



March 18, 2024

Loyalist Township
263 Main Street
Odessa, ON K0H 2H0

Re: Hazardous Building Materials Assessment (Pre-Construction)

Garage Building, 240 County Road 4, Millhaven, Ontario
Pinchin File: 337875.001

Loyalist Township (Client) retained Pinchin Ltd. (Pinchin) to conduct a hazardous building materials assessment of the Garage Building located at 240 County Road 4, Millhaven, Ontario.

Pinchin performed the assessment on February 15, 2024. The assessor was unaccompanied during the assessment; however, checked-in with a representative of the Client upon arrival to the Site. The assessed area was occupied at the time of the assessment.

The objective of the assessment was to identify specified hazardous building materials in preparation for building renovation activities. The proposed work as identified by the Client includes planned interior renovations throughout the building and the addition of a bay door in the Garage.

The **assessed area** consisted of all areas of the building, excluding the roof.

The assessment was performed to establish the type of specified hazardous building materials, locations and approximate quantities incorporated in the structure(s) and its finishes.

For the purpose of the assessment and this report, hazardous building materials are defined as follows:

- Asbestos
- Lead
- Silica
- Mercury
- Polychlorinated Biphenyls (PCBs)
- Mould and Water Damage

Arsenic, acrylonitrile, benzene, coke oven emissions, ethylene oxide, isocyanates and vinyl chloride monomer are not typically found in building materials in a composition/state that is hazardous and were not included in this assessment.



1.0 RECOMMENDATIONS

1.1 General

If suspected hazardous building materials are discovered during the planned work, which are not identified in this report, do not disturb, and arrange for further testing and evaluation.

Conduct further investigation of the following items, areas, or locations, which were not completed during this assessment:

- Sample presumed thinset under ceramic tiles prior to disturbance if impacted by the planned renovations.
- Any items listed as exclusions in this report, prior to disturbance.

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

Retain a qualified consultant to specify, observe and document the successful removal of hazardous materials.

1.2 Building Renovation Work

The following recommendations are made regarding renovation involving the hazardous materials identified.

1.2.1 Asbestos

Remove asbestos-containing materials (ACM) prior to renovation, alteration, or maintenance if ACM may be disturbed by the work.

If the identified ACM will not be removed prior to commencement of the work, any potential disturbance of ACM must follow asbestos precautions appropriate for the type of work being performed.

Asbestos-containing materials must be disposed of at a landfill approved to accept asbestos waste.

1.2.2 Lead

For lead-containing or lead-based paints (i.e., greater than the EACC guideline of 0.1% (1,000 mg/kg) for lead-containing paints, and 0.5% (5,000 mg/kg) for lead-based), construction disturbance may result in over-exposure to lead dust or fumes. The need for work procedures, engineering controls and personal protective equipment should be assessed on a site-specific basis to comply with Ministry of Labour, Training and Skills Development regulations and guidelines.

For paints identified as having low levels of lead (i.e., equal to or above 0.009% (90 mg/kg) but less than or equal to the EACC guideline of 0.1% (1,000 mg/kg) for lead-containing paints) special precautions are not recommended unless aggressive disturbance (grinding, blasting, torching) is planned. Exposure from



construction disturbance of paints containing lead less than 0.009% (90 mg/kg) is assumed to be insignificant.

Items painted with paints containing elevated levels of lead may be a hazardous waste. Test lead-painted materials for leachable lead and other metals prior to disposal. Metallic components coated with lead paint do not require leachate testing and can be disposed of as non-hazardous construction and demolition (C&D) waste.

Lead-containing items should be recycled when taken out of service.

1.2.3 Silica

Construction disturbance of silica-containing products may result in excessive exposures to airborne silica, especially if performed indoors and dry. Cutting, grinding, drilling or demolition of materials containing silica should be completed only with proper respiratory protection and other worker safety precautions that comply with applicable regulations and guidelines.

1.2.4 Mercury

Do not break lamps or separate liquid mercury from components. Recycle and reclaim mercury from fluorescent lamps and thermostats when taken out of service. Mercury is classified as a hazardous waste and must be disposed of in accordance with applicable regulations.

1.2.5 PCBs

As light fixtures are removed from service, examine light ballasts for PCB content. If ballasts are not clearly labelled as “non-PCB” or are suspected to contain PCBs, package, and ship ballasts for destruction at a federally permitted facility. As per the PCB Regulation (SOR/2008-273), all PCB light ballasts must be removed from service and properly disposed of by December 31, 2025.

2.0 BACKGROUND INFORMATION

2.1 Assessed Area Description Summary

Description Item	Details
Building Use	Commercial
Floors Above Grade	2
Floors Below Grade	0
Total Area (square feet)	2,600
Year of Construction	1970
Structure	Poured concrete foundation and structural steel
Exterior Cladding	Metal
HVAC	Hot water tank heating to radiators



Hazardous Building Materials Assessment (Pre-Construction)

Garage Building, 240 County Road 4, Millhaven, Ontario
Loyalist Township

March 18, 2024
Pinchin File: 337875.001

Description Item	Details
Roof	Outside of scope
Flooring	Poured concrete and ceramic tiles
Wall and Ceiling Finishes	Drywall, acoustic ceiling tiles, pre-cast concrete, masonry, ceramic tiles and metal

3.0 FINDINGS

Any quantities listed in this report or data tables are estimated based on visual approximations only and are subject to variation.

3.1 Asbestos

The following table summarizes the materials evaluated for asbestos in the assessed area. For details on approximate quantities, condition, friability, accessibility, and locations of hazardous building materials; refer to the Hazardous Material Summary / Sample Log and All Data Report in Appendices V and VI.

Sample Number	Material Description	Type of Asbestos	Confirmed Hazard	Total Quantity Present	Notes
S0001 ABCDE	Wall Paint On concrete block	None Detected	No	2,680 SF	
S0002 ABC	Wall, Ceiling Drywall joint compound	None Detected	No	410 SF	
S0003 ABC	Window Liner Caulking Black Butyl Sealant	None Detected	No	200 LF	
S0004 ABC	Window Caulking Grey	None Detected	No	200 LF	
V9500	Floor, Wall Mortar Thinset Under Ceramic Tiles	Presumed Asbestos	Yes	425 SF	Note 1
V0000	Ceiling Ceiling Tiles (lay-in) 2'x4', Pinholes, Date Stamp: 2013	None	No	295 SF	Note 2

General Notes:

1. Materials identified as Sample Number V9500 were either observed to be present or based on the construction of the building/equipment are likely present in concealed locations. These materials have not been sampled and are presumed to contain asbestos



based on historical known use of asbestos. Sampling of these materials may be completed prior to disturbance.

2. Materials identified as Sample Number V0000 were determined to be non-asbestos based on the manufacture date and known end of use of asbestos in these products.
3. Destructive testing was conducted of a representative selection of concrete block walls, including creating penetrations at three locations. The location of destructive testing has been indicated on the drawing in Appendix I. Loose fill vermiculite was not observed within the cavities.

3.1.1 Excluded Asbestos Materials

The following is a list of materials which may contain asbestos and were excluded from the assessment. These materials are presumed to contain asbestos until otherwise proven to be non-asbestos by sampling and analysis:

- Roofing felts and tar, mastics
- Mechanical gaskets
- Floor levelling compound
- Electrical components
- Sealants on pipe threads
- Materials concealed or outside of the assessed area

3.2 Lead

Refer to the Hazardous Material Summary / Sample Log and All Data Report in Appendices V and VI for details on locations, condition and approximate quantities on paints sampled and their locations.

The following table summarizes the analytical results of paints sampled.

Sample Number	Material Description	Concentration	Confirmed Hazard	Total Quantity Present	Notes
L0001	Wall Masonry White/blue	0.0124%	Yes	200 SF	Note 2
L0002	Wall Concrete (precast) White/blue/green	0.0878%	Yes	2,680 SF	Note 2
L0003	Structure Metal White/blue	0.0836%	Yes	4,000 SF	Note 2
L0004	Wall Drywall and joint compound Off-white	0.0008%	No	410 SF	Note 3



Hazardous Building Materials Assessment (Pre-Construction)

Garage Building, 240 County Road 4, Millhaven, Ontario
Loyalist Township

March 18, 2024
Pinchin File: 337875.001

Sample Number	Material Description	Concentration	Confirmed Hazard	Total Quantity Present	Notes
L0005	Floor Concrete (poured) Grey	0.414%	Yes	675 SF	Note 1

Site Specific Notes:

1. Results above 0.1% (1,000 mg/kg) are considered lead-containing, and over 0.5% (5,000 mg/kg) are considered lead-based.
2. Results less than or equal to 0.1% (1,000 mg/kg), but equal to or greater than 0.009% (90 mg/kg), are considered low-level lead paints or surface coatings in accordance with the EACC guideline.
3. Paints containing lead less than 0.009% (90 mg/kg) is assumed to be insignificant.

3.2.1 Lead Products and Applications

Refer to the Hazardous Material Summary / Sample Log and All Data Report in Appendices V and VI for details on lead-products including their locations and quantities.

Sample Number	Material Description	Confirmed Hazard	Total Quantity Present	Notes
V9500	Batteries In Emer. Lights	Yes	100 %	Note 1

General Notes:

1. Items identified as Sample Number V9500 were observed to be present but could not be definitively determined to contain lead (e.g., inaccessible batteries).

3.2.2 Excluded Lead Materials

Lead may be present in a number of materials which were not assessed and/or sampled. The following materials, where found, should be considered to contain lead:

- Electrical components, including wiring connectors, grounding conductors, and solder
- Solder on pipe connections
- Glazing on ceramic tiles

3.3 Silica

Crystalline silica is a presumed component of the following materials:

- Poured and pre-cast concrete
- Masonry and mortar



Hazardous Building Materials Assessment (Pre-Construction)

Garage Building, 240 County Road 4, Millhaven, Ontario
Loyalist Township

March 18, 2024
Pinchin File: 337875.001

- Ceramic tiles and grout
- Drywall
- Ceiling tiles

3.4 Mercury

Refer to the Hazardous Material Summary / Sample Log and All Data Report in Appendices V and VI for details on mercury-containing products including their locations and quantities.

Sample Number	Material Description	Confirmed Hazard	Total Quantity Present	Notes
V9000	Light Fixture	Yes	100 %	Note 1
V9000	Thermostat	Yes	100 %	Note 1

General Notes:

1. Items identified as Sample Number V9000 were observed to be present and were determined to contain mercury based on visual observation (e.g., labelled lamps and ampules in thermostats).

3.5 Polychlorinated Biphenyls

Refer to the Hazardous Material Summary / Sample Log and All Data Report in Appendices V and VI for details on PCB-products including their locations and quantities.

Sample Number	Material Description	Concentration	Confirmed Hazard	Total Quantity Present	Notes
V9000	Light Ballasts T12	N/A	Yes	100 %	Note 1
V0000	Caulking Grey Caulking and Black Butyl Sealant, Windows Date Stamped 2012	N/A	No	400 LF	Note 2
V0000	Light Ballasts T8	N/A	No	100 %	Note 2

General Notes:

1. Materials identified as Sample Number V9000 were observed to be present and were determined to contain PCBs based on labelling (e.g., labels on ballasts).
2. Materials identified as Sample Number V0000 were determined to be non-PCB based on the manufacture date and regulated restrictions of PCBs. It can also include items that



historically may have contained PCBs; however, have been visually identified as non-PCB types (e.g., LED light fixtures).

3.6 Mould and Water Damage

Visible mould growth and water damage was not found during the assessment.

4.0 METHODOLOGY

Pinchin conducted a room-by-room assessment to identify the hazardous building materials as defined in the scope.

The assessment included limited demolition of wall and ceiling finishes (drywall or plaster) to view concealed conditions at representative areas as permitted by the current building use. Limited destructive testing of flooring was conducted where possible (under ceramic tiles, carpets, or multiple layers of flooring). Demolition of exterior building finishes, masonry walls (chases, shafts etc.), and structural surrounds was not conducted.

Limited demolition of masonry block walls (core holes) was conducted to investigate for loose fill vermiculite insulation.

Sampling of roofing materials was not conducted.

For further details on the methodology including test methods and evaluation criteria, refer to Appendix III.

5.0 REFERENCES

The following legislation and documents were referenced in completing the assessment and this report:

1. Asbestos on Construction Projects and in Buildings and Repair Operations, Ontario Regulation 278/05.
2. Designated Substances, Ontario Regulation 490/09.
3. Lead on Construction Projects, Ministry of Labour Guidance Document.
4. The Environmental Abatement Council of Canada (EACC) Lead Guideline for Construction, Renovation, Maintenance or Repair.
5. Ministry of the Environment Regulation, R.R.O. 1990 Reg. 347 as amended.
6. Ministry of the Environment Regulation, R.R.O. 1990 Reg. 362 as amended.
7. Silica on Construction Projects, Ministry of Labour Guidance Document.
8. Alert – Mould in Workplace Buildings, Ontario Ministry of Labour.
9. PCB Regulations, SOR/2008-273, Canadian Environmental Protection Act.



10. Surface Coating Materials Regulations, SOR/2016-193, Canada Consumer Product Safety Act.

6.0 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.

7.0 CLOSURE

The data presented in the appendices is prepared by Pinchin's Hazardous Materials Inventory System (HMIS). The information can be made available for your real-time access through our secure web-based platform. Please contact your Pinchin representative to discuss HMIS solutions for management of your asbestos (and other hazardous materials) inventory.

Contact the undersigned should you have any questions.

Sincerely,

Pinchin Ltd.

Prepared by:

Reviewed by:

Katie Sullivan
Project Technologist
613.541.1013
ksullivan@pinchin.com

Halie MacKillican
Team Leader
613.541.1013
hmackillican@pinchin.com



Hazardous Building Materials Assessment (Pre-Construction)

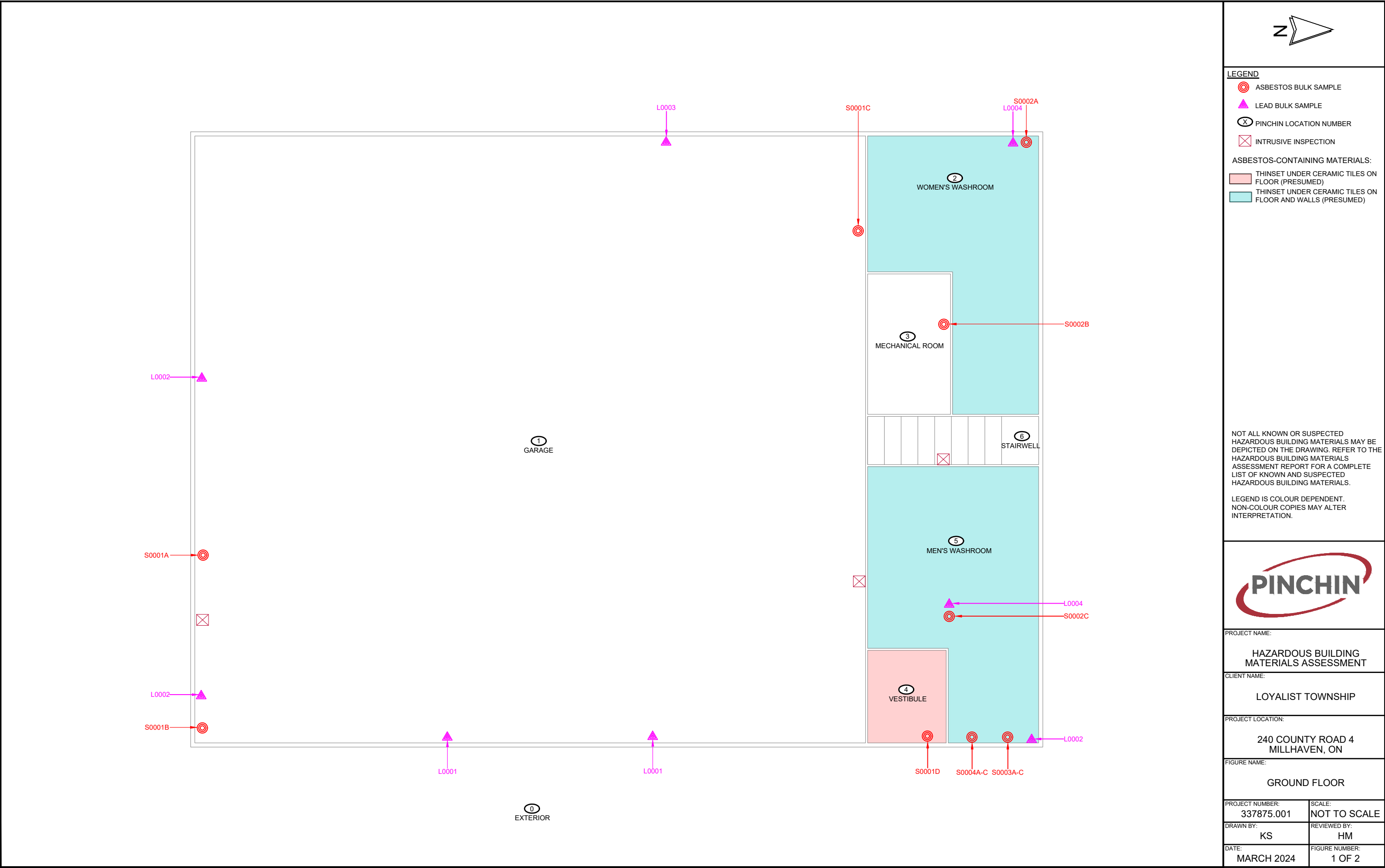
Garage Building, 240 County Road 4, Millhaven, Ontario
Loyalist Township

March 18, 2024
Pinchin File: 337875.001

Encl:	APPENDIX I	Drawings
	APPENDIX II-A	Asbestos Analytical Certificates
	APPENDIX II-B	Lead Analytical Certificates
	APPENDIX II-C	PCB Analytical Certificates
	APPENDIX III	Methodology
	APPENDIX IV	Location Summary Report
	APPENDIX V	Hazardous Materials Summary Report / Sample Log
	APPENDIX VI	All Data Report
	APPENDIX VII	Photographs

\\pinchin.com\kgn\Job\337000s\0337875.000 LOYALISTTWP,51MainStOdessa,HAZ,DSR\0337875.001
LOYALISTTWP,240CtyRd4Millhaven,HAZ,DSR\Deliverables\337875.001 HBMA 240CountyRoad4MillhavenON LoyalistTownship.docx
Template: Master Template HBMA PreConstruction, HMIS, HAZ, April 18, 2023

APPENDIX I
Drawings



LEGEND

- ASBESTOS BULK SAMPLE
- LEAD BULK SAMPLE
- PINCHIN LOCATION NUMBER
- INTRUSIVE INSPECTION
- ASBESTOS-CONTAINING MATERIALS:
 - THINSET UNDER CERAMIC TILES ON FLOOR (PRESUMED)
 - THINSET UNDER CERAMIC TILES ON FLOOR AND WALLS (PRESUMED)

NOT ALL KNOWN OR SUSPECTED HAZARDOUS BUILDING MATERIALS MAY BE DEPICTED ON THE DRAWING. REFER TO THE HAZARDOUS BUILDING MATERIALS ASSESSMENT REPORT FOR A COMPLETE LIST OF KNOWN AND SUSPECTED HAZARDOUS BUILDING MATERIALS.

LEGEND IS COLOUR DEPENDENT. NON-COLOUR COPIES MAY ALTER INTERPRETATION.



PROJECT NAME:	
HAZARDOUS BUILDING MATERIALS ASSESSMENT	
CLIENT NAME:	
LOYALIST TOWNSHIP	
PROJECT LOCATION:	
240 COUNTY ROAD 4 MILLHAVEN, ON	
FIGURE NAME:	
GROUND FLOOR	
PROJECT NUMBER:	SCALE:
337875.001	NOT TO SCALE
DRAWN BY:	REVIEWED BY:
KS	HM
DATE:	FIGURE NUMBER:
MARCH 2024	1 OF 2



- ASBESTOS-CONTAINING MATERIALS:**
- | | |
|---|---|
|  | THINSET UNDER CERAMIC TILES ON FLOOR (PRESUMED) |
|  | THINSET UNDER CERAMIC TILES ON FLOOR AND WALLS (PRESUMED) |

LEGEND IS COLOUR DEPENDENT.
NON-COLOUR COPIES MAY ALTER
INTERPRETATION.



CLIENT NAME:

PROJECT LOCATION:

FIGURE NAME:

PROJECT NUMBER:

SCALE:

DRAWN BY:

REVIEWED BY:

DATE: _____

FIGURE NUMBER:

2 OF 2

APPENDIX II-A
Asbestos Analytical Certificates



Your Project #: 337875.001
Your C.O.C. #: na

Attention: Laura Skoblenick

Pinchin Ltd
1456 Centennial Drive
Suite 2
Kingston, ON
CANADA K7P 0K4

Report Date: 2024/03/15
Report #: R8067729
Version: 2 - Revision

CERTIFICATE OF ANALYSIS – REVISED REPORT

BUREAU VERITAS JOB #: C452107

Received: 2024/02/21, 09:53

Sample Matrix: Solid
Samples Received: 14

Analyses	Date		Date Analyzed	Laboratory Method	Analytical Method
	Quantity	Extracted			
Asbestos by PLM - 0.5 RDL (1)	14	N/A	2024/02/27	COR3SOP-00002	EPA 600R-93/116

Remarks:

Bureau Veritas is accredited to ISO/IEC 17025 for specific parameters on scopes of accreditation. Unless otherwise noted, procedures used by Bureau Veritas are based upon recognized Provincial, Federal or US method compendia such as CCME, EPA, APHA or the Quebec Ministry of Environment.

All work recorded herein has been done in accordance with procedures and practices ordinarily exercised by professionals in Bureau Veritas' profession using accepted testing methodologies, quality assurance and quality control procedures (except where otherwise agreed by the client and Bureau Veritas in writing). All data is in statistical control and has met quality control and method performance criteria unless otherwise noted. All method blanks are reported; unless indicated otherwise, associated sample data are not blank corrected. Where applicable, unless otherwise noted, Measurement Uncertainty has not been accounted for when stating conformity to the referenced standard.

Bureau Veritas liability is limited to the actual cost of the requested analyses, unless otherwise agreed in writing. There is no other warranty expressed or implied. Bureau Veritas has been retained to provide analysis of samples provided by the Client using the testing methodology referenced in this report. Interpretation and use of test results are the sole responsibility of the Client and are not within the scope of services provided by Bureau Veritas, unless otherwise agreed in writing. Bureau Veritas is not responsible for the accuracy or any data impacts, that result from the information provided by the customer or their agent.

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.

Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested.

This Certificate shall not be reproduced except in full, without the written approval of the laboratory.

Bureau Veritas' Asbestos Laboratory is accredited by NVLAP for bulk asbestos analysis by polarized light microscopy, NVLAP Code 600136-0.

This report may not be reproduced, except in full, without the written approval of Bureau Veritas. This report may not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any other agency of the U.S. Government.

Bureau Veritas' scope of accreditation includes EPA -- 40 CFR Appendix E to Subpart E of Part 763, "Interim Method for the Determination of Asbestos in Bulk Insulation Samples" and EPA-600/R-93/116: "Method for the Determination of Asbestos in Bulk Building Materials".

Reference Method suffix "m" indicates test methods incorporate validated modifications from specific reference methods to improve performance.

* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

(1) P.O.B. - Percent of Bulk



Your Project #: 337875.001
Your C.O.C. #: na

Attention: Laura Skoblenick

Pinchin Ltd
1456 Centennial Drive
Suite 2
Kingston, ON
CANADA K7P 0K4

Report Date: 2024/03/15
Report #: R8067729
Version: 2 - Revision

CERTIFICATE OF ANALYSIS – REVISED REPORT

BUREAU VERITAS JOB #: C452107

Received: 2024/02/21, 09:53

When Asbestos data is reported with other data, this report contains data that are not covered by the NVLAP accreditation.

Encryption Key

Nilushi Mahathantila
Project Manager
15 Mar 2024 15:49:29

Please direct all questions regarding this Certificate of Analysis to:

Nilushi Mahathantila, Project Manager
Email: Nilushi.Mahathantila@bureauveritas.com
Phone# (905) 817-5700

=====

Bureau Veritas has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation, please refer to the Validation Signatures page if included, otherwise available by request. For Department specific Analyst/Supervisor validation names, please refer to the Test Summary section if included, otherwise available by request. This report is authorized by Rodney Major, General Manager responsible for Ontario Environmental laboratory operations.



Asbestos Analytical Results

EPA/600R-93/116 by Polarized Light Microscopy

S0001A WALL,ALL,PAINT,CONCRETE (PRECAST),WHITE/BLUE,LOC:1,GARAGE					
Bureau Veritas ID: YKX334		Date Analyzed: 2024/02/27			
	P.O.B	Sample Morphology	Asbestos	Other Fibres	Particulate
Layer 1	100	Non-homogeneous white/blue paint	Not Detected		Non-Fibrous

S0001B WALL,ALL,PAINT,CONCRETE (PRECAST),WHITE/BLUE,LOC:1,GARAGE					
Bureau Veritas ID: YKX335		Date Analyzed: 2024/02/27			
	P.O.B	Sample Morphology	Asbestos	Other Fibres	Particulate
Layer 1	100	Non-homogeneous white/blue paint	Not Detected		Non-Fibrous

S0001C WALL,ALL,PAINT,CONCRETE (PRECAST),WHITE/BLUE,LOC:1,GARAGE					
Bureau Veritas ID: YKX336		Date Analyzed: 2024/02/27			
	P.O.B	Sample Morphology	Asbestos	Other Fibres	Particulate
Layer 1	100	Non-homogeneous white/blue paint	Not Detected		Non-Fibrous

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, “<0.50%”. “Not Detected” indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)
Date Format : yyyy/mm/dd



Asbestos Analytical Results

EPA/600R-93/116 by Polarized Light Microscopy

S0001D WALL,ALL,PAINT,CONCRETE (PRECAST),WHITE,LOC:4,VESTIBULE					
Bureau Veritas ID: YKX337		Date Analyzed: 2024/02/27			
	P.O.B	Sample Morphology	Asbestos	Other Fibres	Particulate
Layer 1	100	Non-homogeneous white/green paint	Not Detected		Non-Fibrous

S0001E WALL,ALL,PAINT,CONCRETE (PRECAST),OFF WHITE,LOC:7,LUNCH ROOM					
Bureau Veritas ID: YKX338		Date Analyzed: 2024/02/27			
	P.O.B	Sample Morphology	Asbestos	Other Fibres	Particulate
Layer 1	100	Non-homogeneous white/green paint	Not Detected		Non-Fibrous

S0002A WALL,ALL,DRYWALL AND JOINT COMPOUND,LOC:2,WOMEN'S WASHROOM					
Bureau Veritas ID: YKX339		Date Analyzed: 2024/02/27			
	P.O.B	Sample Morphology	Asbestos	Other Fibres	Particulate
Layer 1	100	Homogeneous white drywall joint compound	Not Detected		Non-Fibrous

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, "<0.50%". "Not Detected" indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)
Date Format : yyyy/mm/dd



Asbestos Analytical Results

EPA/600R-93/116 by Polarized Light Microscopy

S0002B WALL,ALL,DRYWALL AND JOINT COMPOUND,OFF WHITE,LOC:3,MECHANICAL ROOM					
Bureau Veritas ID: YKX340		Date Analyzed: 2024/02/27			
	P.O.B	Sample Morphology	Asbestos	Other Fibres	Particulate
Layer 1	100	Homogeneous white drywall joint compound	Not Detected		Non-Fibrous

S0002C WALL,ALL,DRYWALL AND JOINT COMPOUND,OFF WHITE,LOC:5,MEN'S WASHROOM					
Bureau Veritas ID: YKX341		Date Analyzed: 2024/02/27			
	P.O.B	Sample Morphology	Asbestos	Other Fibres	Particulate
Layer 1	100	Homogeneous white drywall joint compound	Not Detected		Non-Fibrous

S0003A WALL,WINDOW,CAULKING,BUTYL SEALANT,LOC:0,EXTERIOR					
Bureau Veritas ID: YKX342		Date Analyzed: 2024/02/27			
	P.O.B	Sample Morphology	Asbestos	Other Fibres	Particulate
Layer 1	100	Homogeneous black butyl sealant	Not Detected		Non-Fibrous

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, "<0.50%". "Not Detected" indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)
Date Format : yyyy/mm/dd



Asbestos Analytical Results

EPA/600R-93/116 by Polarized Light Microscopy

S0003B WALL,WINDOW,CAULKING,BUTYL SEALANT,LOC:0,EXTERIOR					
Bureau Veritas ID: YKX343		Date Analyzed: 2024/02/27			
	P.O.B	Sample Morphology	Asbestos	Other Fibres	Particulate
Layer 1	100	Homogeneous black butyl sealant	Not Detected		Non-Fibrous

S0003C WALL,WINDOW,CAULKING,BUTYL SEALANT,LOC:0,EXTERIOR					
Bureau Veritas ID: YKX344		Date Analyzed: 2024/02/27			
	P.O.B	Sample Morphology	Asbestos	Other Fibres	Particulate
Layer 1	100	Homogeneous black butyl sealant	Not Detected		Non-Fibrous

S0004A WALL,ALL,CAULKING, GREY,LOC:0,EXTERIOR					
Bureau Veritas ID: YKX345		Date Analyzed: 2024/02/27			
	P.O.B	Sample Morphology	Asbestos	Other Fibres	Particulate
Layer 1	100	Homogeneous white caulking	Not Detected		Non-Fibrous

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, “<0.50%”. “Not Detected” indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)
Date Format : yyyy/mm/dd



Bureau Veritas Job #: C452107
Report Date: 2024/03/15

Pinchin Ltd
Client Project #: 337875.001
Sampler Initials: KS

Asbestos Analytical Results

EPA/600R-93/116 by Polarized Light Microscopy

S0004B WALL,ALL,CAULKING, GREY,LOC:0,EXTERIOR					
Bureau Veritas ID: YKX346		Date Analyzed: 2024/02/27			
	P.O.B	Sample Morphology	Asbestos	Other Fibres	Particulate
Layer 1	100	Homogeneous white caulking	Not Detected		Non-Fibrous

S0004C WALL,ALL,CAULKING, GREY,LOC:0,EXTERIOR					
Bureau Veritas ID: YKX347		Date Analyzed: 2024/02/27			
	P.O.B	Sample Morphology	Asbestos	Other Fibres	Particulate
Layer 1	100	Homogeneous white caulking	Not Detected		Non-Fibrous

The limit of quantitation is 0.50%, although asbestos may be qualitatively detected at concentrations less than 0.50%. Samples for which asbestos is detected at <0.50% are reported as trace, "<0.50%". "Not Detected" indicates that no asbestos fibres were observed.

Calibrated Visual Estimate (%)
Date Format : yyyy/mm/dd



TEST SUMMARY

Bureau Veritas ID: YKX334
Sample ID: S0001A WALL,ALL,PAINT,CONCRETE (PRECAST),WHITE/BLUE,LOC:1,GARAGE
Matrix: Solid

Collected: 2024/02/16
Shipped:
Received: 2024/02/21

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9242426	N/A		Haseeb Ahmad

Bureau Veritas ID: YKX335
Sample ID: S0001B WALL,ALL,PAINT,CONCRETE (PRECAST),WHITE/BLUE,LOC:1,GARAGE
Matrix: Solid

Collected: 2024/02/16
Shipped:
Received: 2024/02/21

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9242426	N/A		Haseeb Ahmad

Bureau Veritas ID: YKX335 Dup
Sample ID: S0001B WALL,ALL,PAINT,CONCRETE (PRECAST),WHITE/BLUE,LOC:1,GARAGE
Matrix: Solid

Collected: 2024/02/16
Shipped:
Received: 2024/02/21

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9242426	N/A		Haseeb Ahmad

Bureau Veritas ID: YKX336
Sample ID: S0001C WALL,ALL,PAINT,CONCRETE (PRECAST),WHITE/BLUE,LOC:1,GARAGE
Matrix: Solid

Collected: 2024/02/16
Shipped:
Received: 2024/02/21

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9242426	N/A		Haseeb Ahmad

Bureau Veritas ID: YKX337
Sample ID: S0001D WALL,ALL,PAINT,CONCRETE (PRECAST),WHITE,LOC:4,VESTIBULE
Matrix: Solid

Collected: 2024/02/16
Shipped:
Received: 2024/02/21

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9242426	N/A		Haseeb Ahmad

Bureau Veritas ID: YKX338
Sample ID: S0001E WALL,ALL,PAINT,CONCRETE (PRECAST),OFF WHITE,LOC:7,LUNCH ROOM
Matrix: Solid

Collected: 2024/02/16
Shipped:
Received: 2024/02/21

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9242426	N/A		Haseeb Ahmad

Bureau Veritas ID: YKX339
Sample ID: S0002A WALL,ALL,DRYWALL AND JOINT COMPOUND,LOC:2,WOMEN'S WASHROOM
Matrix: Solid

Collected: 2024/02/16
Shipped:
Received: 2024/02/21

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9242426	N/A		Haseeb Ahmad

BUREAU
VERITASBureau Veritas Job #: C452107
Report Date: 2024/03/15Pinchin Ltd
Client Project #: 337875.001
Sampler Initials: KS

TEST SUMMARY

Bureau Veritas ID: YKX340
Sample ID: S0002B WALL,ALL,DRYWALL AND JOINT COMPOUND,OFF WHITE,LOC:3,MECHANICAL ROOM
Matrix: Solid
Collected: 2024/02/16
Shipped:
Received: 2024/02/21

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9242426	N/A		Haseeb Ahmad

Bureau Veritas ID: YKX341
Sample ID: S0002C WALL,ALL,DRYWALL AND JOINT COMPOUND,OFF WHITE,LOC:5,MEN'S WASHROOM
Matrix: Solid
Collected: 2024/02/16
Shipped:
Received: 2024/02/21

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9242426	N/A		Haseeb Ahmad

Bureau Veritas ID: YKX342
Sample ID: S0003A WALL,WINDOW,CAULKING,BUTYL SEALANT,LOC:0,EXTERIOR
Matrix: Solid
Collected: 2024/02/16
Shipped:
Received: 2024/02/21

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9242426	N/A		Haseeb Ahmad

Bureau Veritas ID: YKX343
Sample ID: S0003B WALL,WINDOW,CAULKING,BUTYL SEALANT,LOC:0,EXTERIOR
Matrix: Solid
Collected: 2024/02/16
Shipped:
Received: 2024/02/21

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9242426	N/A		Haseeb Ahmad

Bureau Veritas ID: YKX344
Sample ID: S0003C WALL,WINDOW,CAULKING,BUTYL SEALANT,LOC:0,EXTERIOR
Matrix: Solid
Collected: 2024/02/16
Shipped:
Received: 2024/02/21

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9242426	N/A		Haseeb Ahmad

Bureau Veritas ID: YKX345
Sample ID: S0004A WALL,ALL,CAULKING, GREY,LOC:0,EXTERIOR
Matrix: Solid
Collected: 2024/02/16
Shipped:
Received: 2024/02/21

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9242426	N/A		Haseeb Ahmad

Bureau Veritas ID: YKX345 Dup
Sample ID: S0004A WALL,ALL,CAULKING, GREY,LOC:0,EXTERIOR
Matrix: Solid
Collected: 2024/02/16
Shipped:
Received: 2024/02/21

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9242426	N/A		Haseeb Ahmad



BUREAU
VERITAS

Bureau Veritas Job #: C452107
Report Date: 2024/03/15

Pinchin Ltd
Client Project #: 337875.001
Sampler Initials: KS

TEST SUMMARY

Bureau Veritas ID: YKX346
Sample ID: S0004B WALL,ALL,CAULKING, GREY,LOC:0,EXTERIOR
Matrix: Solid

Collected: 2024/02/16
Shipped:
Received: 2024/02/21

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9242426	N/A		Haseeb Ahmad

Bureau Veritas ID: YKX347
Sample ID: S0004C WALL,ALL,CAULKING, GREY,LOC:0,EXTERIOR
Matrix: Solid

Collected: 2024/02/16
Shipped:
Received: 2024/02/21

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9242426	N/A		Haseeb Ahmad



BUREAU
VERITAS

Bureau Veritas Job #: C452107
Report Date: 2024/03/15

Pinchin Ltd
Client Project #: 337875.001
Sampler Initials: KS

GENERAL COMMENTS

Revised Report (2024/03/15): Client sample IDs have been amended.

Results relate only to the items tested.



BUREAU
VERITAS

Bureau Veritas Job #: C452107

Report Date: 2024/03/15

Pinchin Ltd

Client Project #: 337875.001

Sampler Initials: KS

VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by:

Jon Delos Santos, Laboratory Supervisor

Bureau Veritas has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation, please refer to the Validation Signatures page if included, otherwise available by request. For Department specific Analyst/Supervisor validation names, please refer to the Test Summary section if included, otherwise available by request. This report is authorized by Rodney Major, General Manager responsible for Ontario Environmental laboratory operations.

APPENDIX II-B
Lead Analytical Certificates

Certificate of Analysis

Pinchin Ltd. (Kingston)

1456 Centennial Drive, Suite 2
Kingston, ON K7P 0K4
Attn: Katie Sullivan

Client PO:
Project: 337875.001
Custody:

Report Date: 21-Feb-2024
Order Date: 20-Feb-2024

Order #: 2408014

This Certificate of Analysis contains analytical data applicable to the following samples as submitted:

Paracel ID	Client ID
2408014-01	L0001 - White/Blue, masonry wall, composite, Loc. 1
2408014-02	L0002 - Multi-coloured, concrete block wall, composite, Loc.1,5
2408014-03	L0003 - White/Blue, metal, composite, Loc. 1, 7
2408014-04	L0004 - White, drywall, composite, Loc. 2, 5
2408014-05	L0005 - Grey, concrete floor, Loc. 7

Approved By:

Mark Foto

Mark Foto, M.Sc.
Lab Supervisor

Any use of these results implies your agreement that our total liability in connection with this work, however arising shall be limited to the amount paid by you for this work, and that our employees or agents shall not under circumstances be liable to you in connection with this work

Certificate of Analysis

Client: Pinchin Ltd. (Kingston)

Client PO:

Report Date: 21-Feb-2024

Order Date: 20-Feb-2024

Project Description: 337875.001

Analysis Summary Table

Analysis	Method Reference/Description	Extraction Date	Analysis Date
Metals, ICP-MS	EPA 6020 - Digestion - ICP-MS	21-Feb-24	21-Feb-24

Qualifier Notes:*Sample Qualifiers :*

- 1 : Complete separation of paint from substrate not possible for this sample and a small amount of substrate has been included in the paint digestion.

Sample Data Revisions

None

Work Order Revisions/Comments:

None

Other Report Notes:

n/a: not applicable

ND: Not Detected

MDL: Method Detection Limit

Source Result: Data used as source for matrix and duplicate samples

%REC: Percent recovery.

RPD: Relative percent difference.

Certificate of Analysis

Report Date: 21-Feb-2024

Client: Pinchin Ltd. (Kingston)

Order Date: 20-Feb-2024

Client PO:

Project Description: 337875.001

Sample Results

Lead					Matrix: Paint
Paracel ID	Client ID	Sample Date	Units	MDL	Result
2408014-01	L0001 - White/Blue, masonry wall, composite, Loc. 1	16-Feb-24	% by Wt.	0.0005	0.0124 [1]
2408014-02	L0002 - Multi-coloured, concrete block wall, composite,	16-Feb-24	% by Wt.	0.0005	0.0878 [1]
2408014-03	L0003 - White/Blue, metal, composite, Loc. 1, 7	16-Feb-24	% by Wt.	0.0005	0.0386 [1]
2408014-04	L0004 - White, drywall, composite, Loc. 2, 5	16-Feb-24	% by Wt.	0.0005	0.0008 [1]
2408014-05	L0005 - Grey, concrete floor, Loc. 7	16-Feb-24	% by Wt.	0.0005	0.414

Laboratory Internal QA/QC

Analyte	Result	Reporting Limit	Units	Source Result	%REC	%REC Limit	RPD	RPD Limit	Notes
Matrix Blank									
Lead	ND	0.0005	% by Wt.						
Matrix Duplicate									
Lead	0.0170	0.0005	% by Wt.	0.0141			18.00	50	
Matrix Spike									
Lead	51.5	5.00	% by Wt.	5.7	91.7	70-130			



Paracel ID: 2408014

Paracel Order Number
(Lab Use Only)

2408014

Chain Of Custody
(Lab Use Only)

Page 1 of 1

Client Name: Pinchin Ltd.
Contact Name: Katie Sullivan
Address: 1456 Centennial Drive, Suite 2, Kingston
Telephone: 613.541.1013

Project Ref:
Quote #:
PO #: 337875.001
E-mail: ksullivan@pinchin.com

Turnaround Time
☐ 1 day ☐ 3 day
☐ 2 day ☒ Regular
Date Required: February 23, 2024

☐ REG 153/04 ☐ REG 406/19
☐ Table 1 ☐ Res/Park ☐ Med/Fine
☐ Table 2 ☐ Ind/Comm ☐ Coarse
☐ Table 3 ☐ Agri/Other
☐ Table _____
For RSC: ☐ Yes ☐ No

Other Regulation
☐ REG 558 ☐ PWQO
☐ CCME ☐ MISA
☐ SU - Sani ☐ SU - Storm
Mun: _____
☐ Other: _____

Matrix Type: S (Soil/Sed.) GW (Ground Water)
SW (Surface Water) SS (Storm/Sanitary Sewer)
P (Paint) A (Air) O (Other)

Required Analysis

Sample ID/Location Name		Matrix	Air Vol	# of C	Date		Time		LEAD																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
-------------------------	--	--------	---------	--------	------	--	------	--	------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Comments:
cc lskoblenick@pinchin.com with results
Please report results in percent

Method of Delivery:

Pumpster

Verified By: SS

Date/Time: Feb 20, 2024 9:15am

Date/Time: Feb 20, 24 0944

pH Verified: ☐ By:

Relinquished By (Sign):

Received By Driver/Depot:

Received at Lab:

SD

Relinquished By (Print): Katie Sullivan

Date/Time:

Date/Time:

Date/Time: February 16, 2024

Temperature:

°C

Temperature:

Chain of Custody (Blank).xlsx

Revision 4.0

APPENDIX III

Methodology



1.0 GENERAL

An investigation was conducted to identify the type of Hazardous Building Materials incorporated in the structure and its finishes.

Information regarding the location and condition of hazardous building materials encountered and visually estimated quantities were recorded. The locations of any samples collected were recorded on small-scale plans. As-built drawings and previous reports were referenced where provided.

Sample collection was conducted in accordance with our Standard Operating Procedures.

1.1 Asbestos

The investigation for asbestos included friable and non-friable asbestos-containing materials (ACM). A friable material is a material that when dry can be crumbled, pulverized or powdered by hand pressure, or a material that has already become crushed, pulverized, or powdered.

A separate set of samples was collected of each type of homogenous material suspected to contain asbestos. A homogenous material is defined by the US EPA as 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. The homogeneous materials were determined by visual examination and available information on the phases of construction and prior renovations.

Samples were collected at a rate that is in compliance with the requirements of local regulations and guidelines. The sampling strategy was also based on known ban dates and phase out dates of the use of asbestos; sampling of certain building materials is not conducted after specific construction dates. In addition, to be conservative, several years past these dates are added to account for some uncertainty in the exact start / finish date of construction and associated usage of ACM. In some cases, manufactured products such as asbestos cement pipe were visually identified without sample confirmation.

The asbestos analysis of select materials was completed using a stop-positive approach. Only one result meeting the regulated criteria was required to determine that a material is asbestos-containing, but all samples must be analyzed to conclusively determine that a material is non-asbestos. The laboratory stopped analyzing samples from a homogeneous material once a result equal to or greater than the regulated criteria is detected in any of the samples of that material. All samples of a homogeneous material were analyzed if no asbestos is detected. In some cases, all samples were analyzed in the sample set regardless of result.

The analysis was performed in accordance with Test Method EPA/600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials, July 1993.

Analytical results were compared to the following criteria:

Jurisdiction	Friable	Non-Friable
Ontario	0.5%	0.5%

Where building materials are described in the report as “non-asbestos” or “does not contain asbestos”, this means that either no asbestos was detected by the analytical method utilized in any of the multiple samples or, if detected, it is below the lower limit of an asbestos-containing material in the applicable regulation. Additionally, these terms are used for materials which historically are known to not include asbestos in their manufacturing.

Asbestos materials were evaluated in order to make recommendations regarding any remedial work. The priority for remedial action was based on several factors:

- Friability (friable or non-friable)
- Condition (good, fair, poor, debris)
- Accessibility (ranking from accessible to all building users to inaccessible)
- Visibility (whether the material is obscured by other building components)
- Efficiency of the work (for example, if damaged ACM is being removed in an area, it may be most practical to remove all ACM in the area even if it is in good condition)

1.2 Lead

Samples of distinctive paint finishes, and surface coatings present in more than a limited application, where removal of the paint is possible were collected. The samples were collected by scraping the painted finish to include base and covering applications.

Analysis for lead in paints or surface coatings was performed in accordance with EPA Method No. 3050B/EPA SW-846-6020B0B, inductively coupled plasma – mass spectrometry.

Analytical results were compared to the following criteria.

Jurisdiction	Units (%)	Units (ppm) / (mg/kg)
Ontario	0.1	1,000

Other lead building products (e.g. batteries, lead sheeting, flashing) were identified by visual observation only.

1.3 Silica

Building materials known to contain crystalline silica (e.g. concrete, cement, tile, brick, masonry, mortar) were identified by visual inspection only. Pinchin did not perform sampling of these materials for laboratory analysis of crystalline silica content.

1.4 Mercury

Building materials, products or equipment (e.g. thermostats, barometers, pressure gauges, lamp tubes), suspected to contain mercury were identified by visual inspection only. Dismantling of equipment suspected of containing mercury was not performed. Sampling of these materials for laboratory analysis of mercury content was not performed.

1.5 Polychlorinated Biphenyls

The potential for light ballast and oil filled transformers to contain PCBs was based on the age of the building, a review of maintenance records, and examination of labels or nameplates on equipment, where present and accessible. The information was compared to known ban dates of PCBs and Environment Canada publications.

Dry type transformers were presumed to be free of dielectric fluids and hence non-PCB.

Fluids (mineral oil, hydraulic, Aroclor or Askarel) in transformers or other equipment were not sampled for PCB content.

1.6 Visible Mould

The presence of mould or water damage was determined by visual inspection of exposed building surfaces. If any mould growth or water damage was concealed within building cavities it was not addressed in this assessment.

Template: Methodology for Hazardous Building Materials Assessment, HAZ, January 16, 2024

APPENDIX IV
Location Summary Report

Client:Loyalist Township
Building Name: Garage Building
Survey Date:
Building Phases: A: 1970

Site: 240 County Road 4, Millhaven, ON
Last Re-Assessment:

Location No.	Name or Description	Area ft ²	Floor No.	Bldg. Phase	Notes
0	Exterior	0	1	A	
1	Garage	1600	1	A	
2	Women's Washroom	120	1	A	
3	Mechanical Room	75	1	A	
4	Vestibule	30	1	A	
5	Men's Washroom	175	1	A	
6	Stairwell	100	1	A	
7	Lunch Room	300	2	A	
8	Offices	200	2	A	

APPENDIX V
Hazardous Materials Summary Report / Sample Log

Client:Loyalist Township

Site: 240 County Road 4, Millhaven, ON

Building Name: Garage Building

Survey Date:

HAZMAT	Sample No	System/Component/Material/Sample Description	Locations	Bldg. Phase	LF	SF	EA	%	Type	Positive	Friability
Asbestos	S0001 ABCDE	Wall All Paint White/blue	1,2,3,4,5,6,7,8	A	0	2680	0	0	None Detected	No	
Asbestos	S0002 ABC	Wall, Ceiling, Wall All Drywall And Joint Compound	2,3,4,5	A	0	410	0	0	None Detected	No	
Asbestos	S0003 ABC	Other Window Liner Caulking Butyl Sealant	0	A	200	0	0	0	None Detected	No	
Asbestos	S0004 ABC	Other Window Caulking, Grey	0	A	200	0	0	0	None Detected	No	
Asbestos	V9500	Floor All Mortar Thinset	2,4,5	A	0	325	0	0	Presumed Asbestos	Yes	NF
Asbestos	V9500	Wall All Mortar Thinset	2,5	A	0	100	0	0	Presumed Asbestos	Yes	NF
Asbestos	V0000	Ceiling All Ceiling Tiles (lay-in) 2"x4" Pinholes, 2013	2,5	A	0	295	0	0	Non Asbestos	No	
Paint	L0001	Wall Masonry White/blue	1	A	0	200	0	0	Lead (Low)	Yes	-
Paint	L0002	Wall Concrete (precast) White/green	1,2,3,4,5,6,7,8	A	0	2680	0	0	Lead (Low)	Yes	-
Paint	L0003	Structure Metal White	1,7,8	A	0	4000	0	0	Lead (Low)	Yes	-
Paint	L0004	Wall Drywall And Joint Compound Off-white	2,3,4,5	A	0	410	0	0		No	-
Paint	L0005	Floor Concrete (poured) Grey	3,6,7,8	A	0	675	0	0	Lead (High)	Yes	-
Lead Product	V9500	Batteries In Emer. Lights	1,6	A	0	0	0	100	Presumed Lead Product	Yes	-
PCB	V9000	Light Ballasts	1	A	0	0	0	100	PCB	Yes	-
PCB	V0000	Caulking	0	A	400	0	0	0	-	No	-
PCB	V0000	Light Ballasts	2,5,6,7,8	A	0	0	0	100	-	No	-
Hg	V9000	Light Fixture	1	A	0	0	0	14	Hg	Yes	-
Hg	V9000	Light Fixture	2	A	0	0	0	14	Hg	Yes	-
Hg	V9000	Light Fixture	5	A	0	0	0	14	Hg	Yes	-
Hg	V9000	Light Fixture	6	A	0	0	0	14	Hg	Yes	-
Hg	V9000	Light Fixture	7	A	0	0	0	14	Hg	Yes	-
Hg	V9000	Light Fixture	8	A	0	0	0	14	Hg	Yes	-
Hg	V9000	Thermostat	5	A	0	0	0	14	Hg	Yes	-

Legend:

Sample number		Units			
S####	Asbestos sample collected	SF	Square feet	NF	Non Friable material.
L####	Paint sample collected	LF	Linear feet	F	Friable material
P####	PCB sample collected	EA	Each	PF	Potentially Friable material
M####	Mould sample collected	%	Percentage		
V####	Material visually similar to numbered sample collected				
V0000	Known non Hazardous Material				
V9000	Material is visually identified as Hazardous Material				
V9500	Material is presumed to be Hazardous Material				
[Loc. No.]	Abated Material				

APPENDIX VI
All Data Report

Client: Loyalist Township

Location: #0 : Exterior

Survey Date: 2024-02-15

Site: 240 County Road 4, Millhaven, ON

Floor: 1

Building Name: Garage Building

Room #:

Last Re-Assessment: 0000-00-00

Area (sqft): 0

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Other	Window	Caulking, Grey			A	Y		200			LF	S0004ABC	None Detected	N.D.	None	
Other	Window Liner	Caulking, Black Butyl Sealant			A	Y		200			LF	S0003ABC	None Detected	N.D.	None	
Wall	All	Metal			A	Y										

Client: Loyalist Township

Location: #0 : Exterior

Survey Date: 2024-02-15

Site: 240 County Road 4, Millhaven, ON

Floor: 1

Building Name: Garage Building

Room #:

Last Re-Assessment: 0000-00-00

Area (sqft): 0

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Caulking	400	LF	V0000	Caulking and butyl, Date Stamp 2012		No

ALL DATA REPORT

Client: Loyalist Township
Location: #1 : Garage
Survey Date: 2024-02-15

Site: 240 County Road 4, Millhaven, ON
Floor: 1

Building Name: Garage Building
Room #:
Last Re-Assessment: 0000-00-00

Area (sqft): 1600

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	All	None Found														
Duct	All	None Found														
Floor	All	Concrete (poured)			A	Y										
Mechanical Equipment	All	None Found														
Piping	All	Not Insulated			C	Y										
Structure	All	Metal		Paint	C	Y										
Wall	All	Concrete (precast)		Paint	A	Y										
Wall	All	Masonry		Paint	A	Y										
Wall	All	Metal		Paint	A	Y										
Wall	All	Paint, On concrete block			A	Y		1000			SF	S0001ABC	None Detected	N.D.	None	

Client: Loyalist Township
Location: #1 : Garage
Survey Date: 2024-02-15

Site: 240 County Road 4, Millhaven, ON
Floor: 1

Building Name: Garage Building
Room #:
Last Re-Assessment: 0000-00-00

Area (sqft): 1600

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Masonry	200		SF	L0001	White/blue	Pb: 0.0124 %	Lead (Low)	
Wall	Concrete (precast)	1000		SF	L0002	White/blue	Pb: 0.0878 %	Lead (Low)	
Wall	Metal	3000		SF	L0003	White/blue	Pb: 0.0836 %	Lead (Low)	
Structure	Metal	500		SF	L0003	White/blue	Pb: 0.0836 %	Lead (Low)	

Client: Loyalist Township
Location: #1 : Garage
Survey Date: 2024-02-15

Site: 240 County Road 4, Millhaven, ON
Floor: 1

Building Name: Garage Building
Room #:
Last Re-Assessment: 0000-00-00

Area (sqft): 1600

PB PRODUCTS				
Component	Quantity	Unit	Sample	Hazard
Batteries In Emer. Lights	100	%	V9500	Presumed

Client: Loyalist Township
Location: #1 : Garage
Survey Date: 2024-02-15

Site: 240 County Road 4, Millhaven, ON
Floor: 1

Building Name: Garage Building
Room #:
Last Re-Assessment: 0000-00-00

Area (sqft): 1600

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	100	%	V9000	Yes

Client: Loyalist Township
Location: #1 : Garage
Survey Date: 2024-02-15

Site: 240 County Road 4, Millhaven, ON
Floor: 1

Building Name: Garage Building
Room #:
Last Re-Assessment: 0000-00-00

Area (sqft): 1600

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Light Ballasts	100	%	V9000	T12		Yes

ALL DATA REPORT

Client: Loyalist Township
Location: #2 : Women's Washroom
Survey Date: 2024-02-15

Site: 240 County Road 4, Millhaven, ON
Floor: 1

Building Name: Garage Building
Room #:
Last Re-Assessment: 0000-00-00

Area (sqft): 120

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	All	Ceiling Tiles (lay-in), 2"x4" Pinholes, 2013			C	Y		120			SF	V0000	Non-Asbestos		None	
Duct	All	Fibreglass		Foil Face	C	N										
Floor	All	Ceramic Tiles			A	Y										
Floor	All	Mortar, Thinset		Ceramic Tiles	D	N		120(7)			SF	V9500	Presumed Asbestos		Presumed Asbestos	NF
Mechanical Equipment	All	None Found														
Other	Window Liner	Rubber			A	Y										
Piping	All	Not Insulated			C	N										
Structure	All	Metal			C	N										
Wall	All	Concrete (precast)		Paint	A	Y										
Wall	All	Drywall and joint compound		Paint	A	Y		100			SF	S0002A	None Detected	N.D.	None	
Wall	All	Ceramic Tiles			A	Y										
Wall	All	Paint, On concrete block			A	Y		150			SF	V0001	None Detected	N.D.	None	
Wall	All	Mortar, Thinset		Ceramic Tiles	D	N		50(7)			SF	V9500	Presumed Asbestos		Presumed Asbestos	NF

Client: Loyalist Township
Location: #2 : Women's Washroom
Survey Date: 2024-02-15

Site: 240 County Road 4, Millhaven, ON
Floor: 1

Building Name: Garage Building
Room #:
Last Re-Assessment: 0000-00-00

Area (sqft): 120

PAINT								
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard
Wall	Drywall and joint compound	100		SF	L0004	Off-white	Pb: 0.0008 %	No
Wall	Concrete (precast)	150		SF	V0002	White	Pb: 0.0878 %	Lead (Low)

Client: Loyalist Township
Location: #2 : Women's Washroom
Survey Date: 2024-02-15

Site: 240 County Road 4, Millhaven, ON
Floor: 1

Building Name: Garage Building
Room #:
Last Re-Assessment: 0000-00-00

Area (sqft): 120

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	100	%	V9000	Yes

Client: Loyalist Township
Location: #2 : Women's Washroom
Survey Date: 2024-02-15

Site: 240 County Road 4, Millhaven, ON
Floor: 1

Building Name: Garage Building
Room #:
Last Re-Assessment: 0000-00-00

Area (sqft): 120

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Light Ballasts	100	%	V0000	T8		No

ALL DATA REPORT

Client: Loyalist Township
Location: #3 : Mechanical Room
Survey Date: 2024-02-15

Site: 240 County Road 4, Millhaven, ON
Floor: 1

Building Name: Garage Building
Room #:
Last Re-Assessment: 0000-00-00

Area (sqft): 75

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	All	None Found														
Duct	All	None Found														
Floor	All	Concrete (poured)		Paint	A	Y										
Mechanical Equipment	Heating Water Tank	Fibreglass		Metal	A	Y										
Piping	All	Not Insulated			C	Y										
Structure	All	Metal			C	Y										
Wall	All	Concrete (precast)		Paint	A	Y										
Wall	All	Drywall and joint compound		Paint	A	Y		100			SF	S0002B	None Detected	N.D.	None	
Wall	All	Paint, On concrete block			A	Y		100			SF	V0001	None Detected	N.D.	None	

Client: Loyalist Township
Location: #3 : Mechanical Room
Survey Date: 2024-02-15

Site: 240 County Road 4, Millhaven, ON
Floor: 1

Building Name: Garage Building
Room #:
Last Re-Assessment: 0000-00-00

Area (sqft): 75

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Floor	Concrete (poured)	75		SF	V0005	Grey	Pb: 0.414 %	Lead (High)	
Wall	Drywall and joint compound	100		SF	V0004	Off-white	Pb: 0.0008 %	No	
Wall	Concrete (precast)	100		SF	V0002	White	Pb: 0.0878 %	Lead (Low)	

ALL DATA REPORT

Client: Loyalist Township
Location: #4 : Vestibule
Survey Date: 2024-02-15

Site: 240 County Road 4, Millhaven, ON
Floor: 1

Building Name: Garage Building
Room #:
Last Re-Assessment: 0000-00-00

Area (sqft): 30

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	All	Drywall and joint compound		Paint	C	Y		30			SF	V0002	None Detected	N.D.	None	
Duct	All	None Found														
Floor	All	Ceramic Tiles			A	Y										
Floor	All	Mortar, Thinset			D	N		30(7)			SF	V9500	Presumed Asbestos		Presumed Asbestos	NF
Mechanical Equipment	All	None Found														
Piping	All	None Found														
Structure	All	None Found														
Wall	All	Concrete (precast)		Paint	A	Y										
Wall	All	Drywall and joint compound		Paint	A	Y		30			SF	V0002	None Detected	N.D.	None	
Wall	All	Paint, On concrete block			A	Y		30			SF	S0001D	None Detected	N.D.	None	

Client: Loyalist Township
Location: #4 : Vestibule
Survey Date: 2024-02-15

Site: 240 County Road 4, Millhaven, ON
Floor: 1

Building Name: Garage Building
Room #:
Last Re-Assessment: 0000-00-00

Area (sqft): 30

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Ceiling	Drywall and joint compound	30		SF	V0004	Off-white	Pb: 0.0008 %	No	
Wall	Concrete (precast)	30		SF	V0002	White	Pb: 0.0878 %	Lead (Low)	
Wall	Drywall and joint compound	30		SF	V0004	Off-white	Pb: 0.0008 %	No	

ALL DATA REPORT

Client: Loyalist Township
Location: #5 : Men's Washroom
Survey Date: 2024-02-15

Site: 240 County Road 4, Millhaven, ON
Floor: 1

Building Name: Garage Building
Room #:
Last Re-Assessment: 0000-00-00

Area (sqft): 175

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	All	Ceiling Tiles (lay-in), 2"x4" Pinholes, 2013			C	Y		175			SF	V0000	Non-Asbestos		None	
Duct	All	Fibreglass		Foil Face	C	N										
Floor	All	Ceramic Tiles			A	Y										
Floor	All	Mortar, Thinset		Ceramic Tiles	D	N		175(7)			SF	V9500	Presumed Asbestos		Presumed Asbestos	NF
Mechanical Equipment	All	None Found														
Piping	All	Not Insulated			C	N										
Structure	All	Metal			C	N										
Wall	All	Concrete (precast)		Paint	A	Y										
Wall	All	Drywall and joint compound		Paint	A	Y		150			SF	S0002C	None Detected	N.D.	None	
Wall	All	Ceramic Tiles			A	Y										
Wall	All	Paint, On concrete block			A	Y		200			SF	V0001	None Detected	N.D.	None	
Wall	All	Mortar, Thinset		Ceramic Tiles	D	N		50(7)			SF	V9500	Presumed Asbestos		Presumed Asbestos	NF

Client: Loyalist Township
Location: #5 : Men's Washroom
Survey Date: 2024-02-15

Site: 240 County Road 4, Millhaven, ON
Floor: 1

Building Name: Garage Building
Room #:
Last Re-Assessment: 0000-00-00

Area (sqft): 175

PAINT								
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard
Wall	Drywall and joint compound	150		SF	L0004	Off-white	Pb: 0.0008 %	No
Wall	Concrete (precast)	200		SF	L0002	White/green	Pb: 0.0878 %	Lead (Low)

Client: Loyalist Township
Location: #5 : Men's Washroom
Survey Date: 2024-02-15

Site: 240 County Road 4, Millhaven, ON
Floor: 1

Building Name: Garage Building
Room #:
Last Re-Assessment: 0000-00-00

Area (sqft): 175

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Thermostat	100	%	V9000	Yes
Light Fixture	100	%	V9000	Yes

Client: Loyalist Township
Location: #5 : Men's Washroom
Survey Date: 2024-02-15

Site: 240 County Road 4, Millhaven, ON
Floor: 1

Building Name: Garage Building
Room #:
Last Re-Assessment: 0000-00-00

Area (sqft): 175

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Light Ballasts	100	%	V0000	T8		No

ALL DATA REPORT

Client: Loyalist Township
Location: #6 : Stairwell
Survey Date: 2024-02-16

Site: 240 County Road 4, Millhaven, ON
Floor: 1

Building Name: Garage Building
Room #:
Last Re-Assessment: 0000-00-00

Area (sqft): 100

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	All	None Found														
Duct	All	None Found														
Floor	All	Concrete (poured)		Paint	A	Y										
Mechanical Equipment	All	None Found														
Piping	All	None Found														
Structure	All	Concrete (poured)			C	Y										
Wall	All	Concrete (precast)		Paint	A	Y										
Wall	All	Concrete (precast), On concrete block		Paint	A	Y		200			SF	V0001	None Detected	N.D.	None	

Client: Loyalist Township
Location: #6 : Stairwell
Survey Date: 2024-02-16

Site: 240 County Road 4, Millhaven, ON
Floor: 1

Building Name: Garage Building
Room #:
Last Re-Assessment: 0000-00-00

Area (sqft): 100

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description		Amount	Hazard
Floor	Concrete (poured)	100		SF	V0005	Grey		Pb: 0.414 %	Lead (High)
Wall	Concrete (precast)	200		SF	V0002	White/blue		Pb: 0.0878 %	Lead (Low)

Client: Loyalist Township
Location: #6 : Stairwell
Survey Date: 2024-02-16

Site: 240 County Road 4, Millhaven, ON
Floor: 1

Building Name: Garage Building
Room #:
Last Re-Assessment: 0000-00-00

Area (sqft): 100

PB PRODUCTS				
Component	Quantity	Unit	Sample	Hazard
Batteries In Emer. Lights	100	%	V9500	Presumed

Client: Loyalist Township
Location: #6 : Stairwell
Survey Date: 2024-02-16

Site: 240 County Road 4, Millhaven, ON
Floor: 1

Building Name: Garage Building
Room #:
Last Re-Assessment: 0000-00-00

Area (sqft): 100

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	100	%	V9000	Yes

Client: Loyalist Township
Location: #6 : Stairwell
Survey Date: 2024-02-16

Site: 240 County Road 4, Millhaven, ON
Floor: 1

Building Name: Garage Building
Room #:
Last Re-Assessment: 0000-00-00

Area (sqft): 100

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Light Ballasts	100	%	V0000	T8		No

ALL DATA REPORT

Client: Loyalist Township
Location: #7 : Lunch Room
Survey Date: 2024-02-15

Site: 240 County Road 4, Millhaven, ON
Floor: 2

Building Name: Garage Building
Room #:
Last Re-Assessment: 0000-00-00

Area (sqft): 300

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	All	None Found														
Duct	All	None Found														
Floor	All	Concrete (poured)		Paint	A	Y										
Mechanical Equipment	All	None Found														
Piping	All	Not Insulated			C	Y										
Structure	All	Metal		Paint	C	Y										
Wall	All	Concrete (precast)		Paint	A	Y										
Wall	All	Paint, On concrete block			A	Y		600			SF	S0001E	None Detected	N.D.	None	

Client: Loyalist Township
Location: #7 : Lunch Room
Survey Date: 2024-02-15

Site: 240 County Road 4, Millhaven, ON
Floor: 2

Building Name: Garage Building
Room #:
Last Re-Assessment: 0000-00-00

Area (sqft): 300

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Structure	Metal	300		SF	L0003	White	Pb: 0.0836 %	Lead (Low)	
Floor	Concrete (poured)	300		SF	L0005	Grey	Pb: 0.414 %	Lead (High)	
Wall	Concrete (precast)	600		SF	V0002	White/blue	Pb: 0.0878 %	Lead (Low)	

Client: Loyalist Township
Location: #7 : Lunch Room
Survey Date: 2024-02-15

Site: 240 County Road 4, Millhaven, ON
Floor: 2

Building Name: Garage Building
Room #:
Last Re-Assessment: 0000-00-00

Area (sqft): 300

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	100	%	V9000	Yes

Client: Loyalist Township
Location: #7 : Lunch Room
Survey Date: 2024-02-15

Site: 240 County Road 4, Millhaven, ON
Floor: 2

Building Name: Garage Building
Room #:
Last Re-Assessment: 0000-00-00

Area (sqft): 300

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Light Ballasts	100	%	V0000	T8		No

ALL DATA REPORT

Client: Loyalist Township
Location: #8 : Offices
Survey Date: 2024-02-16

Site: 240 County Road 4, Millhaven, ON
Floor: 2

Building Name: Garage Building
Room #:
Last Re-Assessment: 0000-00-00

Area (sqft): 200

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	All	None Found														
Duct	All	None Found														
Floor	All	Concrete (poured)		Paint	A	Y										
Mechanical Equipment	All	None Found														
Piping	All	Not Insulated			C	Y										
Structure	All	Metal		Paint	C	Y										
Wall	All	Concrete (precast)		Paint	A	Y										
Wall	All	Paint, On concrete block			A	Y		400			SF	V0001	None Detected	N.D.	None	

Client: Loyalist Township
Location: #8 : Offices
Survey Date: 2024-02-16

Site: 240 County Road 4, Millhaven, ON
Floor: 2

Building Name: Garage Building
Room #:
Last Re-Assessment: 0000-00-00

Area (sqft): 200

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description		Amount	Hazard
Floor	Concrete (poured)	200		SF	V0005	Grey		Pb: 0.414 %	Lead (High)
Structure	Metal	200		SF	V0003	White		Pb: 0.0836 %	Lead (Low)
Wall	Concrete (precast)	400		SF	V0002	White/blue		Pb: 0.0878 %	Lead (Low)

Client: Loyalist Township
Location: #8 : Offices
Survey Date: 2024-02-16

Site: 240 County Road 4, Millhaven, ON
Floor: 2

Building Name: Garage Building
Room #:
Last Re-Assessment: 0000-00-00

Area (sqft): 200

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	100	%	V9000	Yes

Client: Loyalist Township
Location: #8 : Offices
Survey Date: 2024-02-16

Site: 240 County Road 4, Millhaven, ON
Floor: 2

Building Name: Garage Building
Room #:
Last Re-Assessment: 0000-00-00

Area (sqft): 200

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Light Ballasts	100	%	V0000	T8		No

Legend:

Sample number		Units		Other	
S####	Asbestos sample collected	SF	Square feet	A	Access
L####	Paint sample collected	LF	Linear feet	V	Visible
P####	PCB sample collected	EA	Each	AP	Air Plenum
M####	Mould sample collected	%	Percentage	F	Friable material
V####	Material is visually identified to be identical to S####	LF	Linear feet	NF	Non Friable material
V0000	Known non hazardous material			PF	Potentially Friable material
V9000	Material visually identified as a Hazardous Material			Pb	Lead
V9500	Material is presumed to be a hazardous material			Hg	Mercury
				As	Arsenic
				Cr	Chromium

Access		Condition	
A	Accessible to all building occupants	Good	No visible damage or deterioration
B	Accessible to maintenance and operations staff without a ladder	Fair	Minor, repairable damage, cracking, delamination or deterioration
C	Accessible to maintenance and operations staff with a ladder. Also rarely entered, locked areas	Poor	Irreparable damage or deterioration with exposed and missing material
D	Not normally accessible		

Visible		Air Plenum	
Y	The material is visible when standing on the floor of the room, without the removal or opening of other building components (e.g. ceiling tiles or access panels).	Yes	The material is in a return air plenum or in a direct airstream or there is evidence of air erosion (e.g. duct for heating or cooling blowing directly on or across an ACM). This field is only completed where Air Plenum consideration is required by regulation.
N	The material is not visible to view when standing on the floor of the room and requires the removal of a building component (e.g. ceilings tiles or access panels) to view and access. Includes rarely entered crawlspaces, attic spaces, etc. Observations will be limited to the extent visible from the access points.	or No	

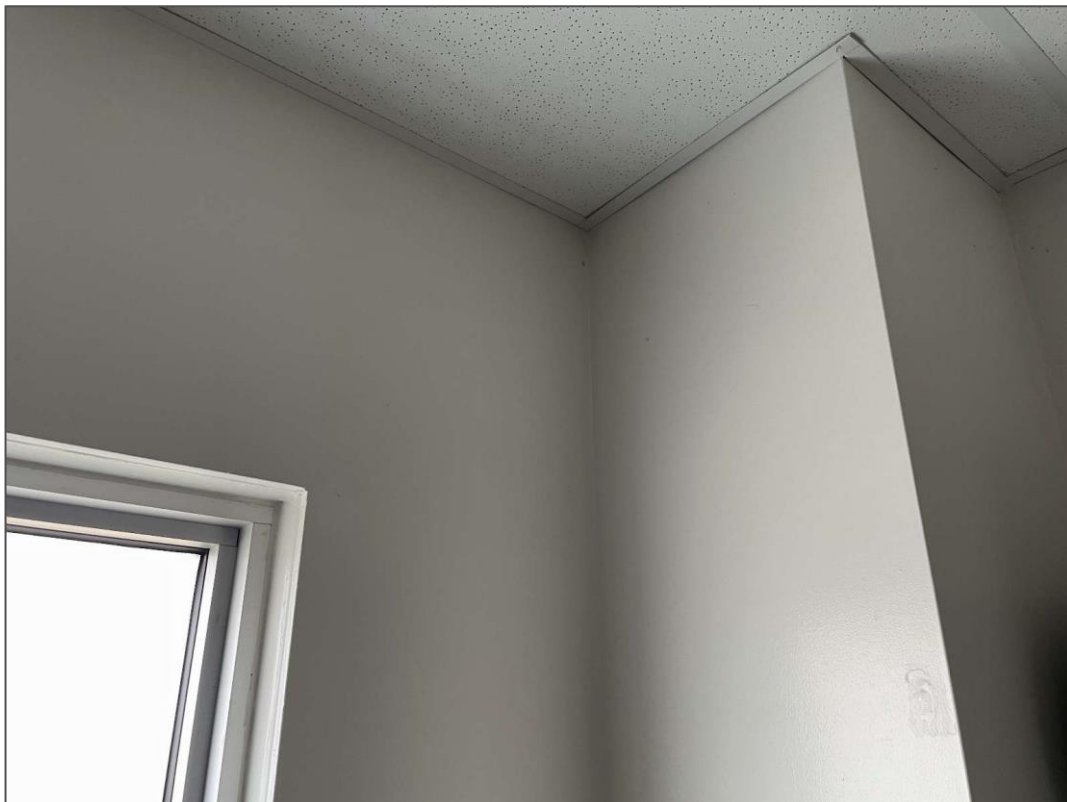
Colour Coding	
	The material is known to contain regulated concentrations of asbestos; either by analytical results or visible identification (use of the V9000 code).
	The material is presumed to contain asbestos; based on visual appearances; typically a material known to historically contain asbestos; however, not sampled due to limited access or the destructive nature of the sampling.

Action					
(1)	Clean up of ACM Debris	(2)	Precautions for Access Which may Disturb ACM Debris	(3)	ACM removal
(4)	Precautions for Work Which may Disturb ACM in Poor Condition	(5)	Proactive ACM removal (Minimum repair required for fair condition)	(6)	ACM repair
(7)	Management program and surveillance				

APPENDIX VII
Photographs



S0001A and L0002 – Non-asbestos white paint on concrete block containing low levels of lead.



S0002A and L0004 – Non-lead containing off-white paint on drywall wall with non-asbestos joint compound.



S0003A – Non-asbestos black butyl sealant on window liner.



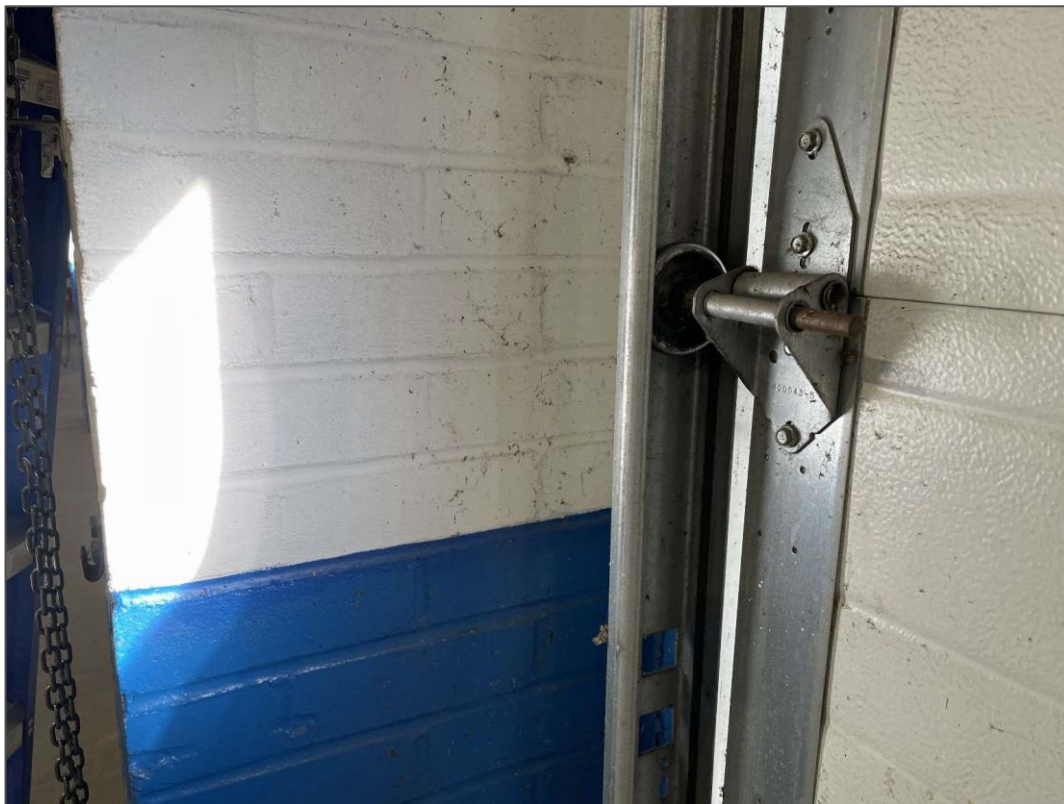
S0004A – Non-asbestos grey caulking on window.



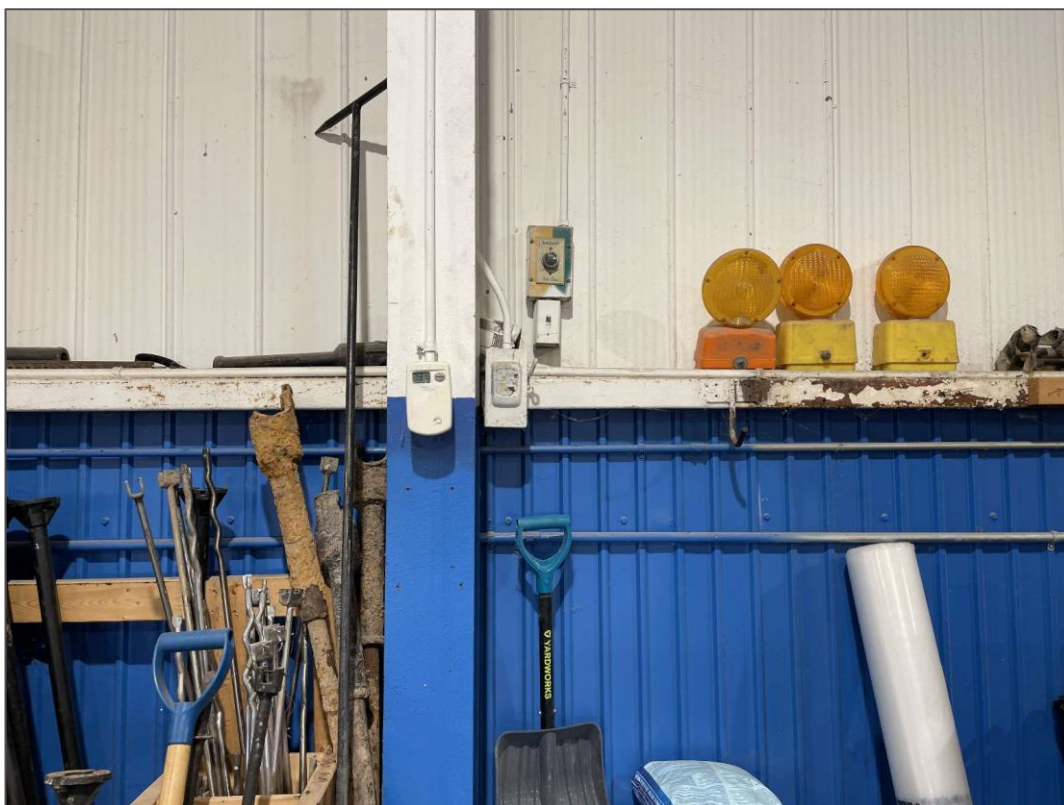
V9500 – Presumed asbestos-containing thinset under ceramic tiles on floor.



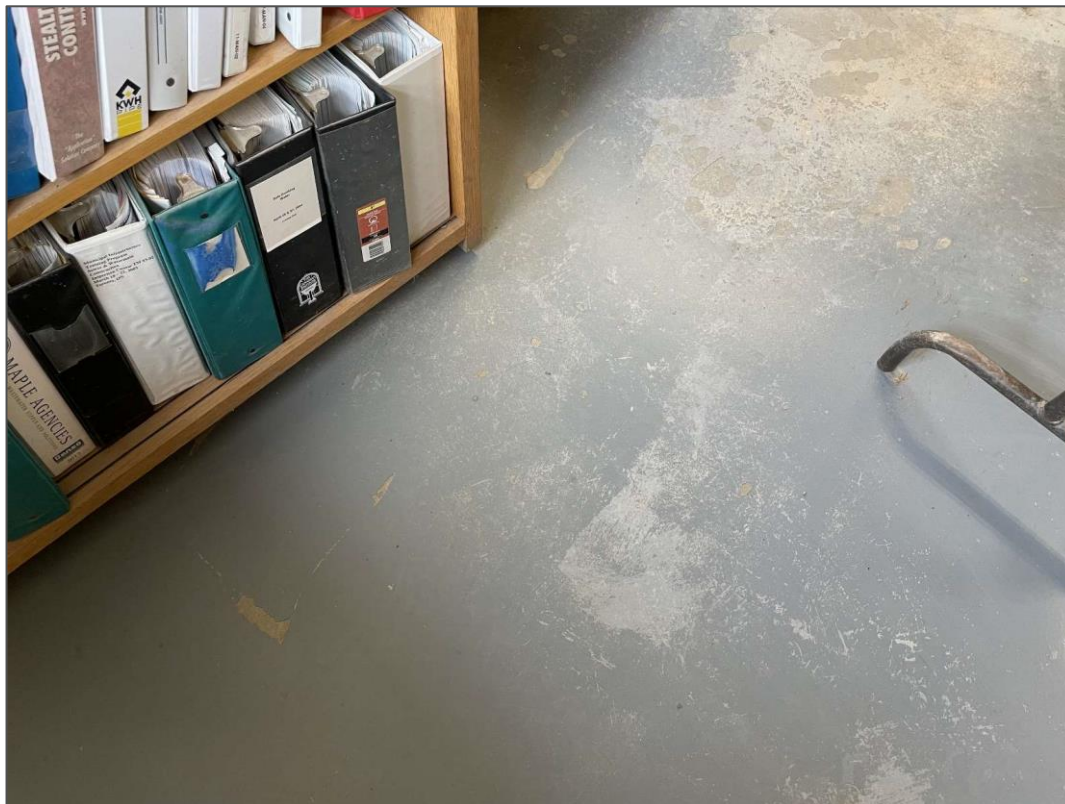
V0000 – Non-asbestos lay-in ceiling tiles with pinholes, date stamp: 2013.



L0001 – White/blue paint on masonry wall containing low levels of lead.



L0003 – White/blue paint on metal structure containing low levels of lead.



L0005 – Grey paint on concrete floor containing high levels of lead.