



**LABORATORY REPORT**  
**BULK SAMPLE ASBESTOS EVALUATION BY**  
**POLARIZED LIGHT MICROSCOPY METHOD**

<b>Client:</b> Ironwood Environmental		<b>Project Location:</b> 9711 E. State St.	
<b>Contact:</b> Jeremy Bonacquisti		<b>Project Reference:</b> MC 3136	
<b>Address:</b> 8787 Burr Oak Rd. Roscoe IL 61073-		<b>TEM Project:</b> 73897	
		<b>Analyzed by:</b> Lori Boersma	
		<b>Date Analyzed:</b> 7/13/2024	

  

Client Sample ID Description	Sample Information		Asbestos Present	Fibrous Materials				Non-Fibrous Materials		
	Lab ID	Color		Asbestos Fibers		Non-Asbestos Fibers		Filler	Binder	Comments
				Type	Percent	Type	Percent			
01 Window Glaze	534066	Beige	Yes	Chrysotile:	3-5	-	-	-	95-97	
02 Plaster	534067	Gray/White	None Detected	-	-	-	-	Hair	Trace	90-100
03 Wall Insulation	534068	White	None Detected	-	-	-	-	Glass:	90-100	0-10
04 Vinyl Floor - Bedroom	534069	Green/White	None Detected	-	-	-	-	Cellulose:	60-70	30-40
05 HVAC	534070	Gray	Yes	Chrysotile:	90-95	-	-	-	-	5-10
06 Attic Insulation	534072	White	None Detected	-	-	-	-	Cellulose:	Trace	0-10
								Glass:	90-100	

**Client:** Ironwood Environmental  
**Contact:** Jeremy Bonacquisti  
**Address:** 8787 Burr Oak Rd.  
 Roscoe IL 61073-

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**TEM Project:** 73897  
**Analyzed by:** Lori Boersma  
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Client Sample ID Description	Asbestos Present		Fibrous Materials		Non-Fibrous Materials	
	Lab ID	Color	Asbestos Fibers Type	Percent	Non-Asbestos Fibers Type	Percent

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 recommended 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.

*[Signature]*  
 Report Approved by:



# ENVIRONMENTAL, INC.

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630-790-0880 | INFO@TEM-INC.COM

MC7136

# 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: **9711 State St**  
 Results Due by (Date & Time): **73897**  
 TEM Project #: \_\_\_\_\_  
 NVLAP ID 101130 AIHA-PAT ID 101151 AIHA-AAR ID 101151

Comments: \_\_\_\_\_  
 PO/Quote#: \_\_\_\_\_

Client ID No.	Description	Sample Volume	TEM										Comments	
			PLM					TEM						
			Bulk	Point Count	Gravimetric	Air-AHERA	Air-Other	Bulk	Chatfield	Water	Micro-Vac	PCM-Air	Other	
1	Wing													
2	Plastic													
3	Wing oxidation													
4	V floor Red room													
5	HVAC													
6	<del>Plastic</del> Plastic AHU and													
7														
8														
9														
10														
11														
12														
13														
14														
15														
16														

RELINQUISHED BY (SIGNATURE): \_\_\_\_\_ DATE/TIME: \_\_\_\_\_  
 RECEIVED BY (SIGNATURE): *[Signature]* DATE/TIME: **7/10/24 12:45**  
 RELINQUISHED BY (SIGNATURE): \_\_\_\_\_ DATE/TIME: \_\_\_\_\_  
 LOGGED IN BY (SIGNATURE): \_\_\_\_\_ DATE/TIME: \_\_\_\_\_