspection companies have taken to assuming that materials contain asbestos rather than paying for the time and expenses of sampling them. This is not if the clients best interest. If materials are being assumed to contain asbestos, the client must treat them as asbestos containing even if they are not. This can lead to significantly increased costs for the building owner. **In general, ETC only assumes materials to be asbestos when sampling them will ruin their integrity (i.e. fire doors) or when they are too dangerous to sample (i.e. live electrical lines).**

b. PLM Analysis Methodology

PLM samples were analyzed utilizing the Environmental Protection Agency's Test Methods: Methods for the determination of Asbestos in Bulk Building Materials (EPA 600/R-93/116, July 1993) and the McCrone Research Institute's The Asbestos Particle Atlas as method references. Additional treatment and tests may be required to accurately define composition (i.e. ashing, extraction, acetone treatment, and TEM).

Analysis was performed by using the bulk sample for visual observation and slide preparation(s) for microscopic examination and identification. The samples analyzed for asbestos (chrysotile, amosite, crocidolite, anthophyllite, and actinolite/tremolite), fibrous non-asbestos constituents (mineral wool, cellulose, etc.) and non-fibrous constituents. Using a stereoscope, the microscopist visually estimated relative amounts of each constituent by determining the volume of each constituent in proportion to the total volume of the sample.

According to NESHAP requirements any bulk sample that has asbestos content above 0% but below 10% should be point counted for final determination of percentage. **Please note, the contract DID NOT include point counting as defined in NESHAP.** Should City of Muskegon wish to have this additional analysis conducted, ETC can send any samples in this range for point counting. However, this will require additional charges for analysis. Therefore, for any samples in the range above 0% but below 10% these results can only be considered estimates.

c. Interpretation of Inspection Results

A material is considered by OSHA, the EPA and the State of Michigan to be asbestos-containing if at least one sample collected from the homogenous material has asbestos fibers present in a concentration greater than one percent (>1 %).

A summary of the materials sampled, asbestos content, quantities and locations can be found on the Chart A in Section 4.0 – Summary and Conclusions.

d. Other Hazardous Materials

Additionally, a chart showing other hazardous materials (above the household quantity limitations) found at the site is included in Chart B – Section 4.0 – Summary and Conclusions. This lists non-asbestos materials that may be hazardous and require special handling and disposal requirements. Items that might be in this category include things like mercury switches, florescent lighting tubes, halogen lights, Freon in refrigeration units, pesticides, herbicides, paints, solvents, etc.

However, under the Resource Conservation and Recovery Act (RCRA) that addresses hazardous wastes, there is residential household quantity exclusion. Therefore, these materials will only be listed in this chart if they are present in quantities larger than what would be expected in a normal household. For instance, if the home was a farm and had a 55 gallon drum of pesticide present, this would be listed in Chart B. On the other hand if there were a few pesticide containers present as would be found in most homes these materials would not be listed.

3. Regulatory Requirements

There are two main regulations that affect renovation / demolition of residential homes and asbestos materials. The MIOSHA asbestos construction standard has requirements to protect the workers performing the renovation / demolition while the EPA – NESHAPs regulation has requirements that protect the general public and environment.

a. MIOSHA Construction Asbestos Regulations

The MIOSHA standard establishes a permissible exposure limit (PEL) average over an 8 hour day. This means that this is the maximum level of asbestos that workers and/or employees can be exposed to without respirator protection and protective clothing. Should air sampling during renovation or demolition activities be at or near the PEL the employer will have to:

- Notify Workers
- Worker Training
- Post Danger Signs
- Establish periodic air monitoring regulated areas, and decontamination facilities
- Provide respiratory protection and personnel protective clothing
- Employee Respiration Monitoring
- Record keeping

- Medical Surveillance (if employee will be exposed 30 days per year or more).

Until recently, only schools were federally mandated to conduct asbestos inspections of their buildings. However, with the passage of new MIOSHA regulations, all building owners (in this case City of Muskegon) is now required to notify all renovation / demolition workers of presence, location and quantity of all asbestos containing building materials within the building.

In most cases, it is more practical to have an asbestos contractor removal the ACM from the building prior to renovation / demolition than have the renovation / demolition contractor comply with all these requirements.

b. NESHAP Requirements

Prior to beginning a renovation or demolition project, NESHAP (enforced in Michigan by the Department of Environmental Quality – MDEQ) requires a full inspection of the following materials to determine their asbestos content:

- Friable Materials
- Category 1 – Non-friable Materials (Packings, gaskets, resilient floor covering, and asphalt roofing products)
- Category II – Non-friable Materials (All other non-friable materials)

In general, MDEQ requires any identified asbestos materials to be removed prior to renovation or demolition activities that would dislodge, disturb or otherwise affect these materials. There is an exception that if a licensed supervisor will state in writing that the material will not become friable during the renovation / demolition process it may be left in the building. However, be very careful with this exemption. MDEQ has stated that they believe that the only materials that MIGHT qualify for this exemption would be roofing felt and asphalt roofing materials. In order to use even this small exemption, the following would be required from the demolition contractor:

- A licensed asbestos abatement supervisor will sign that the material will not become friable
- The supervisor will have to be on-site during all renovation or demolition to insure that material stays intact.
- If MDEQ reviews that site and finds the material crumbled or disturbed both the contractor and building owner may be cited up to \$27500 per day.
- The waste generated from the activity must be taken to an asbestos dump and they must be informed that the waste is mixed asbestos waste.

It is obviously very expensive and difficult to try and leave ACM within and area / building during renovation or demolition activities. Therefore, ETC recommends that all ACM be removed. This is why ETC does not assume materials to be ACM.

c. Notification Requirements

When performing abatement work within the State of Michigan, notification requirements depend on the quantity of materials and the friability of the material being removed.

If removing friable material above >160 square feet and / or 260 linear feet, the contractor must provide a ten working day notification to Michigan Department of Environmental Quality (MDEQ) and a ten calendar day notification to Michigan Department of Licensing and Regulatory Affairs (LARA) – Asbestos Program. If only non-friable materials are being removed, MDEQ does not want a notification.

If removing above >15 square feet but < 160 square feet, or > 10 linear feet but < 260 linear feet the contractor only needs to notify the LARA as stated above.

For removals of < 15 square feet or < 10 linear feet, not notification is required.

In conjunction with any notification to LARA, the contractor must pay a 1% fee for the project. This fee is to reflect 1% of the total abatement contract amount.

d. Abatement Requirements

Any company hired to remove identified ACM must insure that all asbestos companies, supervisors, workers are be licensed by the LARA. Additionally, these companies must insure that:

- The State of Michigan must be notified of the work in advance
- An asbestos supervisor must be on-site at all times when work is occurring
- All work must be completed within regulated work areas
- All work must be completed utilizing asbestos work practices defined in the MIOSHA regulations
- Have on-site personnel sampling conducted during the removal activities
- The contractor must request and pass (below 0.05 f/cc) a final asbestos clearance performed by a neutral third party prior to dismantling and leaving the site.
- Meet all other current regulations and standards.

In addition to these requirements, ETC strongly recommends that City of Muskegon insure that they receive the following documents from the contractor prior to making final payment:

- Written / signed documentation from the supervisor if any asbestos materials are to be left in place during renovation or demolition (Not recommended)
- Copy of the asbestos abatement notification
- Copy of the personnel monitoring during the work

- Copy of the final asbestos clearance report

By requiring these documents, City of Muskegon will substantially reduce their liability should something occur during the asbestos removal at this site.

4. Summary and Conclusions

ETC has endeavored to identify potential asbestos containing materials (ACM) that were accessible (without destructive testing) at the time of the inspection, other potential ACM may be buried or inaccessible at the time of the initial survey.

As has been evidenced on numerous other demolition and renovation projects, when tearing out or demolishing existing building surfaces, it is very common to encounter other building materials that were not accessible during the initial testing for ACM or lead / cadmium painted surfaces. It is therefore incumbent on City of Muskegon or their selected construction / renovation contractor to refer to the chart of sampled materials consistently during the renovation process. If materials are encountered during this process that are not clearly identifiable on the initial survey chart, ETC should be called to test and verify the asbestos / lead / cadmium content of these items.

ETC cannot be held responsible for materials encountered after the initial survey is completed unless we are contacted and given the opportunity to test and verify the material content. The costs associated with this additional testing are not included within the scope of this project and will incur additional charges for the additional sampling and analysis.

On the following charts, please find:

- Chart A - Is a summary of the materials that were sampled. Materials that test positive for asbestos have been bolded to make identification easier. ***If additional materials are encountered that were not previously identified, the contractor is responsible to contact ETC and have these materials tested. These additional sampling costs are not included in the scope of work or price for this survey.***

Quantities that are listed are estimates only; in general, listed quantities represent only what was visible during testing. It is likely that where ACM has been identified throughout specific floors, similar materials and quantities exist on other like floors. It is the contractors'/client's responsibility to verify all amounts of asbestos identified during any bid process, or during future renovation and/or demolition activities. Materials that are identical in both relative location and physical description to already tested materials listed in this report should always be assumed to be ACM.

- Chart B – Is a list of other hazardous materials (above RCRA household quantity levels) that will require special handling and disposal by the contractor.

Chart A – Materials Sampled and Asbestos Content

Material #	Material Description	Asbestos	Quantity	Location (Refer to map in Appendix B)
1	Plaster, white/Gray Base, White Finish Layer	No	10,000	Throughout
2	Texture Plaster, Finish	No	300 SF	Room 3
3	Ceiling Tile, 16x16, Orange	No	2500 SF	Rooms 1 & 2
4	Glue Pod, Under Material 3, Black	No	2500 SF	Rooms 1 & 2
5	Floor Tile, 12x12, White Stick On	No	2500 SF	Rooms 1 & 2
6	Floor Tile, 9x9, Brown, Under Material 5	Yes	2500 SF	Rooms 1 & 2
7	Mastic, Black, Under Material 6	No	2500 SF	Rooms 1 & 2
8	Drywall, White	No	3000 SF	Rooms 1-4,10, 11 & 13-15
9	Tape, White	No	3000 SF	Rooms 1-4,10, 11 & 13-15
10	Mud/Joint Compound, White	No	3000 SF	Rooms 1-4,10, 11 & 13-15
11	Blown Insulation, White, Fluffy	No	5000 SF	Throughout
12	Ceiling Tile, 16x16, Tan Paper	No	400 SF	Room 11
13	Glue Pod, Black , Under Mat #12	No	400 SF	Room 11
14	9x9 Floor Tile Grey	Yes	40 SF	Room 10
15	Mastic, Re: #14	No	40 SF	Room 10
16	9x9 Floor Tile, Grey Spotted	No	340 SF	Room 13
17	Mastic ,Re: #16	No	340 SF	Room 13
18	Door /Window Glaze	No	3 Units	Exterior Door/Window
19	Roof Flashing/ Adhesive, Black	No	5,000 SF	Exterior
20	Roof Membrane, Black Heave paper	No	5,000 SF	Exterior

Chart B – Other Hazardous Materials Located
(Above the household quantity Limitations)

Material #	Material Description	Quantity	Location
1	AC Unit	1	Room 2
2	Large Freezer	2	Room 2
3	Walk in Cooler	1	Room 2
4	Arcade Game, TV's, Stereos, Security	11	Rooms 1-3 & 6
5	Exterior Sign	3	Rooms 1 & 2
6	Light Ballasts (Estimated 2 per every 8' tube)	112	Rooms 1 & 2
7	Many Solvents, Paint Thinners & Other House Hold Items & Unlabeled Containers	Large Quantity	Throughout
8	Smoke Detector	1	Room 2
9	Thermostat	1	Room 2
10	Florescent Light Bulbs 8' Tubes	56 + (8 Ext)	Rooms 1 & 2 & Exterior
11	Car Tires	4	Room 11 & 12

5. Inspector's Information

All inspection work was completed by a Michigan certified asbestos abatement inspector as detailed below.

This report reviewed and submitted by:



Aaron Yankee & Stuart Yankee
State of Michigan Certified Asbestos Building Inspector
State of Michigan Card #: A-42490 & A-4115

APPENDICES

APPENDIX A

POLARIZED LIGHT MICROSCOPY ASBESTOS ANALYSIS RESULT FORMS

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 : Commercial Building
407 Marquette, Muskegon, MI

Attention : Samantha Ferguson

Client Project : N/A

ETC Job : 177230

Report Date : 2/17/2016

Login #	Sample ID	Work Requested	Completed
394106	01A	Asbestos Analysis	02/17/2016
394107	01B	Asbestos Analysis	02/17/2016
394108	01C	Asbestos Analysis	02/17/2016
394109	01D	Asbestos Analysis	02/17/2016
394110	01E	Asbestos Analysis	02/17/2016
394111	01F	Asbestos Analysis	02/17/2016
394112	01G	Asbestos Analysis	02/17/2016
394113	02A	Asbestos Analysis	02/17/2016
394114	02B	Asbestos Analysis	02/17/2016
394115	02C	Asbestos Analysis	02/17/2016
394116	03A	Asbestos Analysis	02/17/2016
394117	03B	Asbestos Analysis	02/17/2016
394118	04A	Asbestos Analysis	02/17/2016
394119	04B	Asbestos Analysis	02/17/2016
394120	05A	Asbestos Analysis	02/17/2016
394121	05B	Asbestos Analysis	02/17/2016
394122	06A	Asbestos Analysis	02/17/2016
394123	06B	Asbestos Analysis	02/17/2016
394124	07A	Asbestos Analysis	02/17/2016
394125	07B	Asbestos Analysis	02/17/2016

Login #	Sample ID	Work Requested	Completed
394126	08A	Asbestos Analysis	02/17/2016
394127	08B	Asbestos Analysis	02/17/2016
394128	09A	Asbestos Analysis	02/17/2016
394129	09B	Asbestos Analysis	02/17/2016
394130	10A	Asbestos Analysis	02/17/2016
394131	10B	Asbestos Analysis	02/17/2016
394132	11A	Asbestos Analysis	02/17/2016
394133	11B	Asbestos Analysis	02/17/2016
394134	12A	Asbestos Analysis	02/17/2016
394135	12B	Asbestos Analysis	02/17/2016
394136	13A	Asbestos Analysis	02/17/2016
394137	13B	Asbestos Analysis	02/17/2016
394138	14A	Asbestos Analysis	02/17/2016
394139	14B	Asbestos Analysis	02/17/2016
394140	15A	Asbestos Analysis	02/17/2016
394141	15B	Asbestos Analysis	02/17/2016
394142	16A	Asbestos Analysis	02/17/2016
394143	16B	Asbestos Analysis	02/17/2016
394144	17A	Asbestos Analysis	02/17/2016
394145	17B	Asbestos Analysis	02/17/2016
394146	18A	Asbestos Analysis	02/17/2016
394147	18B	Asbestos Analysis	02/17/2016
394148	19A	Asbestos Analysis	02/17/2016
394149	19B	Asbestos Analysis	02/17/2016
394150	20A	Asbestos Analysis	02/17/2016
394151	20B	Asbestos Analysis	02/17/2016

Login #

Sample ID

Work Requested

Completed

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 : Commercial Building
 407 Marquette, Muskegon, MI

ETC Job : 177230
Client Project : N/A
Date Collected : 02/08/2016
Date Received : 02/11/2016
Date Analyzed : 02/17/2016

Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
394106 01A E Wall Rm 1 Analyst: Ian McCusker No Skim Coat Found	Plaster	White/Grey Non-Fibrous Homogenous		100% Other	None Detected
394107 01B W Wall Rm 1 Layer-1 Analyst: Ian McCusker	Plaster	White/Grey Non-Fibrous Homogenous	2% Cellulose	98% Other	None Detected
394107 01B W Wall Rm 1 Layer-2 Analyst: Ian McCusker	Skim Coat	White Non-Fibrous Homogenous		100% Other	None Detected
394108 01C W Wall Rm 2 Layer-1 Analyst: Ian McCusker	Plaster	White/Grey Non-Fibrous Homogenous	5% Cellulose	95% Other	None Detected
394108 01C W Wall Rm 2 Layer-2 Analyst: Ian McCusker	Skim Coat	White Non-Fibrous Homogenous		100% Other	None Detected
394109 01D Center Column Rm 1 Layer-1 Analyst: Ian McCusker	Plaster	White/Grey Non-Fibrous Homogenous	2% Cellulose	98% Other	None Detected
394109 01D Center Column Rm 1 Layer-2 Analyst: Ian McCusker	Skim Coat	White Non-Fibrous Homogenous		100% Other	None Detected

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Polarized Light Microscopy Asbestos Analysis Report

To : Environmental Testing And Consulting Inc.
 38900 Huron River Drive
 Romulus, MI 48174
Location : Commercial Building
 407 Marquette, Muskegon, MI

ETC Job : 177230
Client Project : N/A
Date Collected : 02/08/2016
Date Received : 02/11/2016
Date Analyzed : 02/17/2016

Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
394110 01E S Wall Rm 12 Layer-1 Analyst: Ian McCusker	Plaster	White/Grey Non-Fibrous Homogenous	2% Cellulose	98% Other	None Detected
394110 01E S Wall Rm 12 Layer-2 Analyst: Ian McCusker	Skim Coat	White Non-Fibrous Homogenous		100% Other	None Detected
394111 01F W Wall Rm 13 Layer-1 Analyst: Ian McCusker	Plaster	White/Grey Non-Fibrous Homogenous	2% Cellulose	98% Other	None Detected
394111 01F W Wall Rm 13 Layer-2 Analyst: Ian McCusker	Skim Coat	White Non-Fibrous Homogenous		100% Other	None Detected
394112 01G E Wall Rm 16 Layer-1 Analyst: Ian McCusker	Plaster	White/Grey Non-Fibrous Homogenous	2% Cellulose	98% Other	None Detected
394112 01G E Wall Rm 16 Layer-2 Analyst: Ian McCusker	Skim Coat	White Non-Fibrous Homogenous		100% Other	None Detected
394113 02A 3 Mez Wall Analyst: Ian McCusker	Textured Finish Plaster	White Non-Fibrous Homogenous		100% Other	None Detected

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Polarized Light Microscopy Asbestos Analysis Report

To : Environmental Testing And Consulting Inc.
 38900 Huron River Drive
 Romulus, MI 48174
Location : Commercial Building
 407 Marquette, Muskegon, MI

ETC Job : 177230
Client Project : N/A
Date Collected : 02/08/2016
Date Received : 02/11/2016
Date Analyzed : 02/17/2016

Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
394114 02B 3 Mez Wall Analyst: Ian McCusker	Textured Finish Plaster	White Non-Fibrous Homogenous		100% Other	None Detected
394115 02C 3 Mez Wall Analyst: Ian McCusker	Textured Finish Plaster	White Non-Fibrous Homogenous		100% Other	None Detected
394116 03A Rm 1 E Analyst: Ian McCusker	16x16 Ceiling Tile	Orange Fibrous Homogenous	100% Cellulose		None Detected
394117 03B Rm 2 S Analyst: Ian McCusker	16x16 Ceiling Tile	Orange Fibrous Homogenous	100% Cellulose		None Detected
394118 04A Rm 1 E Analyst: Ian McCusker	Glue Pod (under mat 03)	Black Non-Fibrous Homogenous		100% Other	None Detected
394119 04B Rm 2 S Analyst: Ian McCusker	Glue Pod (under mat 03)	Black Non-Fibrous Homogenous		100% Other	None Detected
394120 05A Rm 1 E Analyst: Ian McCusker	12x12 Stick-On Floor Tile	White Non-Fibrous Homogenous		100% Other	None Detected

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Location : Commercial Building
 407 Marquette, Muskegon, MI

ETC Job : 177230
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Date Collected : 02/08/2016
Date Received : 02/11/2016
Date Analyzed : 02/17/2016

Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
394121 05B Rm 2 S Analyst: Ian McCusker	12x12 Stick-On Floor Tile	White Non-Fibrous Homogenous		100% Other	None Detected
394122 06A Rm 1 E Analyst: Ian McCusker	9x9 Floor Tile (under mat 05)	Brown Non-Fibrous Homogenous		98% Other	2% Chrysotile
394123 06B Rm 2 S Analyst: Ian McCusker	9x9 Floor Tile (under mat 05)	Brown Non-Fibrous Homogenous		98% Other	2% Chrysotile
394124 07A Rm 1 Analyst: Ian McCusker	Mastic (under nat 06)	Black Non-Fibrous Homogenous	5% Cellulose	95% Other	None Detected
394125 07B Rm 2 Analyst: Ian McCusker	Mastic (under nat 06)	Black Non-Fibrous Homogenous	5% Cellulose	95% Other	None Detected
394126 08A Rm 3 Ceiling Analyst: Ian McCusker	Drywall	White Non-Fibrous Homogenous		100% Other	None Detected
394127 08B Rm 2 S Wall Analyst: Ian McCusker	Drywall	White Non-Fibrous Homogenous		100% Other	None Detected

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Date Analyzed : 02/17/2016

Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
394128 09A Rm 3 Ceiling Analyst: Ian McCusker	Tape	White Fibrous Homogenous	60% Cellulose	40% Other	None Detected
394129 09B Rm 2 S Wall Analyst: Ian McCusker	Tape	White Fibrous Homogenous	60% Cellulose	40% Other	None Detected
394130 10A Rm 3 Ceiling Analyst: Ian McCusker	Mud/Joint Compound	White Non-Fibrous Homogenous		100% Other	None Detected
394131 10B Rm 2 S Wall Analyst: Ian McCusker	Mud/Joint Compound	White Non-Fibrous Homogenous		100% Other	None Detected
394132 11A Rm 12 Analyst: Ian McCusker	Blown-In Insulation	White Fibrous Homogenous	100% Mineral wool		None Detected
394133 11B Rm 2 Analyst: Ian McCusker	Blown-In Insulation	White Fibrous Homogenous	100% Mineral wool		None Detected
394134 12A Rm 11 Analyst: Ian McCusker	16x16 Ceiling Tile	Tan Fibrous Homogenous	100% Cellulose		None Detected



Polarized Light Microscopy Asbestos Analysis Report

To : Environmental Testing And Consulting Inc.
38900 Huron River Drive
Romulus, MI 48174
Location : Commercial Building
407 Marquette, Muskegon, MI

ETC Job : 177230
Client Project : N/A
Date Collected : 02/08/2016
Date Received : 02/11/2016
Date Analyzed : 02/17/2016

Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
394135 12B Rm 11 Analyst: Ian McCusker	16x16 Ceiling Tile	Tan Fibrous Homogenous	100% Cellulose		None Detected
394136 13A Rm 11 Analyst: Ian McCusker	Glue Pod (under mat 12)	Black Non-Fibrous Homogenous		100% Other	None Detected
394137 13B Rm 11 Analyst: Ian McCusker	Glue Pod (under mat 12)	Black Non-Fibrous Homogenous		100% Other	None Detected
394138 14A Rm 10 Analyst: Ian McCusker	9x9 Floor Tile	Grey Non-Fibrous Homogenous		98% Other	2% Chrysotile
394139 14B Rm 10 Analyst: Ian McCusker	9x9 Floor Tile	Grey Non-Fibrous Homogenous	2% Cellulose	98% Other	None Detected
394140 15A Rm 10 Analyst: Ian McCusker	Mastic (under mat 14)	Black Non-Fibrous Homogenous	3% Cellulose	97% Other	None Detected
394141 15B Rm 10 Analyst: Ian McCusker	Mastic (under mat 14)	Black Non-Fibrous Homogenous	3% Cellulose	97% Other	None Detected

Polarized Light Microscopy Asbestos Analysis Report

To : Environmental Testing And Consulting Inc.
 38900 Huron River Drive
 Romulus, MI 48174
Location : Commercial Building
 407 Marquette, Muskegon, MI

ETC Job : 177230
Client Project : N/A
Date Collected : 02/08/2016
Date Received : 02/11/2016
Date Analyzed : 02/17/2016

Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
394142 16A Rm 13 N End Analyst: Ian McCusker	9x9 Spotted Floor Tile	Grey Non-Fibrous Homogenous	3% Cellulose	97% Other	None Detected
394143 16B Rm 13 N End Analyst: Ian McCusker	9x9 Spotted Floor Tile	Grey Non-Fibrous Homogenous	3% Cellulose	97% Other	None Detected
394144 17A Rm 13 N End Analyst: Ian McCusker	Mastic (under mat 16)	Black Non-Fibrous Homogenous	30% Cellulose	70% Other	None Detected
394145 17B Rm 13 N End Analyst: Ian McCusker	Mastic (under mat 16)	Black Non-Fibrous Homogenous	30% Cellulose	70% Other	None Detected
394146 18A N Ext Door Rm16 Analyst: Ian McCusker	Door/Window Glaze	Grey Non-Fibrous Homogenous		100% Other	None Detected
394147 18B N Ext Door Rm16 Analyst: Ian McCusker	Door/Window Glaze	Grey Non-Fibrous Homogenous		100% Other	None Detected
394148 19A S Side Roof Analyst: Ian McCusker	Roof Flashing/Adhesive	Black Non-Fibrous Homogenous	5% Cellulose	95% Other	None Detected

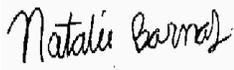
ETL, Inc. maintains liability limited to cost of analysis. This report relates only to the samples reported and may not be reproduced without written approval by ETL, Inc. Test Method EPA 600/R-93-116 & EPA 600/M4-82/020 or NYSDOH-ELAP item 198.1 and/or 198.6 was used to analyze all samples. Matrix interference and/or resolution limits (i.e. detecting asbestos in non-friable organically bound materials) may yield false results in certain circumstances. Quantitative transmission electron microscopy (TEM) is currently the only method that can pronounce materials as non-asbestos containing. Interpretation and use of test results are the responsibility of the client. ETL, Inc. is not responsible for the accuracy of the results when requested to physically separate and analyze layered samples. 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. Results are related to only to samples that were tested.

Polarized Light Microscopy Asbestos Analysis Report

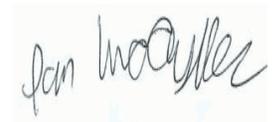
To : Environmental Testing And Consulting Inc.
 38900 Huron River Drive
 Romulus, MI 48174
Location : Commercial Building
 407 Marquette, Muskegon, MI

ETC Job : 177230
Client Project : N/A
Date Collected : 02/08/2016
Date Received : 02/11/2016
Date Analyzed : 02/17/2016

Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Asbestos
394149 19B S Side Roof Analyst: Ian McCusker	Roof Flashing/Adhesive	Black Non-Fibrous Homogenous	5% Cellulose	95% Other	None Detected
394150 20A S Side Roof Analyst: Ian McCusker	Roof Membrane	Black Non-Fibrous Homogenous	5% Cellulose	95% Other	None Detected
394151 20B S Side Roof Analyst: Ian McCusker	Roof Membrane	Black Non-Fibrous Homogenous	5% Cellulose	95% Other	None Detected



Lab Supervisor/Other Signatory



Analyst: Ian McCusker

400 Point Count Results by EPA 600/R-93/116 PLM (denoted by "PC")
 Item 198.1: PLM Methods for Identifying and Quantitating Asbestos in Bulk Samples
 Item 198.6: PLM Methods for Identifying and Quantitating Asbestos in Non-Friable Organically Bound Bulk Samples
 EPA 600/R-93/116: Method for Determination of Asbestos in Bulk Building Materials
 EPA 600/M4-82-020: Interim Method for Determination of Asbestos in Bulk Insulation Samples

ETL, Inc. maintains liability limited to cost of analysis. This report relates only to the samples reported and may not be reproduced without written approval by ETL, Inc. Test Method EPA 600/R-93-116 & EPA 600/M4-82/020 or NYSDOH-ELAP item 198.1 and/or 198.6 was used to analyze all samples. Matrix interference and/or resolution limits (i.e. detecting asbestos in non-friable organically bound materials) may yield false results in certain circumstances. Quantitative transmission electron microscopy (TEM) is currently the only method that can pronounce materials as non-asbestos containing. Interpretation and use of test results are the responsibility of the client. ETL, Inc. is not responsible for the accuracy of the results when requested to physically separate and analyze layered samples. 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. Results are related to only to samples that were tested.

ENVIRONMENTAL TESTING LABORATORIES, INC

38900 Huron River Drive
 Romulus, Michigan 48174
 (734) 955-6600
 Fax: (734) 992-2261
www.2eti.com



**Bulk Asbestos
 Chain of Custody**

ETL Project #: _____

AARON YANKEE

Client: ETC	Contact: STUART YANKEE	Project Location/name: MUSKEGON BLIGHT 407 MARQUETTE AVE MUSKELON MI 49442
Address: Romulus	Phone: _____	
	E-mail: _____	
Please Provide Results: <input type="checkbox"/> Email <input type="checkbox"/> Fax <input type="checkbox"/> Verbal <input type="checkbox"/> Other _____		Client Project #: 177230 Date Sampled: 2-8-16

Turnaround Time (TAT): RUSH Same Day 24 hr 48 hr Standard (3+ days) Other _____

PLM Instructions
 (Check all that apply)

<input checked="" type="checkbox"/> PLM EPA600/R-93/116, 1993 (Standard method)	<input type="checkbox"/> Stop at 1st Positive - Clearly mark Homogenous Group
<input checked="" type="checkbox"/> Point Counting: 400 Points*	
<input type="checkbox"/> PLM Non-Building Material (Dust, Wipe, Tape)	<input type="checkbox"/> Soil or Vermiculite Analysis *

* Additional charge and turnaround may be required

Lab ID	Sample ID	Sample Location	Material Description
394166	01A-01G	SEE SUMMARY SHEETS	
	02A-02C		
394151	03A-20B		

	Date	Time
Relinquished (Name/Organization): STU YANKEE / ETC	2-9-16	am/pm
Received (Name/ETL): <i>[Signature]</i>	2-11-16	am/pm
Stereoscopical Analysis (Name/ETL): <i>[Signature]</i>	2-16-16	am/pm
Sample Login (Name/ETL): <i>[Signature]</i>	2-11-16	am/pm
Analysis (Name/ETL): <i>[Signature]</i>	2-16-16	am/pm
QA/QC Review (Name/ETL):		am/pm

Special Instructions:	Remarks:
-----------------------	----------

Asbestos Material Sampling Summary Sheet

Surfacing materials

Revision date 5/7/2015

Job #:	Building:				Date:		
Material no.	Material Description	Friable (F) / Non-Friable (NF)	Sample Letter	Sample Location	Material Located throughout bldg (Please List all Rooms)	Quantity	Picture #
01	Material: PLASTER WHITE/GRAY BASE WHITE FINISH LAYER	F	A	NORTH EAST WALL - RM 1	THROUGHOUT	10,000 SF	394106
	B		WEST WALL - RM 1	394107			
	C		WEST WALL - RM 2	394108			
	D		CENTER COLUMN RM 1	394109			
	E		S WALL - RM 12	394110			
	F		W WALL - RM 13	394111			
	G		E WALL - RM 16	394112			
02	Material: TEXTURE PLASTER FINISH	F	A	3 MEZ - WALL	3	300 SF	394113
	B			394114			
	C			394115			
	Material:						

000 SF = 3 samples

1000 - <5000 = 5 samples

>5000 = 7 samples

Asbestos Material Sampling Summary Sheet
Miscellaneous materials

Revision date 5/7/2015

Job #: 177230		Building: 407 MARQUETTE AVE			Date: 2-8-16		
Material no.	Material Description	Friable (F) / Non-Friable (NF)	Sample Letter	Sample Location	Material Located throughout bldg (Please List all Rooms)	Quantity	Picture #
03	Material: ceiling TILE	F	A	RM 1 EAST	1, 2	2,500 SF	394116
	Description: 16" x 16" ORANGE		B	RM 2 SOUTH			394117
04	Material: GLUE POND	NF	A	RM 1 EAST	1, 2	2,500 SF	394118
	Description: REI MAT #3 - BLACK		B	RM 2 SOUTH			394119
05	Material: FLOOR TILE	F	A	RM 1 EAST	1, 2	2500 SF	394120
	Description: 12x12 WHITE STICK ON		B	RM 2 SOUTH			394121
06	Material: FLOOR TILE	F	A	RM 1 NORTH WALL EAST	1, 2	2,500 SF	394122
	Description: 9x9 BROWN (under #5)		B	RM 2 EAST SOUTH			394123
07	Material: MASTIC	NF	A	RM 1	1, 2	2500 SF	394124
	Description: BLACK FOR #6		B	RM 2			394125
08	Material: DRYWALL	F	A	RM 3 ceiling	1, 2, 3, 4, 10 11, 13, 14, 15	3,000 SF	394126
	Description: white		B	RM 2 S.W.A.I.I			394127
09	Material: TAPE	F	A	RM 3 CEILING	2	2	394128
	Description: white		B	RM 2 S.W.A.I.I			394129
10	Material: MD/Joint compound	F	A	RM 3 ceiling	2	2	394130
	Description: white		B	RM 2 S.W.A.I.I			394131
11	Material: BLOWN INSULATION	F	A	RM 12	throughout	5,000 SF	394132
	Description: white fluff		B	RM 2			394133
12	Material: CEILING TILE	F	A	RM 11	11	400 SF	394134
	Description: 16x16 TAN PAPER		B	RM 11			394135

Asbestos Material Sampling Summary Sheet
Miscellaneous materials

Revision date 5/7/2015:

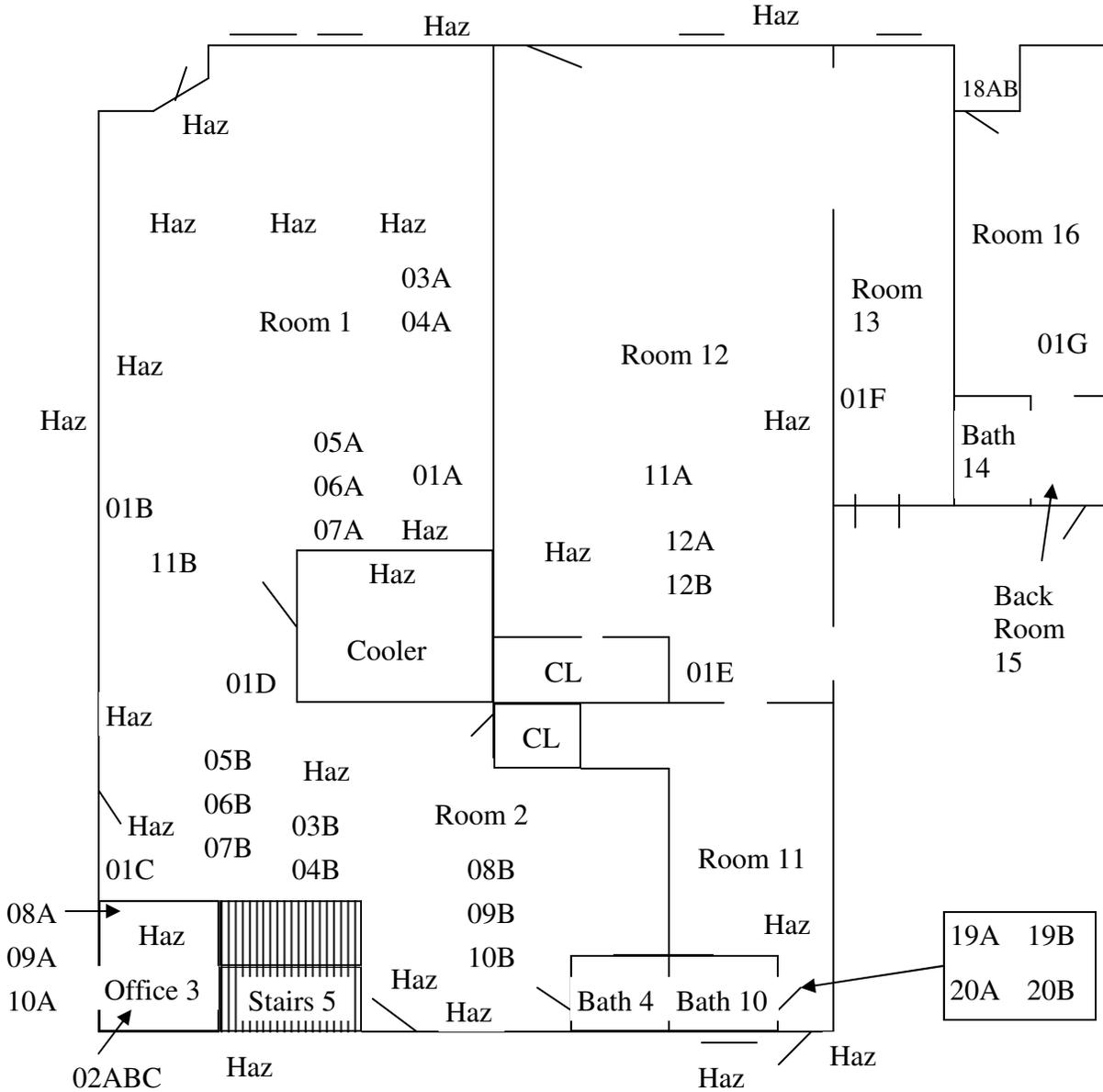
Job #: 177230		Building: 407 MARQUETTE AVE			Date: 2-8-16		
Material no.	Material Description	Friable (F) / Non-Friable (NF)	Sample Letter	Sample Location	Material Located throughout bldg (Please List all Rooms)	Quantity	Picture #
13	Material: GLUE POD	NF	A	RM 11	11	400 SF	394136
	Description: BLACK REI MAT'L #12		B	RM 11			394137
14	Material: GLUE FLOOR TILE	F	A	RM 10	10, 8	40 SF	394138
	Description: 9x9 GRAY		B	RM 10			394139
15	Material: MASTIC	NF	A	RM 10	10, 8	40 SF	394140
	Description: REI #14		B	RM 10			394141
16	Material: FLOOR TILE	F	A	RM 13 - NORTH END	13	360 SF	394142
	Description: 9x9 GRAY SPOTTED		B	RM 13			394143
17	Material: MASTIC	NF	A	RM 13	13	360 SF	394144
	Description: REI TO #16		B	RM 13			394145
18	Material: DOOR/WINDOW GLAZE	F	A	N EXT DOOR RM 16	EXT DOOR/WIN.	3 UNIT	394146
	Description: GRAY		B	" " "			394147
19	Material: ROOF FLASHING ADHESIVE	NF	A	South side Roof	EXT	5,000 SF	394148
	Description: BLACK SHINY		B				394149
20	Material: ROOF MEMBRANE	F	A	2 2 5	EXT	5,000 SF	394150
	Description: BLACK HEAVY PAPER		B				
	Material:						
	Description:						
	Material:						
	Description:						

APPENDIX B

SITE MAP

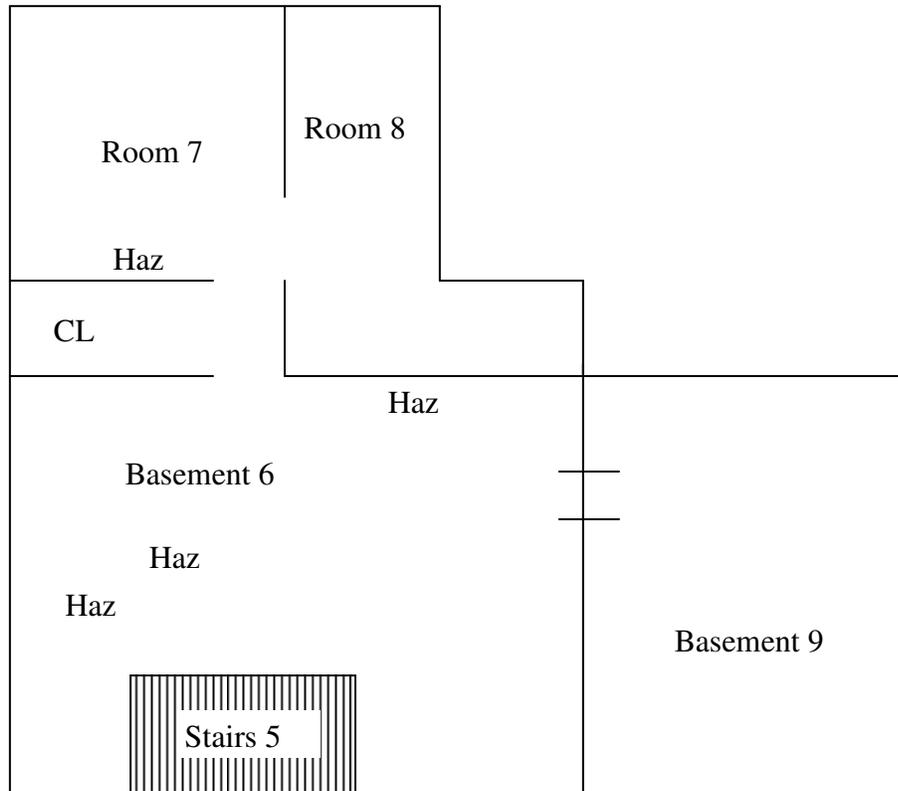
1st floor

Exterior Building 17



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.

Basement



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.



APPENDIX C

PHOTOGRAPHS



Side A



Side B



Side C



Side D



Hazard : Refrigerator /Stero



Hazard : Refrigerator



Hazard : Refrigerator



Hazard: Air Conditioner



Hazard : Centipede Arcade Game



Hazard: Television



Hazard : Security system



Hazard : Misc Electronics



Hazard : Misc Electronics



Hazard : Misc Electronics



Hazard: Misc Electronics



Hazard : Ext Sign



Hazard : Exit Sign



Hazard :Exit Sign



Hazard: Light Ballasts



Hazard : Large quantity Solvents/Paint



Hazard : Numerous Misc. Bottles



Hazard: Numerous Misc. Bottles



Hazard: Misc House hold items



Hazard : Misc Household Items



Hazard : Misc Household Items



Hazard : Misc House hold items



Hazard :Misc Household items



Misc: Paint/ Solvents



Hazard : Misc paint



Hazard: Smoke Detector



Hazard : Misc Thermostat



Hazard : Fluorescent Light



Hazard : Florescent Light



Hazard : Florescent Light



Hazard : Florescent Light



Hazard : Florescent Light



Hazard: Florescent Lights



Hazard : Tires



Hazard :Tires

APPENDIX D

STATE OF MICHIGAN NOTIFICATION OF INTENT TO REMOVE/DEMOLISH

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	Ln. Ft.	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).

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)