

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

Client: Ironwood Environmental				Project Location: 11859 Pearl St., Rockton			
Contact: Jeremy Bonacquisti				Project Reference: MC 2829			
Address: 3349 Carbineer Dr.				TEM Project: 63078			
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 Drywall	411157	White	None Detected	-	-	Cellulose:	2-3	97-98	
02 Kitchen - Floor Tile	411158	Brown	None Detected	-	-	-	-	90-100	SLM
03 Plaster	411159	Gray/White	None Detected	-	-	-	-	90-100	
04 Exterior - Transite	411160	Gray	Yes	Chrysotile:	10-15	-	-	85-90	
05 Window Glaze	411161	Gray	None Detected	-	-	-	-	90-100	

LABORATORY REPORT

BULK SAMPLE ASBESTOS EVALUATION BY POLARIZED LIGHT MICROSCOPY METHOD

Client:	Ironwood Environmental	Project Location:	11859 Pearl St., Rockton
Contact	Jeremy Bonacquisti	Project Reference:	MC 2829
Address:	3349 Carbineer Dr. Belvidere IL 61008-	TEM Project:	63078
		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	Comments
Description				Type	Percent	Type	Percent	Binder	

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:



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CHAIN OF CUSTODY FORM

HC 2820

<p>Client: <u>INE</u></p> <p>Contact: <u>500</u></p> <p>Address:</p> <p>City/State/Zip:</p> <p>Phone:</p> <p>Email:</p> <p>Comments:</p>	<p>Date:</p> <p>TAT: RUSH/WDK 6HR* 24HR 48HR 72HR 4 DAY <u>5 DAY</u></p> <p>Project Name/No: <u>11859 Pearl St. Rockton</u></p> <p>Results Due by (Date & Time):</p> <p>TEM Project #: <u>63078</u></p> <p>NVLAP ID 101130 AIHA-PAT ID 101151 AIHA-AAR ID 101151</p>
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Comments:

PO/Quote#:

Sample ID	Description	Sample Volume	Bulk	Point Count	Gravimetric	Air-AHER	Air-Other	Bulk	Chatfield	Water	Micro-Vac	PCM-Air	Other	Comments
1	Drywall													
2	Kitchen floor tile													
3	Plaster													
4	Exterior transite													
5	Wing													
6														

RELINQUISHED BY (SIGNATURE):

RELINQUISHED BY (SIGNATURE):

LOGGED IN BY (SIGNATURE):

DATE/TIME

DATE/TIME

DATE/TIME

RECEIVED BY (SIGNATURE):

RECEIVED BY (SIGNATURE):

ANALYZED BY (SIGNATURE):

DATE/TIME

DATE/TIME

DATE/TIME

*All GHR samples must be submitted before 10:00 AM on the day of collection.

6-3-2021

*All 6HR samples must be submitted before 11:00 AM of Custody, you are responsible for ensuring that all samples are submitted on time.

By submitting this Chain of Custody, you are agreeing to the T-