APPENDIX G

June 17, 2022

City of Winnipeg
185 King Street, Floor 3
Winnipeg, MB, R3B 1J1

Re: Asbestos Test Results
Winnipeg Transit, 421 Osborne Street, Winnipeg, Manitoba
Pinchin File: 311238

Pinchin Ltd. (Pinchin) was retained by City of Winnipeg to verify if asbestos-containing materials are present on make-up air units MUA04 and MUA05 in the West High Bay in the Transit Maintenance and Repair Building located at Winnipeg Transit, 421 Osborne Street, Winnipeg, Manitoba. The assessment was performed by Pinchin on June 14, 2022.

The purpose of this assessment was to facilitate renovations to the building.

1.0 METHODOLOGY

1.1 Asbestos

An inspection for asbestos-containing materials (ACM) was conducted. A separate set of samples is collected of each type of homogenous material suspected to contain asbestos. A homogeneous sampling area is defined by the U.S. Environmental Protection Agency (EPA) as containing material that is uniform in texture and appearance, was installed at one time and is unlikely to consist of more than one type or formulation of material.

Samples of materials were analyzed using polarised light microscopy (PLM) methods in accordance with EPA Test Method 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials, July 1993.

Positive results were assessed for friability and condition.

2.0 FINDINGS

A portion of Unit MUA05 is insulated with fibreglass covered with a foil jacket and the remainder of the unit is uninsulated.

A portion of Unit MUA04 is insulated with fibreglass covered with a foil face jacket and the remainder of the unit is uninsulated. A duct connector was identified on the unit.

3.0 RESULTS AND CONCLUSIONS

3.1 Asbestos

Sample No.	Location	Description	Result (Type and %)
S0001A-C	Unit MUA04	Duct Connector	None Detected

4.0 RECOMMENDATIONS

Provide this report to the contractor prior to bidding or commencing work.

Do not disturb suspected hazardous building materials discovered during the work, which have not been identified in this report and arrange for further testing.

5.0 TERMS AND LIMITATIONS

This work was performed subject to the Terms and Limitations presented or referenced in the proposal for this project.

Information provided by Pinchin is intended for Client use only. Pinchin will not provide results or information to any party unless disclosure by Pinchin is required by law. Any use by a third party of reports or documents authored by Pinchin or any reliance by a third party on or decisions made by a third party based on the findings described in said documents, is the sole responsibility of such third parties. Pinchin accepts no responsibility for damages suffered by any third party as a result of decisions made or actions conducted. No other warranties are implied or expressed.

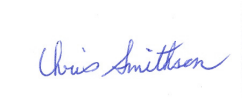
6.0 CLOSURE

If you have any questions regarding this report, please contact the undersigned at 204.452.0983.

Sincerely,

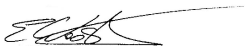
Pinchin Ltd.

Prepared by:



Chris Smithson, C.E.T.
Project Manager
204.452.0983
csmithson@pinchin.com

Reviewed by:



Edwin Wooster
Technical Manager and Regional Practice Leader
204.452.0983
ewooster@pinchin.com

Encl.: Appendix I - Laboratory Report
Appendix II - Photographs

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Template: Master Asbestos Bulk Sample Results Letter, HAZ, February 19, 2020

APPENDIX I

Laboratory Report

Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 40 CFR, Part 763, Subpart E, App.E

NVLAP TESTING
NVLAP LAB CODE 200664-0

Lab ID # 173190

Customer: Pinchin Ltd.
54 Terracon Place
Winnipeg, MB R2J 4G7

Attn: Chris Smithson

Project: 311238

Lab Order ID: 71994384
Analysis ID: 71994384_PLM
Date Received: 6/15/2022
Date Reported: 6/15/2022

Sample ID *Lab Sample ID*	Description *Lab Notes*	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes Treatment
S0001A *71994384PLM_1*	Duct Connector, Unit MUA04, West High Bay	None Detected	90% Cellulose	10% Other	Brown, Tan Fibrous Heterogeneous Teased
S0001B *71994384PLM_2*	Duct Connector, Unit MUA04, West High Bay	None Detected	90% Cellulose	10% Other	Brown, Tan Fibrous Heterogeneous Teased
S0001C *71994384PLM_3*	Duct Connector, Unit MUA04, West High Bay	None Detected	90% Cellulose	10% Other	Brown, Tan Fibrous Heterogeneous Teased

Heather Boykin (3)

Analyst

Approved Signatory

7199438 4

Version 1-15-2012

Client:	Pinchin Ltd.	*"Instructions:*
Contact:	Chris Smithson	*Use Column "B" for your contact info*
Address:	54 Terracon Place, Wpg, MB	
Phone:	204.452.0983	*To See an Example Click the bottom Example Tab.*
Fax:		
Email:	csmithson@pinchin.com	
		23
Project:	311238	***Begin Samples with a "<< "above the first sample***
	Stop positive on all samples. Perform ashing on third vinyl floor tile if first two are ND.	*and end with a ">>" below the last sample.*
Client Notes:		*Only Enter your data on the first sheet "Sheet1"*
P.O. #.	311238	*Note: Data 1 and Data 2 are optional fields that do not show up on the official report, however they will be included in the electronic data returned to you to facilitate your reintegration of the report data.*
Date Submitted:	06-10-2022	
Analysis:	PLM BULK EPA 600	
TurnAroundTime:	12 Hour	

Scientific Analytical Institute

4604 Dundas Dr. Greensboro, NC 27407
Phone: 336.292.3888
Fax: 336.292.3313
Email: lab@sailab.com

Sample Number	Data 1 (Lab use only)	Sample Description	Data 2 (Lab use only)
<<			
S0001A		Duct Connector, Unit MUA04, West High Bay	
S0001B		Duct Connector, Unit MUA04, West High Bay	
S0001C		Duct Connector, Unit MUA04, West High Bay	
>>			

Accepted ☑

Rejected ☐

6/15. 10:30AM

PPENDIX II

Photographs

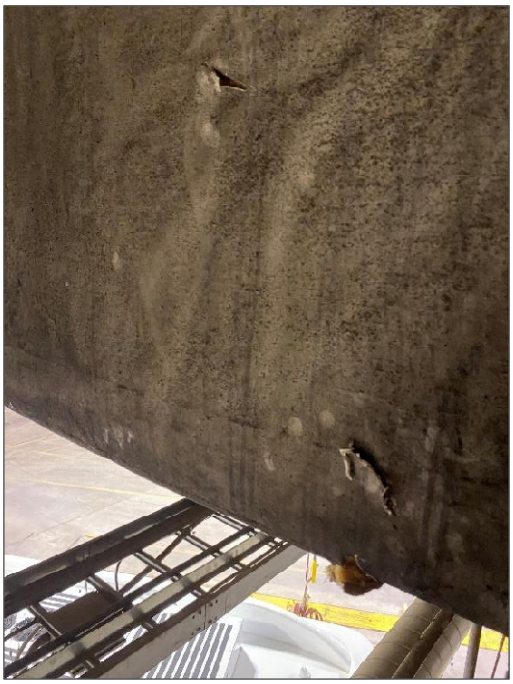

Photo 1 - Fibreglass covered with foil face jacket on Unit MUA04.

Photo 2 - Fibreglass covered with foil jacket on Unit MUA05.