

LABORATORY REPORT

BULK SAMPLE ASBESTOS EVALUATION BY POLARIZED LIGHT MICROSCOPY METHOD

Client:	Ironwood Environmental					Project Location:	2733 S. Main St.		
Contact	Jeremy Bonacquisti					Project Reference:	MC 3187		
Address:	8787 Burr Oak Rd.					TEM Project:	76213		
	Roscoe	IL	61073-			Analyzed by:	Lori Boersma		
						Date Analyzed:	4/8/2025		
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 Ceiling Plaster	566862	Brown/White	None Detected	-	-	Cellulose:	5-10	90-95	
02 Wall Texture	566863	Gray	None Detected	-	-	Cellulose:	Trace	90-100	
03 Floor Tile	566864	Brown	None Detected	-	-	-	-	90-100	SLM
04 Wall Plaster	566865	Gray	None Detected	-	-	-	-	90-100	
05 Window Glaze	566866	Gray	Yes	Chrysotile:	3-5	-	-	95-97	
06 HVAC	566867	Gray	Yes	Chrysotile:	80-90	-	-	10-20	

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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: _____



ENVIRONMENTAL, INC.

ENVIRONMENTAL SCIENTISTS | INDUSTRIAL HYGIENISTS
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630-790-0880 | INFO@TEM-INC.COM

CHAIN OF CUSTODY FORM

Client: Ironwood Environmental Inc Date:
Contact: Jeremy Bonacquisti
Address: 8787 Burr Oak Rd
City/State/Zip: Roscoe, IL. 61073
Phone: 815-378-6113 Fax:
Email: Ironwoodenv@aol.com

TAT RUSH/WKD ☐ 24HR ☐ 48HR ☐ 72HR ☐ 4 DAYS ☐ > 5 DAYS ☒

Project Name/No: 2733 S. Main ST

Results Due by (Date & Time):

TEM Project #: 76213

NVLAP ID 101130 AIHA-PAT ID 101151 AIHA-AAR ID 101151

Comments:

PO/Quote#:

Client ID No.	Description	Sample Volume	Bulk	Point	Gravim	Air-A	Air-O	Bulk	Chatt	Water	Micro	PCM	Other	Comments
1	Ceiling Plaster		X											
2	Wall texture		X											
3	Floor tile													
4	Wall Plaster													
5	Window Glaze													
6	HVAC		X											
7														
8														
9														
10														
11														
12														
13														
14														
15														
16														

RELINQUISHED BY (SIGNATURE):	DATE/TIME	RECEIVED BY (SIGNATURE):	DATE/TIME
RELINQUISHED BY (SIGNATURE):	DATE/TIME	RECEIVED BY (SIGNATURE):	DATE/TIME
LOGGED IN BY (SIGNATURE):	DATE/TIME	ANALYZED BY (SIGNATURE):	DATE/TIME