

LABORATORY REPORT

BULK SAMPLE ASBESTOS EVALUATION BY POLARIZED LIGHT MICROSCOPY METHOD

Client: Ironwood Environmental				Project Location: 4404 Wilshire, Rockford			
Contact: Jeremy Bonacquisti				Project Reference: MC 2810			
Address: 3349 Carbineer Dr.				TEM Project: 63084			
Belvidere IL 61008-				Analyzed by: Lori Boersma			
				Date Analyzed: 6/4/2021			

Sample Information			Asbestos Present	Fibrous Materials				Non-Fibrous Materials	
Client Sample ID	Lab ID	Color		Asbestos Fibers		Non-Asbestos Fibers		Filler Binder	Comments
Description				Type	Percent	Type	Percent		
01 9x9 Floor Tile	411176	Brown	None Detected	-	-	-	-	90-100	SLM
02 Fiber Wall Board	411177	Brown/Black	None Detected	-	-	Cellulose:	90-95	5-10	

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:

CHAIN OF CUSTODY FORM

MC 2810

Client: JNF	Date:	TAT: RUSH/WDK 6HR* 24HR 48HR 72HR 4 DAY 5 DAY
Contact: SCB		Project Name/No: 4404 Wilshire Rkld
Address:		Results Due by (Date & Time):
City/State/Zip:		TEM Project #: 63084
Phone:	Fax:	NVLAP ID 101130 AIHA-PAT ID 101151 AIHA-AAR ID 101151
Email:		
Comments:		

PO/Quote#:			<div> <div>PLM</div> <div>TEM</div> </div>										Comments	
Sample ID	Description	Sample Volume	Bulk	Point Count	Gravimetric	Air-AHERA	Air-Other	Bulk	Charfield	Water	Micro-Vac	PCM-Air		Other
1	949 Flr flrs													
2	fiber wall board													
3														
4														
5														
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

*All 6HR samples must be submitted before 11:00 AM