

# Ironwood

Environmental Inc  
3349 Carbineer Dr.  
Belvidere, IL. 61008  
815-765-0776  
Fax:815-877-5905  
[Ironwoodenv@aol.com](mailto: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 15385 Wittner st. S Beloit, IL

MC2573

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.

12 Window glazing, Located in 7 wood framed double hung exterior windows, Condition is damaged/regulated,

Inspection total now due: \$400.00

Estimated cost of abatement: \$950.00

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

<b>Company Name:</b> Ironwood Environmental		<b>Client Project Ref:</b> MC 2573	
<b>Contact:</b> Jeremy Bonacquisti		<b>Project Location:</b> 15385 Wittner St., Beloit	
<b>Address:</b> 3349 Carbineer Dr. Belvidere IL 61008-		<b>TEM Project:</b> 58672	
		<b>Analyzed by:</b> Lori Boersma	
		<b>Date Analyzed:</b> 8/22/2019	
Sample Information		Non-Fibrous Materials	
Client Sample ID	TEM ID	Asbestos Fibers Type	Non-Asbestos Fibers Type
Description	COLOR	Percent	Filler Binder
01 Window Glaze	365352 Beige	N/D Chrysotile Amosite	90-100 Cellulose Glass
02 Attic Insulation	365353 Brown	N/D Chrysotile Amosite	0-10 Cellulose Glass
03 Drywall	365354 Gray/White	N/D Chrysotile Amosite	90-100 Cellulose Glass
04 12x12 Floor Tile - Kitchen	365355 Tan	N/D Chrysotile Amosite	90-100 SLM Cellulose Glass
05 Window Glaze - 2nd Bldg.	365356 Beige	N/D Chrysotile Amosite	90-100 Cellulose Glass

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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		<b>Analyzed by:</b> Lori Boersma							
		<b>Date Analyzed:</b> 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
06									
Drywall - 2nd Bldg.			N/D	Chrysotile	5-10	Cellulose	90-95		
		Brown/White		Amosite		Glass			
07									
Attic Insulation - 3rd Bldg.			N/D	Chrysotile	1-2	Cellulose	3-9		
		White		Amosite	90-95	Glass			
08									
Ceiling Texture - 3rd Bldg.			N/D	Chrysotile		Cellulose	90-100		
		White		Amosite		Glass			
09									
Drywall			N/D	Chrysotile	3-5	Cellulose	95-97		
		Brown/White		Amosite		Glass			
10									
12x12 Floor Tile - Bath			N/D	Chrysotile		Cellulose	90-100	SLM	
		Black		Amosite		Glass			

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		<b>Analyzed by:</b> Lori Boersma							
		<b>Date Analyzed:</b> 8/22/2019							
Sample Information		Fibrous Materials		Non-Fibrous Materials					
Client Sample ID	TEM ID	DESCRIPTION	ACM	Asbestos Fibers Type	Percent	Non-Asbestos Fibers Type	Percent	Filler	Comments
11	365362	12x12 Floor Tile - Kitchen	N/D	Chrysotile Amosite		Cellulose Glass	90-100	SLM	
12	365363	Window Glaze - #7	Yes	Chrysotile Amosite	2-3	Cellulose Glass	97-98		
13	365364	Plaster	N/D	Chrysotile Amosite		Cellulose Glass	97-98		

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