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July 8, 2019
Triterra Project #: 19-2171-05

Kalamazoo County Land Bank Authority
Attn: Mr. Kenn Hartmann
1523 Riverview Drive, Suite A
Kalamazoo, Michigan 49004

**SUBJECT: *Asbestos-Containing Materials Inspection and Hazardous Materials Survey
3408 Hoover Street, Kalamazoo, Michigan 49008***

Dear Mr. Hartmann:

Triterra has completed an asbestos-containing materials (ACM) inspection and hazardous materials survey for the residential house located at *3408 Hoover Street in Kalamazoo, Michigan* (the Property) to determine if any ACM or other hazardous non-ACM exist within the structure. This inspection was completed for the Kalamazoo County Land Bank Authority (the User) to ensure compliance with the OSHA Construction Standard for Asbestos (29 CFR 1926.1101) and the United States Environmental Protection Agency (USEPA) requirements for inspection of buildings prior to renovation or demolition under the National Emissions Standards for Hazardous Air Pollutants (NESHAP 40 CFR Part 61). This report outlines and interprets the results of these analyses. A description of the structure, inspection methods, results, and recommendations are provided herein.

Building Description

The Property includes a single-story residential house with an attached garage. This wood-frame home has a concrete block foundation, wood and metal siding, and an asphalt shingle roof. Building materials therein include drywall walls and ceilings, various types of flooring (carpet, vinyl tile, laminate sheet flooring), and various insulating materials (cellulose and wool). Other building materials/components include acoustical ceiling tile, wood wall panels, and a gas furnace which is in the living room.

Hazardous Materials Survey

On June 13, 2019, Greg Ross of Triterra conducted a hazardous materials survey of the Property to identify potential polychlorinated biphenyl (PCB) and mercury containing equipment as well as containers that may contain hazardous or regulated wastes. Any identified material was documented along with its approximate location within or around the structure. A summary of the hazardous materials identified at the Property is presented in Table 1.

ACM Inspection Methods

Greg Ross of Triterra completed an ACM inspection of the structure on June 13, 2019. Mr. Ross is an accredited State of Michigan/EPA Asbestos Building Inspector, certificate number A52547.

Building construction plans, diagrams, and/or User provided information were utilized to assign room/area designations so that all areas of the structure(s) are identifiable for sample location purposes. Each room/area of the structure(s) was then evaluated for suspect ACM. Areas that contain similar suspect ACM were grouped into a single Homogenous Area (a grouping of rooms/spaces containing the same material according to color, texture, and date of application).

Suspect materials were placed into three major categories: surfacing materials, thermal system insulation materials, and miscellaneous materials. Surfacing materials are sprayed-on or troweled-on (i.e. plaster, fireproofing, or acoustical materials). Thermal system insulation materials are used for heat insulation or condensation prevention (i.e. boiler coverings, pipe insulation, or roof drain insulation). Miscellaneous materials are any application that does not fall into the surfacing or thermal system insulation categories (i.e. floor tile, roofing, drywall, etc.).

Representative samples of each encountered suspect ACM were either collected for laboratory analysis or presumed to contain asbestos. Presumed asbestos-containing materials (PACM) are generally thermal system insulation and surfacing materials that have a high likelihood of containing greater than 1% asbestos, and therefore are not sampled. Each sample collected was containerized in double-layer, laboratory-provided, sampling bags. The collected samples were sent to EMSL Analytical, Inc. (EMSL) [Accreditation Number 101048-4] for analysis using polarized light microscopy (PLM). PLM is the most commonly used method for the analysis of bulk samples, using 10 to 400 times power magnification. PLM bulk sample analyses follow the EPA method of the Determination of Asbestos in Bulk Insulation Samples (EPA 600/M4-82-020). The laboratory results indicate the percentage and type of asbestos in the sample and the other fibrous or non-fibrous non-asbestos materials in the sample. Chain-of-custody documentation was followed throughout the sample collection, handling, and shipping to assure quality control requirements were met.

Inspection Results

A total of 21 suspect ACM samples from 17 homogenous areas (HA) were analyzed for the presence of asbestos. The laboratory analytical results are presented in Attachment 1. Photos of identified ACM are included in Attachment 2.

Friable ACM are defined as materials which contain 1 percent or greater asbestos that can be crushed, pulverized, or reduced to powder using hand pressure. No Friable ACM was identified during the inspection.

Non-friable ACM are defined as materials that cannot be crumbled, pulverized, or reduced to a powder by hand pressure. Non-friable ACM is separated into category I and category II non-friable ACM.

- Category I non-friable ACM is defined as packings, gaskets, resilient floor coverings, and asphalt roofing products containing 1 percent or greater asbestos. Category I non-friable ACM identified during the inspection, include:
 - **HA 5:** *9x9-inch tan floor tile* and underlying mastic under the carpet by the back door (Photo 1), and;
 - **HA 10:** *Adhesive* on the ceramic tile backsplash in the kitchen (Photo 2).

- Category II non-friable ACM is defined as any other non-friable material containing 1 percent or greater asbestos, excluding category I non-friable ACM. Category II non-friable ACM identified during the inspection, include:
 - **HA 13:** *Joint compound* on the drywall walls and ceilings throughout the home, and;
 - **HA 14:** *Sink undercoating* on the stainless-steel sink in the kitchen.

The materials sampled during the inspection are detailed in Table 2 (see Attachment 1), which includes their location, description, and ACM status.

Conclusions/Recommendations

Based on Triterra’s understanding of the demolition activities planned for the Property, proper abatement of the Category II non-friable *joint compound* (**HA 13**) and *sink undercoating* (**HA 14**) is required prior to commencing these activities. Additionally, the removal of Category I non-friable materials (and non-ACM hazardous materials) is strongly recommended prior to demolition as these materials may become friable during these activities.

Depending on the type and quantities of ACM that will be removed from the structure(s), notification may need to be provided to the following regulatory agencies 10 working (or calendar) days prior to commencement of work with the submittal of a Notification of Intent to Renovate/Demolish form (EQP 5661). The retained asbestos abatement contractor should complete this form as part of their services. This notification should be provided to the Michigan Department of Environment, Great Lakes, and Energy – Air Quality Division (EGLE-AQD) and Michigan Department of Licensing & Regulatory Affairs (LARA) any time renovation/demolition/asbestos abatement is to be completed on a building.

NESHAP Asbestos Program
EGLE – AQD
P.O. Box 30260
Lansing, Michigan 48909
(517) 284-6777

LARA
MIOSHA Asbestos Program
P.O. Box 30671
Lansing, Michigan 48909
(517) 636-4551

Regulations governing employee exposure to asbestos hazards in the workplace are found in the federal regulations at Title CFR, part 1910.1001, which is the U. S. Occupational Safety and Health Administration (OSHA) asbestos standard. The presence of any ACM in a facility where there is a possibility of employee exposure triggers the applicability of the standard to the workplace and employee. The standard generally applies to labeling, signage, employee training, and personal protective equipment in order to minimize the risk of asbestos exposure. An employer is required to institute a training program for all employees who are exposed to airborne concentrations of asbestos at or above the employee permissible exposure limit and/or excursion limit and ensure employee participation in the program. Air sampling and laboratory analysis are required to determine the concentration of asbestos in the air of the employee work areas.

Disclaimer

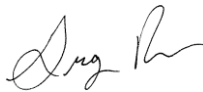
Destructive testing was completed in accessible areas of the structure(s) and/or areas designated by the User throughout this inspection. If suspect ACMs are encountered during demolition activities for which no analytical data exists, Triterra recommends the material(s) remain undisturbed until the asbestos content of the material(s) is determined in accordance with USEPA and OSHA regulations. Quantities presented are meant as a guide and should not be used for bidding purposes without verification.

Triterra completed the work in general conformance with federal, state, and local requirements and made all appropriate inquiry consistent with good commercial or customary practice. Triterra assumes the information provided in this report and by the User and/or property owner is factual, complete, and correct. Triterra does not warrant that this report represents an exhaustive study of all possible environmental concerns associated with asbestos at the property. However, the items included in this report are believed to adequately address the client's needs at this time.

This report was prepared exclusively for the Kalamazoo County Land Bank Authority for the purposes as expressly stated. This report may be unsuitable for other uses, and reliance on its contents by anyone other than the User is done at the sole risk of that party. This report may not be reproduced, sold, or otherwise conveyed to another entity without prior written permission from Triterra.

Should you have any questions or comments regarding this report, please feel free to contact the undersigned at (517) 702-0470.

Sincerely,

The logo for Triterra, featuring the word "TRITERRA" in a bold, sans-serif font. The letter "I" is stylized with a green square containing a white circle, and the letter "T" is also stylized with a green square containing a white circle. The letters are brown.A handwritten signature in black ink, appearing to read "Greg Ross".

Greg Ross
Environmental Technician
Michigan/EPA Certified Asbestos Inspector #A52547

A handwritten signature in blue ink, appearing to read "Alan Snell".

Alan Snell
Project Geologist,
Manager | Hazardous Materials
Michigan/EPA Certified Asbestos Inspector #A47249

Attachments:

TABLES



TABLE 1
REGULATED HAZARDOUS MATERIALS

Project: 3408 Hoover Street
Location: Kalamazoo, Michigan 49008
Project Number: 19-2171-05
Personnel: Greg Ross

Description of Material (hazardous component)	Container Size	Quantity	Location
Tires	NA	2	Garage
Various household cleaners	< 1 Gallon	NA	Kitchen
Mercury switch thermostat	NA	1	Living room



TABLE 2
ASBESTOS CONTAINING MATERIAL
ANALYTICAL RESULTS

Project: 3408 Hoover Street
 Location: Kalamazoo, Michigan 49008
 Project Number: 19-2171-05
 Personnel: Greg Ross

Homogeneous Area (HA)	Sample/Material Description	Sample Identification		Location	% Asbestos Laboratory Result	ACM Classification	Approximate Quantity
1	White ceiling tile - textured	HA-1	M	Living room ceiling	ND	Non-ACM	NA
2	Brown/tan ceiling tile Fiberboard	HA-2	M	Living room ceiling	ND	Non-ACM	NA
3	Wallpaper Fiberboard	HA-3	M	Living room walls under wood paneling	ND	Non-ACM	NA
4	White ceiling tile - smooth	HA-4	M	Bedroom	ND	Non-ACM	NA
5	9x9" Tan floor tile Mastic	HA-5	M	Under carpeting by back door	7 8	Category I Category I	88 Sq. Ft
6	Multicolored laminate flooring Tar paper	HA-6	M	Hall near bathroom, and bedroom floor under carpet	ND	Non-ACM	NA
7	Multicolored laminate flooring - flower pattern	HA-7	M	Under living room carpet	ND	Non-ACM	NA
8	White sheet flooring	HA-8	M	Kitchen	ND	Non-ACM	NA
9	Green/tan flooring	HA-9	M	Kitchen under HA 8	ND	Non-ACM	NA
10	White ceramic tile	HA-10	M	Backsplash near sink in kitchen	ND	Non-ACM	NA
	Grout				ND	Non-ACM	NA
	Adhesive				2	Category I	9 Sq. Ft
	Tape				ND	Non-ACM	NA
11	Blown-in insulation	HA-11	M	Attic and outer wall cavities	ND	Non-ACM	NA
12	Yellow wool insulation Paper wrap	HA-12	M	Attic	ND	Non-ACM	NA
13	Drywall	HA-13A-E	M	Walls and ceilings throughout home	ND	Non-ACM	NA
	Joint Compound				2	Category II	2,315 Sq. Ft
	Tape				ND	Non-ACM	NA
	Wrap				ND	Non-ACM	NA
14	Sink undercoating	HA-14	M	Kitchen sink	9	Category II	8 Sq. Ft
15	Roofing shingle Tar Tar paper	HA-15	M	Roof	ND	Non-ACM	NA
16	Tyvek wrap	HA-16	M	Under wood and metal siding	ND	Non-ACM	NA
17	Window glazing	HA-17	M	Exterior of windows	<1	Non-ACM	NA

Notes:

M = Miscellaneous building material
 S = Surfacing material
 TSI = Thermal system insulation

ND = None Detected
 NA = Not Applicable
 HA = Homogeneous Area

Asbestos Containing Material
 PACM = Presumed ACM

An asbestos-containing material (ACM) is defined as a material containing greater than 1% asbestos. Laboratory results reported as 1% or greater indicate an ACM. ACM identified as friable are friable by definition. ACM identified as Category I and II non-friable ACM that have a high probability of becoming crumbled, pulverized, or reduced to a powder by the forces expected to act on the materials during the course of demolition or renovation, should be removed before demolition.

ATTACHMENT 1

***EMSL ANALYTICAL RESULTS AND
CHAIN OF CUSTODY DOCUMENTATION***



EMSL Analytical, Inc.

15111 Northville Rd Plymouth, MI 48170

Tel/Fax: (734) 668-6810 / (734) 668-8532

<http://www.EMSL.com> / annarborlab@emsl.com

EMSL Order: 081901654

Customer ID: TRIA25

Customer PO:

Project ID:

Attention: Greg Ross
Triterra
1375 S. Washington Avenue
Suite 300
Lansing, MI 48910

Project: 3408 Hoover St.

Phone: (517) 702-0470

Fax:

Received Date: 06/17/2019 9:00 AM

Analysis Date: 06/19/2019

Collected Date:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
HA-1 <small>081901654-0001</small>	Ceiling Tile	Tan Fibrous Homogeneous	98% Cellulose	2% Non-fibrous (Other)	None Detected
HA-2-Ceiling Tile <small>081901654-0002</small>	Ceiling Tile	Tan Fibrous Homogeneous	98% Cellulose	2% Non-fibrous (Other)	None Detected
HA-2-Fiber Board <small>081901654-0002A</small>	Ceiling Tile	Tan Non-Fibrous Homogeneous	98% Cellulose	2% Non-fibrous (Other)	None Detected
HA-3-Wallpaper <small>081901654-0003</small>	Wallpaper w/ Fiberboard	Tan Fibrous Heterogeneous	98% Cellulose	2% Non-fibrous (Other)	None Detected
HA-3-Fiber Board <small>081901654-0003A</small>	Wallpaper w/ Fiberboard	Tan Non-Fibrous Homogeneous	98% Cellulose	2% Non-fibrous (Other)	None Detected
HA-4 <small>081901654-0004</small>	Ceiling Tile	Tan Fibrous Homogeneous	98% Cellulose	2% Non-fibrous (Other)	None Detected
HA-5-Floor Tile <small>081901654-0005</small>	Floor Tile	Tan Non-Fibrous Homogeneous		93% Non-fibrous (Other)	7% Chrysotile
HA-5-Mastic <small>081901654-0005A</small>	Floor Tile	Black Non-Fibrous Homogeneous		92% Non-fibrous (Other)	8% Chrysotile
HA-6-Floor Tile <small>081901654-0006</small>	Laminate Flooring	Brown Fibrous Heterogeneous	65% Cellulose	35% Non-fibrous (Other)	None Detected
HA-6-Tar Paper <small>081901654-0006A</small>	Laminate Flooring	Black Fibrous Homogeneous	85% Cellulose	15% Non-fibrous (Other)	None Detected
HA-7 <small>081901654-0007</small>	Laminate Flooring	Tan/Black Fibrous Heterogeneous	70% Cellulose	30% Non-fibrous (Other)	None Detected
HA-8 <small>081901654-0008</small>	Sheet Flooring	White/Beige Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
HA-9 <small>081901654-0009</small>	Flooring	Tan/Black Fibrous Heterogeneous	65% Cellulose	35% Non-fibrous (Other)	None Detected
HA-10-Ceramic Tile <small>081901654-0010</small>	Ceramic Tile	White Non-Fibrous Homogeneous		8% Quartz 92% Non-fibrous (Other)	None Detected
HA-10-Grout <small>081901654-0010A</small>	Ceramic Tile	White Non-Fibrous Homogeneous		5% Quartz 95% Non-fibrous (Other)	None Detected
HA-10-Adhesive <small>081901654-0010B</small>	Ceramic Tile	Yellow Non-Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile

Initial report from: 06/19/2019 17:02:32



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15111 Northville Rd Plymouth, MI 48170

Tel/Fax: (734) 668-6810 / (734) 668-8532

<http://www.EMSL.com> / annarborlab@emsl.com

EMSL Order: 081901654
Customer ID: TRIA25
Customer PO:
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
HA-10-Tape <i>081901654-0010C</i>	Ceramic Tile	Tan Fibrous Homogeneous	98% Cellulose	2% Non-fibrous (Other)	None Detected
HA-11 <i>081901654-0011</i>	Insulation	Brown Fibrous Homogeneous	75% Cellulose 15% Min. Wool	10% Non-fibrous (Other)	None Detected
HA-12-Wrap <i>081901654-0012</i>	Insulation	Black Fibrous Homogeneous	88% Cellulose	12% Non-fibrous (Other)	None Detected
HA-12-Insulation <i>081901654-0012A</i>	Insulation	Yellow Fibrous Homogeneous	98% Min. Wool	2% Non-fibrous (Other)	None Detected
HA-13 A-Joint Compound A <i>081901654-0013</i>	Drywall	White Non-Fibrous Homogeneous		4% Mica 96% Non-fibrous (Other)	None Detected
HA-13 A-Tape <i>081901654-0013A</i>	Drywall	Beige Fibrous Homogeneous	98% Cellulose	2% Non-fibrous (Other)	None Detected
HA-13 A-Joint Compound B <i>081901654-0013B</i>	Drywall	White Non-Fibrous Homogeneous		4% Mica 96% Non-fibrous (Other)	None Detected
HA-13 A-Wrap <i>081901654-0013C</i>	Drywall	Brown Fibrous Heterogeneous	98% Cellulose	2% Non-fibrous (Other)	None Detected
HA-13 A-Drywall <i>081901654-0013D</i>	Drywall	Gray Non-Fibrous Homogeneous	3% Cellulose	97% Non-fibrous (Other)	None Detected
HA-13 B-Joint Compound <i>081901654-0014</i>	Drywall	White Non-Fibrous Homogeneous		4% Mica 96% Non-fibrous (Other)	None Detected
HA-13 B-Drywall <i>081901654-0014A</i>	Drywall	Gray Non-Fibrous Homogeneous	4% Cellulose	96% Non-fibrous (Other)	None Detected
HA-13 C-Joint Compound A <i>081901654-0015</i>	Drywall	Beige Non-Fibrous Homogeneous		4% Mica 94% Non-fibrous (Other)	2% Chrysotile
HA-13 C-Tape <i>081901654-0015A</i>	Drywall	Beige Fibrous Homogeneous	98% Cellulose	2% Non-fibrous (Other)	None Detected
HA-13 C-Joint Compound B <i>081901654-0015B</i>	Drywall	Beige Non-Fibrous Homogeneous		4% Mica 94% Non-fibrous (Other)	2% Chrysotile
HA-13 C-Drywall <i>081901654-0015C</i>	Drywall	Brown/Gray Non-Fibrous Homogeneous	4% Cellulose	96% Non-fibrous (Other)	None Detected
HA-13 D-Joint Compound <i>081901654-0016</i>	Drywall				Positive Stop (Not Analyzed)
HA-13 D-Drywall <i>081901654-0016A</i>	Drywall	Brown/Gray Fibrous Heterogeneous	7% Cellulose	93% Non-fibrous (Other)	None Detected

Initial report from: 06/19/2019 17:02:32



EMSL Analytical, Inc.

15111 Northville Rd Plymouth, MI 48170

Tel/Fax: (734) 668-6810 / (734) 668-8532

<http://www.EMSL.com> / annarborlab@emsl.com

EMSL Order: 081901654
Customer ID: TRIA25
Customer PO:
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
HA-13 E-Joint Compound	Drywall				Positive Stop (Not Analyzed)
<i>081901654-0017</i>					
HA-13 E-Drywall	Drywall	Brown/Gray Fibrous Heterogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected
<i>081901654-0017A</i>					
HA-14	Sink Undercoat	Black Non-Fibrous Homogeneous		91% Non-fibrous (Other)	9% Chrysotile
<i>081901654-0018</i>					
HA-15-Shingle A	Roofing	Gray/Red/Black Non-Fibrous Heterogeneous	9% Glass	91% Non-fibrous (Other)	None Detected
<i>081901654-0019</i>					
HA-15-Tar	Roofing	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
<i>081901654-0019A</i>					
HA-15-Shingle B	Roofing	Gray/Red/Black Non-Fibrous Homogeneous	9% Glass	91% Non-fibrous (Other)	None Detected
<i>081901654-0019B</i>					
HA-15-Tar Paper	Roofing	Black Fibrous Homogeneous	85% Cellulose	15% Non-fibrous (Other)	None Detected
<i>081901654-0019C</i>					
HA-16	Tyvek Wrap	Black Fibrous Homogeneous	85% Cellulose	15% Non-fibrous (Other)	None Detected
<i>081901654-0020</i>					
HA-17	Glaze	Gray Non-Fibrous Homogeneous	2% Wollastonite	98% Non-fibrous (Other)	<1% Chrysotile
<i>081901654-0021</i>					

Analyst(s)

Conner Frymier (38)
Waverly Ferguson (2)



 Ryan Shannon, Laboratory Manager
 or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method"), but augmented with procedures outlined in the 1993 ("final") version of the method. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. All samples received in acceptable condition unless otherwise noted. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. EMSL recommends gravimetric reduction for all non-friable organically bound materials prior to analysis. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc. Plymouth, MI NVLAP Lab Code 101048-4

Initial report from: 06/19/2019 17:02:32



EMSL ANALYTICAL
LABORATORY SERVICES

Asbestos Chain of Custody
EMSL Order Number (Lab Use Only):

081901654

PHONE:
FAX:

Company Name: Triterra		EMSL Customer ID:	
Street: 1375 S. Washington Ave, Suite 300		City: Lansing	State/Province:
Zip/Postal Code: 48910	Country: United States	Telephone #: 517-702-0470	Fax #: 517-702-0477
Report To (Name): Greg Ross		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email	
Email Address: Greg.Ross@Triterra.US		Purchase Order:	
Project Name/Number: 3408 Hoover St		EMSL Project ID (Internal Use Only):	
U.S. State Samples Taken: 21		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	
EMSL-Bill to: <input type="checkbox"/> Same <input type="checkbox"/> Different - If Bill to is Different note instructions in Comments** <i>Third Party Billing requires written authorization from third party</i>			
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input checked="" type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week			
*For TEM Air 3 hr through 6 hr, please call ahead to schedule. There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.			
PCM - Air <input type="checkbox"/> Check if samples are from NY <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA	TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312	TEM-Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167)	
PLM - Bulk (reporting limit) <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NYS 198.8 SOF-V <input type="checkbox"/> NIOSH 9002 (<1%)	TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5	Soil/Rock/Vermiculite <input type="checkbox"/> PLM EPA 600/R-93/116 with milling prep (<1%) <input type="checkbox"/> PLM EPA 600/R-93/116 with milling prep (<0.25%) <input type="checkbox"/> TEM EPA 600/R-93/116 with milling prep (<0.1%) <input type="checkbox"/> TEM Qualitative via Filtration Prep <input type="checkbox"/> TEM Qualitative via Drop Mount Prep <input type="checkbox"/> Cincinnati Method EPA 600/R-04/004 - PLM/TEM (BC only) Other: <input type="checkbox"/>	
<input checked="" type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group		Filter Pore Size (Air Samples): <input type="checkbox"/> 0.8µm <input type="checkbox"/> 0.45µm	
Samplers Name: Greg Ross		Samplers Signature:	
Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
HA-1	Ceiling tile, white textured	1	6/13/19
HA-2	Ceiling tile, Dracalon w/fiberboard	2	
HA-3	Wallpaper w/fiberboard	3	
HA-4	Ceiling tile, Smooth/white	4	
HA-5	9x9 floor tile, Tan	5	
Client Sample # (s):		Total # of Samples: 21	
Relinquished (Client):		Date: 6/13/19	Time: 6:00
Received (Lab): RJ FE		Date: 6/17/19	Time: 9:00
Comments/Special Instructions:			



Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

081901654

PHONE:
FAX:

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

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled	
HA-6	Laminate flooring, multi-color striped	6	6/13/19	
HA-7	Laminate flooring, flower/multi-color	7		
HA-8	Sheet flooring, white	8		
HA-9	Green/tan flooring	9		
HA-10	Ceramic tile, white	10		
HA-11	Blown insulation	11		
HA-12	Yellow paperflock insulation	12		
HA-13 A	Drywall	13		
HA-13 B		13		
HA-13 C		13		
HA-13 D		13		
HA-13 E		13		
HA-14	Sink undercoat	14		
HA-15	Roofing	15		
HA-16	Tyvek wrap	16		
HA-17	Window Glaze	17		
*Comments/Special Instructions:				

RN PF 6/17/19 9:00

ATTACHMENT 2

SITE PHOTOGRAPHS



PHOTO: 1 **DATE: 6/13/2019** **BY: Greg Ross**
SUBJECT: HA 5: Asbestos-containing 9x9-inch tan floor tile and underlying mastic, under carpeting by back door.



PHOTO: 2 **DATE: 6/13/2019** **BY: Greg Ross**
SUBJECT: HA 10: Asbestos-containing adhesive on the ceramic tile backsplash in the kitchen.