

LABORATORY REPORT

BULK SAMPLE ASBESTOS EVALUATION BY POLARIZED LIGHT MICROSCOPY METHOD

Client:	Ironwood Environmental	Project Location:	1530 Greenview Ave.	
Contact	Jeremy Bonacquisti	Project Reference:	MC 3185	
Address:	8787 Burr Oak Rd.	TEM Project:	76346	
	Roscoe IL 61073-	Analyzed by:	Lori Boersma	
		Date Analyzed:	4/22/2025	

Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
Client Sample ID	Lab ID	Color		Asbestos Fibers		Non-Asbestos Fibers		Filler	Comments
Description				Type	Percent	Type	Percent	Binder	
01 12x12 Floor Tile - 1st Layer	568471	White	None Detected	-	-	-	-	90-100	
02 9x9 Floor Tile - 2nd Layer	568472	Brown	Yes	Chrysotile:	2-3	-	-	97-98	
02* FT Mastic	568473	Brown	None Detected	-	-	Cellulose:	Trace	90-100	

Samples are analyzed following the procedures contained in the USEPA Method 600/R-93/116 July 1993. This report applies only to samples analyzed. This report may not be reproduced except in full and with the approval of TEM Environmental, Inc. 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.

SLM: Certain samples may warrant additional analysis beyond the standard USEPA Polarized Light Microscopy method. 1) Further testing using the point count method is recommend for friable samples found to contain less than 10% asbestos by PLM to confirm that the samples are in fact regulated asbestos containing materials (RACM) as defined by the USEPA NESHAP Regulation. 2) The optical resolution of a polarized light microscope limits the size of fibers that are visible. In cases where very small fibers may be present, such as in samples of floor tiles, vermiculite or certain construction adhesives, the result of the PLM analysis is not conclusive when the sample is reported as "None Detected" or "Trace". Further testing using transmission electron microscopy is recommended in those cases where samples may contain very small fibers which may be smaller than the resolution limit of a polarized light microscope. All such services are available for an additional fee.

Analytical services provided are subject to the Terms and Conditions listed on our website.



Report Approved by:



TEM ENVIRONMENTAL, INC.

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CHAIN OF CUSTODY FORM

ML 3185

Client: Ironwood Environmental Inc	Date:	TAT	RUSH/WKD	<input type="checkbox"/>	24HR	<input type="checkbox"/>	48HR	<input type="checkbox"/>	72HR	<input type="checkbox"/>	4 DAYS	<input type="checkbox"/>	> 5 DAYS	<input checked="" type="checkbox"/>
Contact: Jeremy Bonacquisti	Project Name/No: 1530 Greenview Ave													
Address: 8787 Burr Oak Rd	Results Due by (Date & Time):													
City/State/Zip: Roscoe, IL 61073	TEM Project #: 76346													
Phone: 815-378-6113	Fax: 815-877-5905	NVLAP ID 101130		AIHA-PAT ID 101151				AIHA-AAR ID 101151						
Email: Ironwoodenv@aol.com														

Comments:														Comments
PO/Quote#:														
Client ID No.	Description	Sample Volume	Bulk	Point Count	Gravimetric	Air-AHERA	Air-Other	Bulk	Chatfield	Water	Micro-Vac	PCM-Air	Other	
1	12x12 Air Filter 1st layer	100	✓											
2	9x9 " " 2nd layer	100	✓											
3			✓											
4			✓											
5			✓											
6			✓											
7			✓											
8			✓											
9			✓											
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