

LABORATORY REPORT

BULK SAMPLE ASBESTOS EVALUATION BY POLARIZED LIGHT MICROSCOPY METHOD

Client:	Ironwood Environmental					Project Location:	211 Lincoln Park Blvd.		
Contact	Jeremy Bonacquisti					Project Reference:	MC 3113		
Address:	8787 Burr Oak Rd.					TEM Project:	73023		
	Roscoe	IL	61073-			Analyzed by:	Lori Boersma		
						Date Analyzed:	4/19/2024		
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 Plaster - Interior Wall	522718	Gray	None Detected	-	-	Cellulose:	Trace	95-97	
						Glass:	3-5		
02 Plaster Gypsum - Int. Wall	522719	Gray	None Detected	-	-	-	-	95-97	
						Glass:	3-5		
03 Exterior Stucco	522720	Gray	None Detected	-	-	-	-	90-100	
04 Drywall	522721	Brown/White	None Detected	-	-	Cellulose:	5-10	90-95	
						Glass:	45-50		
05 Attic Insulation	522722	Brown/Pink	None Detected	-	-	Cellulose:	40-45	5-15	
						Glass:	45-50		

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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: _____



TEM ENVIRONMENTAL, INC.

ENVIRONMENTAL SCIENTISTS | INDUSTRIAL HYGIENISTS

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CHAIN OF CUSTODY FORM

MC 3113

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: 211 Lincoln Pk Bldg												
Address: 8787 Burr Oak Rd		Results Due by (Date & Time):												
City/State/Zip: Roscoe, IL 61073		TEM Project #: 73023												
Phone: 815-378-6113	Fax:	NVLAP ID 101130			AIHA-PAT ID 101151					AIHA-AAR ID 101151				
Email: Ironwoodenv@aol.com														

Comments:

PO/Quote#:

Client ID No.	Description	Sample Volume												Comments
			Bulk	Poin	Grav	Air-A	Air-C	Bulk	Cha	Wat	Micr	PCM	Oth	
1	Plaster int wall													
2	Plaster gyp int wall													
3	ext stucco													
4	dry wall													
5	attic insul													
6														
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