

Ironwood

Environmental Inc
3349 Carbineer Dr.
Belvidere, IL. 61008
815-765-0776
Fax: 815-877-5905
Ironwoodenv@aol.com

Mr. Todd Marshall
Winnebago County Health Dept.
401 Division Street,
P.O. Box 4009
Rockford, IL 61110-0509

8/22/19

Re: IEPA/NESHAPS Asbestos building inspection 310 Monroe, Rkfd, IL.

MC2570

Illinois asbestos building inspector Jeremy Bonacquisti IDPH # 100-6296 has completed the non-destructive sampling of suspect asbestos containing materials in the boiler room of the property listed above. The inspection was completed for the purpose of renovation or a controlled burn. Ironwood is not responsible for the presence of acbms hidden in undetectable places, such as false walls, pipe chase, etc. Samples were collected during a visual inspection of the property listed above and sent to TEM, an independent EPA / NVLAP approved lab, for determination of the presence of asbestos. Please refer to TEM report for results, methods and credentials. The following samples tested positive for asbestos and would be required to be abated by an EPA accredited and IDPH licensed asbestos abatement contractor, prior to demolition or a controlled burn. NESHAPS regulations require a 40hours trained asbestos competent person be on site during the demolition of this structure, to continuously observe and respond to any unforeseen acbms, which may arise due to demolition.

1 Tape/insulation, Located on the HVAC ducting in the basement and possibly in the walls/ceilings. Material is friable and regulated. Quantity is estimated at 100 sq ft.

2 Siding, Located on the exterior of trhe home, Condition is good but may not be left in place during demo, Quantity is approx. 1900 sq ft.

5 Glazing, Located on the external wood framed double hung windows, Condition is damaged, Qty is approx. 100 ln ft

Inspection total now due: \$400.00

Estimated cost of abatement: \$3750.00

Thank you.
Respectfully Submitted,

Jeremy Bonacquisti

Jeremy Bonacquisti
Ironwood Environmental Inc.

TEM Environmental

BULK ASBESTOS SAMPLE EVALUATION

POLARIZED LIGHT MICROSCOPY (PLM) TECHNIQUE

NVLAP LAB CODE: 101130-0

Company Name: Ironwood Environmental Contact: Jeremy Bonacquisti Address: 3349 Carbineer Dr. Belvidere IL 61008-		Client Project Ref: MC 2570 Project Location: 310 Monroe TEM Project: 58669 Analyzed by: Lori Boersma Date Analyzed: 8/22/2019							
Sample Information		Fibrous Materials		Non-Fibrous Materials					
Client Sample ID	TEM ID.	COLOR	ACM	Asbestos Fibers Type	Percent	Non-Asbestos Fibers Type	Percent	Filler Binder	Comments
01	365333	Gray	Yes	Chrysotile Amosite	90-95	Cellulose Glass		5-10	
02	365334	Gray	Yes	Chrysotile Amosite	10-15	Cellulose Glass		85-90	
03	365335	Gray	N/D	Chrysotile Amosite		Cellulose Glass		90-100	
04	365336	Brown	N/D	Chrysotile Amosite		Cellulose Glass	90-95 2-3	2-8	
05	365337	Beige	Yes	Chrysotile Amosite	2-3	Cellulose Glass		97-98	

Samples were analyzed following the procedures contained in the EPA Method 600/R-93/116, July 1993. This report applies only to samples tested.

SLM: The optical resolution of polarized light microscopy limits the size of fibers that are visible. In samples where very small fibers may be present, the asbestos fibers may be smaller than the resolution limit of a polarized light microscope. In those cases, the result of the PLM analysis is not conclusive where the sample is reported as non-asbestos. Samples that are expected to contain small fibers (such as floor tile samples and vermiculite) and that are reported as non-asbestos by PLM should be further analyzed by transmission electron microscopy. This report may not be reproduced except in full and with the approval of the Laboratory. This report may not be used by the client to claim product endorsement by NVLAP or any agency of the US government. An estimate of the laboratory uncertainty is available upon request.

Key: ACM = Asbestos Containing Material as defined in USEPA NESHAP Regulation; TR = Trace; N/D = None Detected

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TEM Environmental

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Sample Information		Non-Fibrous Materials	
Client Sample ID	TEM	Asbestos Fibers	Non-Asbestos Fibers
Description	COLOR	Type	Type
	ACM	Percent	Percent
06	365338	Gray	N/D
Vinyl Floor - Kitchen		Chrysotile	Cellulose
		Amosite	Glass
			90-100

Samples were analyzed following the procedures contained in the EPA Method 600/R-93/116, July 1993. This report applies only to samples tested. **SLM:** The optical resolution of polarized light microscopy limits the size of fibers that are visible. In samples where very small fibers may be present, the asbestos fibers may be smaller than the resolution limit of a polarized light microscope. In those cases, the result of the PLM analysis is not conclusive where the sample is reported as non-asbestos. Samples that are expected to contain small fibers (such as floor tile samples and vermiculite) and that are reported as non-asbestos by PLM should be further analyzed by transmission electron microscopy. This report may not be reproduced except in full and with the approval of the Laboratory. This report may not be used by the client to claim product endorsement by NVLAP or any agency of the US government. An estimate of the laboratory uncertainty is available upon request.

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TEM ENVIRONMENTAL, INC.

ENVIRONMENTAL SCIENTISTS | INDUSTRIAL HYGIENISTS
441 THANE STREET | NEW BRIDGEVILLE, PA 15066
(800) 445-6600 | WWW.TEM-ENVIRONMENTAL.COM

MC 2570

CHAIN OF CUSTODY FORM

Client: FWK Date: _____
 Contact: SCD
 Address: _____
 City/State/Zip: _____
 Phone: _____ Fax: _____
 Email: _____

TAT: RUSH/WDK 6HR* 24HR 48HR 72HR 4 DAY >5 DAY
 Project Name/No: 310 Monroe
 Results Due by (Date & Time): _____
 TEM Project #: 58669
 NVLAP ID 101130 AIHA-PAT ID 101151 AIHA-AAR ID 101151

PO/Quote#:

Comments:

Sample ID	Description	Sample Volume	ANALYZED BY (SIGNATURE):										Comments	
			PLM	TEM					Other					
			Bulk	Point Count	Gravimetric	Air-AHERA	Air-Other	Bulk	Chatfield	Water	Micro-Vac	PCM-Air	Other	
1	A VAC													
2	ext transfer													
3	Plaster													
4	ASIC													
5	Wiring													
6	Wiring													

RELINQUISHED BY (SIGNATURE): _____ DATE/TIME: _____
 RECEIVED BY (SIGNATURE): [Signature] DATE/TIME: 8-19-09

RELINQUISHED BY (SIGNATURE): _____ DATE/TIME: _____
 RECEIVED BY (SIGNATURE): [Signature] DATE/TIME: 8-19-09

LOGGED IN BY (SIGNATURE): _____ DATE/TIME: _____
 ANALYZED BY (SIGNATURE): _____ DATE/TIME: _____

* All EHR samples must be submitted before 11:00 AM
 By submitting this Chain of Custody, you are agreeing to the Terms and Conditions found on our website