

March 18, 2020

Timothy Huey
Scott County
600 West Fourth Street
Davenport, IA 52801-1106

Re: Asbestos Inspection Services
31379 Scott Park Road
60 Acre Property
RCM Project: 2020-0074

Mr. Huey:

Regulatory Compliance Management (RCM) was contracted by Scott County to conduct asbestos inspection services at the house addressed in Long Grove, Iowa. The asbestos inspection was conducted on March 10, 2020. Friable asbestos-containing materials were identified within surveyed areas.

All sampling was performed by a USEPA accredited/Iowa Division of Labor licensed Asbestos Building Inspector (Scott McDowell, Inspector 20-4175). Samples were analyzed at a laboratory that is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP 200399-0). Analysis was performed by Polarized Light Microscopy (PLM), utilizing the EPA recommended method (EPA/600/R-93/116, July 1993) for the determination of asbestos in building materials. Results of analysis and a summary of the inspection can be found on the attached sheets.

Based upon the results of analysis, asbestos-containing materials were identified within surveyed areas in the form of friable Duct Tape in the basement. The EPA defines asbestos-containing materials as materials which contain >1% asbestos.

We appreciate the opportunity to be of service to Scott County and look forward to a continuing relationship. If you have any questions regarding this report, or if we can be of further assistance, please contact us at your convenience.

Sincerely,
Regulatory Compliance Management (RCM)



Scott McDowell
Senior Project Manager

Enclosures:

- Homogeneous Material Summary
- Sample Locations Diagrams
- Laboratory Analytical Report
- Laboratory/Field Personnel Qualifications

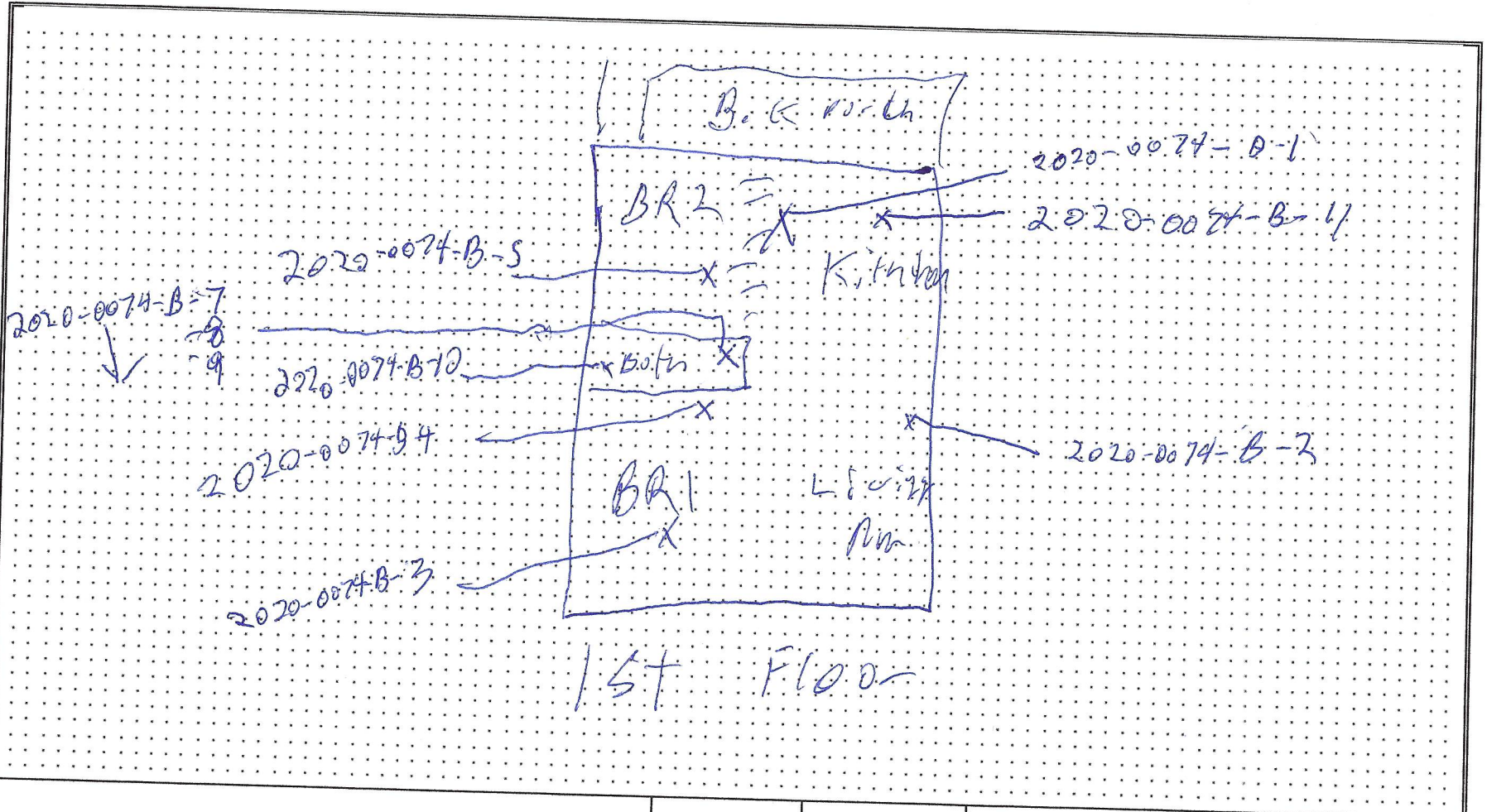
MATERIALS SUMMARY

Floor	Functional Area Description	Material Type	Homogeneous Material Description	Quantity	Friability	Bulk Sample No.	Homog Group	SAMPLE Asbestos Detected	MATERIAL Asbestos Detected
1	Kitchen, Living Room, Bedroom	SM	Plaster	< 5000 SF	NA	2020-0074-B-1	A	ND	
1	Kitchen, Living Room, Bedroom	SM	Plaster	SF	NA	2020-0074-B-2	A	ND	
1	Kitchen, Living Room, Bedroom	SM	Plaster	SF	NA	2020-0074-B-3	A	ND	
1	Kitchen, Living Room, Bedroom	SM	Plaster	SF	NA	2020-0074-B-4	A	ND	
1	Kitchen, Living Room, Bedroom	SM	Plaster	SF	NA	2020-0074-B-5	A	ND	
B	Storage	MISC	Linoleum	< 100 SF	NA	2020-0074-B-6	B	ND	
1	Bathroom	MISC	Drywall	< 100 SF	NA	2020-0074-B-7	C	ND	
1	Bathroom	MISC	Drywall Joint Compound	SF	NA	2020-0074-B-8	D	ND	
1	Bathroom	MISC	Drywall Tape	SF	NA	2020-0074-B-9	E	ND	
1	Bathroom	MISC	Floor Tile Ceramic	SF	NA	2020-0074-B-10	F	ND	
1	Kitchen	MISC	Floor Tile	SF	NA	2020-0074-B-11	G	ND	
B	Storage	TSI	Duct Tape	SF	F	2020-0074-B-12	H	YES	

TSI = Thermal System Insulation
SM = Surfacing Material
MISC = Miscellaneous Material

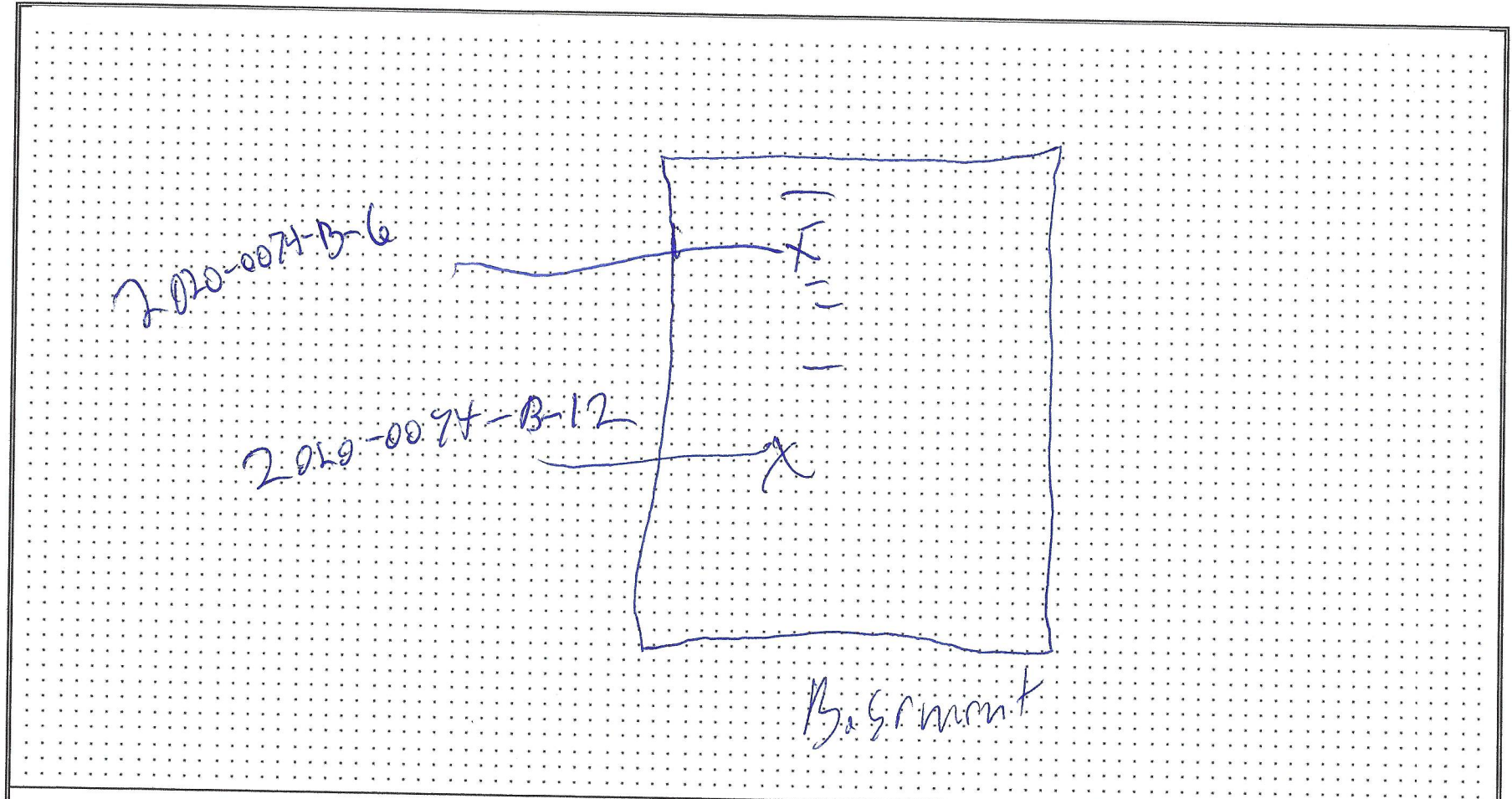
SNA = Sample Not Analyzed
ND = None Detected

SAMPLE LOCATION/FIELD DIAGRAM



Regulatory Compliance Management (RCM) Environmental, Health & Occupational Safety Services 5400 East Avenue, Countryside, IL 60525 Phone (708)485-8600 Fax (708)485-8607	DIAGRAM:	DRAWING NOT TO SCALE	
	3137 of Scott Park Rd Countryside, IL 52756 N	Prepared By:	
		Project Number:	2020-0074
		Drawing Number:	
		Drawing Date:	

SAMPLE LOCATION/FIELD DIAGRAM



Regulatory Compliance Management (RCM) Environmental, Health & Occupational Safety Services 5400 East Avenue, Countryside, IL 60525 Phone (708)485-8600 Fax (708)485-8607	DIAGRAM: 31379 Slot + Park Road	DRAWING NOT TO SCALE	
	Low Grove IA S275 2020-0074	Prepared By: S. M. - D. - R. H.	
		Project Number: 2020-0074	
		Drawing Number:	
		Drawing Date: 3/10/20	



EMSL Analytical, Inc.

4140 Litt Drive Hillside, IL 60162
Tel/Fax: (773) 313-0099 / (773) 313-0139
<http://www.EMSL.com/chicagolab@emsl.com>

EMSL Order: 262002228
Customer ID: RCM50
Customer PO: 20-0074
Project ID:

Attention: Scott McDowell
RCM Labs
15 Spinning Wheel Road
Suite 312B
Hinsdale, IL 60521
Project: 2020-0074

Phone: (563) 370-5087
Fax: (708) 485-8607
Received Date: 03/13/2020 10:22 AM
Analysis Date: 03/17/2020
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
2020-0074-B-1 <small>262002228-0001</small>	KITCHEN - PLASTER	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2020-0074-B-2 <small>262002228-0002</small>	LIVING RM - PLASTER	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2020-0074-B-3 <small>262002228-0003</small>	BEDROOM 1 CEILING - PLASTER	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2020-0074-B-4 <small>262002228-0004</small>	BEDROOM 1 CLOSET - PLASTER	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2020-0074-B-5 <small>262002228-0005</small>	BEDROOM 2 - PLASTER	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2020-0074-B-6 <small>262002228-0006</small>	BASEMENT STAIRS - LINOLEUM	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2020-0074-B-7 <small>262002228-0007</small>	BATHROOM - DRYWALL	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2020-0074-B-8 <small>262002228-0008</small>	DRYWALL	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2020-0074-B-9 <small>262002228-0009</small>	DRYWALL	White Fibrous Homogeneous	90% Synthetic	10% Non-fibrous (Other)	None Detected
2020-0074-B-10 <small>262002228-0010</small>	BATHROOM - FLOORING	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2020-0074-B-11 <small>262002228-0011</small>	KITCHEN - FLOORING	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
2020-0074-B-12 <small>262002228-0012</small>	BASEMENT - DUCT TAPE	White Fibrous Homogeneous		80% Non-fibrous (Other)	20% Chrysotile

Initial report from: 03/17/2020 15:02:17



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

EMSL Order: 262002228

Customer ID: RCM50

Customer PO: 20-0074

Project ID:

Analyst(s)

Jonathan Castillo (12)

James Hahn, 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. Hillside, IL NVLAP Lab Code 200399-0

Initial report from: 03/17/2020 15:02:17

262002228
Chain of Custody



EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

EMSL Order Number (Lab Use Only):

262002228 ^{WLF} ₃₋₁₃₋₂₀

PHONE: *563 370 5007*
FAX:

Company: RCM		EMSL-Bill to: <input type="checkbox"/> Same <input type="checkbox"/> Different	
Street: On File		If Bill to is Different note instructions in Comments**	
Third Party Billing requires written authorization from third party			
City:	State/Province:	Zip/Postal Code:	Country:
Report To (Name): Scott / Pam		Fax #:	Purchase Order: 20-0074
Telephone #:		Email Address:	
Project Name/Number: 2020-0074		Please Provide Results: <input type="checkbox"/> Fax <input type="checkbox"/> Email <input type="checkbox"/> Mail	
U.S. State Samples Taken: IA		Connecticut Samples: <input type="checkbox"/> Commercial <input type="checkbox"/> Residential	

Turnaround Time (TAT) Options* - Please Check

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

*For RUSH TATs, Please Call Ahead to Confirm Lab Hours and Availability. Not all TAT options are valid for every test. Materials Science and IAQ TATs are in Business Days rather than Hours (i.e. 24 Hour = End of Next Business Day)

Asbestos

PCM - Air <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/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 - Water Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	PLM - Bulk <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 <input type="checkbox"/> PLM EPA NOB (<1%) <input type="checkbox"/> NYS 198.1 (friable-NY) <input type="checkbox"/> NYS 198.6 (non-friable-NY) 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%)	TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> EPA Reg. 1 Screening Protocol (Qualitative) Other:
Lead (Pb) Flame Atomic Absorption <input type="checkbox"/> Chips SW846-7000B or AOAC 974.02 <input type="checkbox"/> Soil SW846-7000B/7420 <input type="checkbox"/> Air NIOSH 7082 <input type="checkbox"/> Wastewater SM3111B or SW846-7000B/7420 <input type="checkbox"/> ASTM Wipe SW846-7000B/7420 <input type="checkbox"/> non ASTM Wipe SW846-7000B/7420 <input type="checkbox"/> TCLP SW846-1311/7420/SM 3111B Graphite Furnace Atomic Absorption <input type="checkbox"/> Soil SW846-7421 <input type="checkbox"/> Wastewater EPA 200.9 <input type="checkbox"/> Air NIOSH 7105 <input type="checkbox"/> Drinking Water EPA 200.9 Other: <input type="checkbox"/>	ICP <input type="checkbox"/> Air NIOSH 7300 Modified <input type="checkbox"/> non ASTM Wipe SW846-6010B or C <input type="checkbox"/> ASTM Wipe SW846-6010B or C <input type="checkbox"/> Soil SW846-6010 B or C <input type="checkbox"/> Waste Water SW846-6010B or C <input type="checkbox"/> TCLP SW846-6010B or C Other: <input type="checkbox"/>	Materials Science <input type="checkbox"/> Common Particle ID (large particles) <input type="checkbox"/> Full Particle ID (environmental dust) <input type="checkbox"/> Basic Material ID (solids) <input type="checkbox"/> Advanced Material ID <input type="checkbox"/> Physical Testing (Tensile, Compression) <input type="checkbox"/> Combustion-by-products (soot, char, etc.) <input type="checkbox"/> X-Ray Fluorescence (elem. analysis) <input type="checkbox"/> X-Ray Diffraction (Crystalline Part.) <input type="checkbox"/> MMVFs (Fibrous glass, RCF's) <input type="checkbox"/> Particle Size (sieve/microscopy/laser) <input type="checkbox"/> Combustible Dust <input type="checkbox"/> Petrographic Examination Other: <input type="checkbox"/>

Microbiology

Swab and Bulk Samples <input type="checkbox"/> Mold & Fungi - Direct Examination <input type="checkbox"/> Mold & Fungi Culture (Genus Only) <input type="checkbox"/> Mold & Fungi Culture (Genus & Species) <input type="checkbox"/> Bacterial Count & ID (Up to Three Types) <input type="checkbox"/> Bacterial Count & ID (Up to Five Types) Sewage Screen <input type="checkbox"/> Sewage Screen (P/A) <input type="checkbox"/> Sewage Screen (Membrane Filtration) Water Samples <input type="checkbox"/> Total Coliform & E coli (P/A, SM 9223B) <input type="checkbox"/> Heterotrophic Plate Count (PP, SM 9215B) <input type="checkbox"/> Fecal Coliform (SM 9222D)	Air Samples <input type="checkbox"/> Mold & Fungi (Spore Trap) <input type="checkbox"/> Mold & Fungi Culture (Genus Only) <input type="checkbox"/> Mold & Fungi Culture (Genus & Species) <input type="checkbox"/> Bacterial Culture & ID (Up to Three Types) <input type="checkbox"/> Bacterial Culture & ID (Up to Five Types) DNA & PCR Testing: (See Analytical Guide for Code) Code: Legionella: (See Analytical Guide for Code) Code: Other: (See Analytical Guide for Code) Code: P/A = Presence/Absence, PP = Pour Plate	IAQ Nuisance Dust NIOSH <input type="checkbox"/> 0500 <input type="checkbox"/> 0600 Airborne Dust <input type="checkbox"/> PM10 <input type="checkbox"/> TSP Silica Analysis: <input type="checkbox"/> All Species Silica Analysis - Single Species <input type="checkbox"/> Alpha Quartz <input type="checkbox"/> Cristobalite <input type="checkbox"/> Tridymite <input type="checkbox"/> HVAC Efficiency <input type="checkbox"/> Carbon Black <input type="checkbox"/> Airborne Oil Mist Radon Testing: Call for Kit and COC Other: <input type="checkbox"/>
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****Comments/Special Instructions:**

Client Sample #s	<i>2020-0074-81-12</i>	Total # of Samples:	<i>12</i>
Relinquished (Client):	<i>Auto 20</i>	Date:	<i>3/12/20</i>
Received (Lab):	<i>MF</i>	Date:	<i>3-13-20</i>
		Time:	<i>10:20am</i>



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~~2008~~
Chain of Custody
EMSL Order Number (Lab Use Only):

~~2007~~ VWF
3-13-20

PHONE:
FAX:

Analysis Completed in Accordance with EMSL's Terms and Conditions located in the Analytical Price Guide

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
2020-0074-B-1	Plaster Kitchen		
2	Plaster Living Rm		
3	Plaster Bedroom Ceiling		
4	Plaster Bedroom Closet		
5	Plaster Bedroom 2		
6	Linoleum Basement Stairs		
7	Drywall Bathroom		
8	Drywall Joint Compound		
9	Drywall Tape		
10	Flooring in Bedroom		
11	Flooring in Kitchen		
12	Duct Tape in Basement		

***Comments/Special Instructions:**
Do not separate layers of materials unless a layer is positive for Asbestos

Analysis Completed in Accordance with EMSL's Terms and Conditions located in the Analytical Price Guide

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 200399-0

EMSL Analytical Inc.
Hillside, IL

*is accredited by the National Voluntary Laboratory Accreditation Program for specific services,
listed on the Scope of Accreditation, for:*

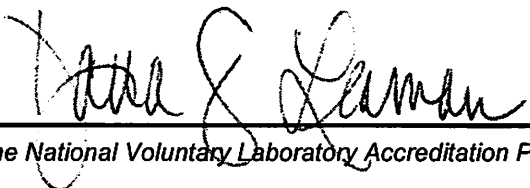
Asbestos Fiber Analysis

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality
management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).*

2019-04-01 through 2020-03-31

Effective Dates




For the National Voluntary Laboratory Accreditation Program



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

EMSL Analytical Inc.
4140 Litt Drive
Hillside, IL 60162
Mr. James Hahn
Phone: 773-313-0099 Fax: 773-313-0139
Email: jhahn@emsl.com
<http://www.emsl.com>

ASBESTOS FIBER ANALYSIS

NVLAP LAB CODE 200399-0

Bulk Asbestos Analysis

<u>Code</u>	<u>Description</u>
18/A01	EPA -- 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

Airborne Asbestos Analysis

<u>Code</u>	<u>Description</u>
18/A02	U.S. EPA's "Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions" as found in 40 CFR, Part 763, Subpart E, Appendix A.

A handwritten signature in black ink, appearing to read "James Hahn".

For the National Voluntary Laboratory Accreditation Program

SCOTT MC DOWELL

DOB: 08-25-1965

Issued: 03-09-2020



This person is licensed to perform asbestos work in the State of Iowa. ID card is intended for official use only and must be present on jobsite.

License Type	Number	Expires
INSPECTOR	20-4175	02-11-2021
MANAGEMENT PLANNER	20-4176	12-26-2020



Asbestos

Rod A. Roberts

Rod A. Roberts
Labor Commissioner