December 16, 2024

Kawartha Pine Ridge District School Board
1994 Fisher Drive, Box 719
Peterborough, Ontario K9J 7A1

Re: Hazardous Building Materials Assessment (Pre-construction)
Roof Sections A, B, C, D, and E and Specified Interior Areas
Courtice Secondary School, 1717 Nash Road, Courtice, Ontario
Pinchin File: 348218.007

Kawartha Pine Ridge District School Board (KPRDSB) (Client) retained Pinchin Ltd. (Pinchin) to conduct a hazardous building materials assessment of Courtice Secondary School located at 1717 Nash Road, Courtice, Ontario.

Pinchin performed the assessment of the exterior Roof Sections on November 13, 2024. The assessor was accompanied by a roofing subcontractor during the assessment. The assessed exterior area was unoccupied at the time of the assessment. Pinchin performed a visual assessment of the impacted interior areas, below specified roof areas, on December 5, 2024. The assessed interior areas were occupied at the time of the assessment.

The objective of the assessment was to identify specified hazardous building materials expected to be impacted in preparation for planned roof renovations. The proposed work as identified by the Client includes the following:

- Removal of Siporex deck and roofing materials on specified roof sections;
- Removal of existing roof drains and vents located on specified roof sections; and
- Removal and reinstallation of existing ceilings, lights, mechanical, and surface mounted items, as required, to facilitate the removal of roofing deck.

The results of this assessment are intended for use with a properly developed scope of work or performance specification.

The **assessed area** is limited to Roof Section A, B, C, D, and E and interior portions located directly below these roof sections, as described by the Client, and identified in the drawings in Appendix I.

It should be noted, HMIS Locations 191, 192, 193, and 194 were not assessed as the areas are not expected to be impacted by renovation work.

The assessment was performed to establish the type of specified hazardous building materials expected to be disturbed, locations and approximate quantities incorporated in the structure 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

Prepare scope of work or performance specifications for hazardous material removal required for the planned work. The specifications should include safe work practices, personal protective equipment, respiratory protection, and disposal of waste materials.

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.

Provide this report and the detailed plans and specifications to the contractor prior to bidding or commencing work.

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

Update the asbestos inventory upon completion of the abatement and removal of asbestos-containing materials and any other relevant findings.

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-based paints [i.e., greater 0.5% (5,000 mg/kg)], 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 applicable regulations, and/or guidelines.

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.

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.

2.0 BACKGROUND INFORMATION

2.1 Assessed Area Description Summary

Description Item	Details
Building Use	Secondary School
Floors Above Grade	Two
Floors Below Grade	N/A
Total Area (square feet)	The assessed area is approximately 7,158 square feet.
Year of Construction	The building was constructed in 1961 with two additions constructed in 1967 and 1972. The roof sections and impacted interior areas included in the assessment are part of the 1967 phase of construction. Roof sections A, B, and C were reportedly last renovated in 1992. Roof sections D and E were reportedly last renovated in 2002.
Structure	Structural steel and concrete
Exterior Cladding	Brick veneer and Transite panels
HVAC	Boiler and hot water heating to radiators, and rooftop HVAC system
Roof	Built-up roofing
Flooring	Vinyl tile, terrazzo
Wall and Ceiling Finishes	Drywall, concrete block, plaster, acoustic tile, ceramic tiles

2.2 Existing Reports

2.2.1 Review of Previous Reports

Pinchin reviewed the following reports and included relevant results as appropriate:

- “Asbestos Assessment, Kawartha Pine Ridge District School Board, Courtice Secondary School, 1717 Nash Road, Courtice, Ontario”, dated January 17, 2011, Pinchin File 59723.
- “Asbestos Assessment, Courtice Secondary School, 1717 Nash Road, Courtice, Ontario”, dated August 3, 2018, Pinchin File 217434.
- “Hazardous Building Materials Assessment, Washrooms 1005 & 1006 Courtice Secondary School 1717 Nash Road, Courtice, Ontario”, dated March 21, 2023, Pinchin File 319344.
- “Asbestos-Containing Materials Reassessment, Courtice Secondary School, 1717 Nash Road, Courtice, Ontario,” dated August 31, 2023, Pinchin File 315813.

- "Hazardous Building Materials Assessment (Pre-Construction), Roof Sections A, B, C and G, Courtice Secondary School, 1717 Nash Road, Courtice, Ontario," dated November 1, 2023, Pinchin File 332605.010.
- "Asbestos Reassessment, Courtice Secondary School, 1717 Nash Road, Courtice, Ontario," dated June 28, 2024, Pinchin File 335324.026.

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
V0011	**Drywall and joint compound on wall and bulkhead**	**Chrysotile**	**Yes**	**30 SF**	
V0018	12"x12" Vinyl Floor Tile and Mastic - Off white with grey splotch	None Detected	No	2100 SF	
S0025	**9"x9" Vinyl Floor Tile and Mastic - Blue and white streak**	**Chrysotile**	**Yes**	**75 SF**	**See Note #2**
S0032	Plaster on ceiling	None Detected	No	350 SF	
V0035	Plaster on ceiling	None Detected	No	630 SF	
S0068	White Caulking	None Detected	No	20 LF	
V0079	**White paint/primer on masonry walls - 1967 Phase**	**Chrysotile**	**Yes**	**170 SF**	
S0085	**Off-white paint/primer on masonry walls - 1967 Phase**	**Chrysotile**	**Yes**	**2,185 SF**	

Sample Number	Material Description	Type of Asbestos	Confirmed Hazard	Total Quantity Present	Notes
V0004	Plaster on ceiling	None Detected	No	400 SF	
S1014 ABC	**Roofing materials**	**Chrysotile**	**Yes**	**7,460 SF**	**Roof Section B and C See Site Note #1**
S1015 ABC	Roofing materials	None Detected	No	100 SF	Roof Section A
S1016 ABC	Black tar	None Detected	No	10 SF	On vents on Roof Section B
S1018 ABC	Built up Roofing Materials	None Detected	No	400 SF	Roof Section D
S1019 ABC	Built up Roofing Materials	None Detected	No	422 SF	Roof Section E
S1020 ABC	Grey caulking	None Detected	No	30 LF	On flashing on Roof Section D
S1021 ABC	Grey caulking	None Detected	No	20 LF	On Flashing on Roof Section E See Note #3
V9500	**Terrazzo Floor**	**Presumed Asbestos**	**Yes**	**820 SF**	**See Note #2**
V0000	24”x48” Ceiling Tiles (lay-in) - fleck and pinhole	None	No	2,375 SF	
V0000	12”x12” Vinyl Floor Tile and Mastic - grey splotch	None	No	100 SF	
V0000	White silicone caulking on vents	N/A	No	5 SF	

Site Specific Notes:

1. The black tar material present on the siporex deck, below gypsum layer, where gypsum is present on the deck, of Roof Sections B, and C contains asbestos (S1014Ba, S1014Ca). The associated gypsum layer is to be treated as asbestos-containing due to contamination from the tar.

2. These materials would not be expected to be impacted by the planned renovations; however, if a disturbance to asbestos-containing materials occurs, a qualified consultant should be retained to assess the hazard.
3. Grey caulking is in close proximity to non-friable asbestos-containing cement panels. Cement panels would not be expected to be impacted by the planned renovations; however, if a disturbance to asbestos-containing materials occurs, a qualified consultant should be retained to assess the hazard.

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.

3.1.1 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:

- Electrical components
- Mechanical packing, ropes, and gaskets
- Vermiculite
- Sealants on pipe threads
- Interior building finishes not scheduled to be impacted by the planned roof replacement.

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 paint sampled:

Sample Number	Material Description	Concentration	Confirmed Hazard	Total Quantity Present	Material Specific Notes
L0039	Black paint	0.53%	Yes	200 SF	On metal siding on exterior of rooftop mechanical penthouse

General Notes:

1. Results over 0.5% (5,000 mg/kg) are considered lead based.

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	Material Specific Notes
V9000	Batteries In Emer. Lights	Yes	1 EA	Mechanical Room
V9500	Batteries In Emer. Lights	Yes	4 EA	

General Notes:

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

Items identified as Sample Number V9000 were observed to be present and were determined to contain lead based on visual observation.

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

3.3 Silica

Crystalline silica is a presumed component of the following materials:

- Concrete
- Masonry and mortar
- Stone
- Asphalt

3.4 Mercury

3.4.1 Lamps

Mercury vapour is present in fluorescent lamp tubes.

3.4.2 Mercury-Containing Devices

Mercury-containing devices were not found during the assessment.

3.5 Polychlorinated Biphenyls

3.5.1 Caulking and Sealants

PCBs were banned in 1980; however, are found to be present in caulking and sealants until 1985. Caulking in the roof area was installed in 1992 and is not suspected to contain PCBs.

3.5.2 Lighting Ballasts

Based on information from the Client and confirmed by visual observations (e.g., evidence of T-5 or T-8 fixtures with electronic ballasts) the fixtures will not contain PCB ballasts.

3.6 Mould and Water Damage

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

4.0 METHODOLOGY

Pinchin conducted an assessment to identify the hazardous building materials as defined in the scope.

Demolition of exterior building finishes, masonry walls (chases, shafts etc.), and structural surrounds was not conducted. The assessment included lifting ceiling tiles and using access hatches to view concealed conditions above ceilings as permitted by the current building use. Destructive testing of wall and ceiling finishes was not conducted.

Sampling of roofing materials and repairs were conducted by a qualified roofer.

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.
11. Consolidated Transportation of Dangerous Goods Regulations, including Amendment SOR/2019-101, Transportation of Dangerous Goods Act.
12. Mould Guidelines for the Canadian Construction Industry, Standard Construction Document CCA 82 – 2004 (Revised 2018), Canadian Construction Association.

6.0 LIMITATIONS

This work was performed subject to the Terms and Limitations presented or referenced in the Master Service Agreement for PUR19-006-RFP.

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 contained within this report was current at the time of this report issue, and is provided as a summary; however, HMIS should be accessed for the most current data.

Contact the Project Manager, Cal Cathcart at 705.772.7933 or ccathcart@pinchin.com should you have any questions.

Sincerely,

Pinchin Ltd.

Prepared by:

Caitlin Snarr
Project Technologist

Project Managed by:

Cal Cathcart, B.A.Sc., CIH
Senior Project Manager

Reviewed by:

David Newton, BES Hons., EP
Senior Project Manager

Encl:	APPENDIX I	Drawings
	APPENDIX II-A	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

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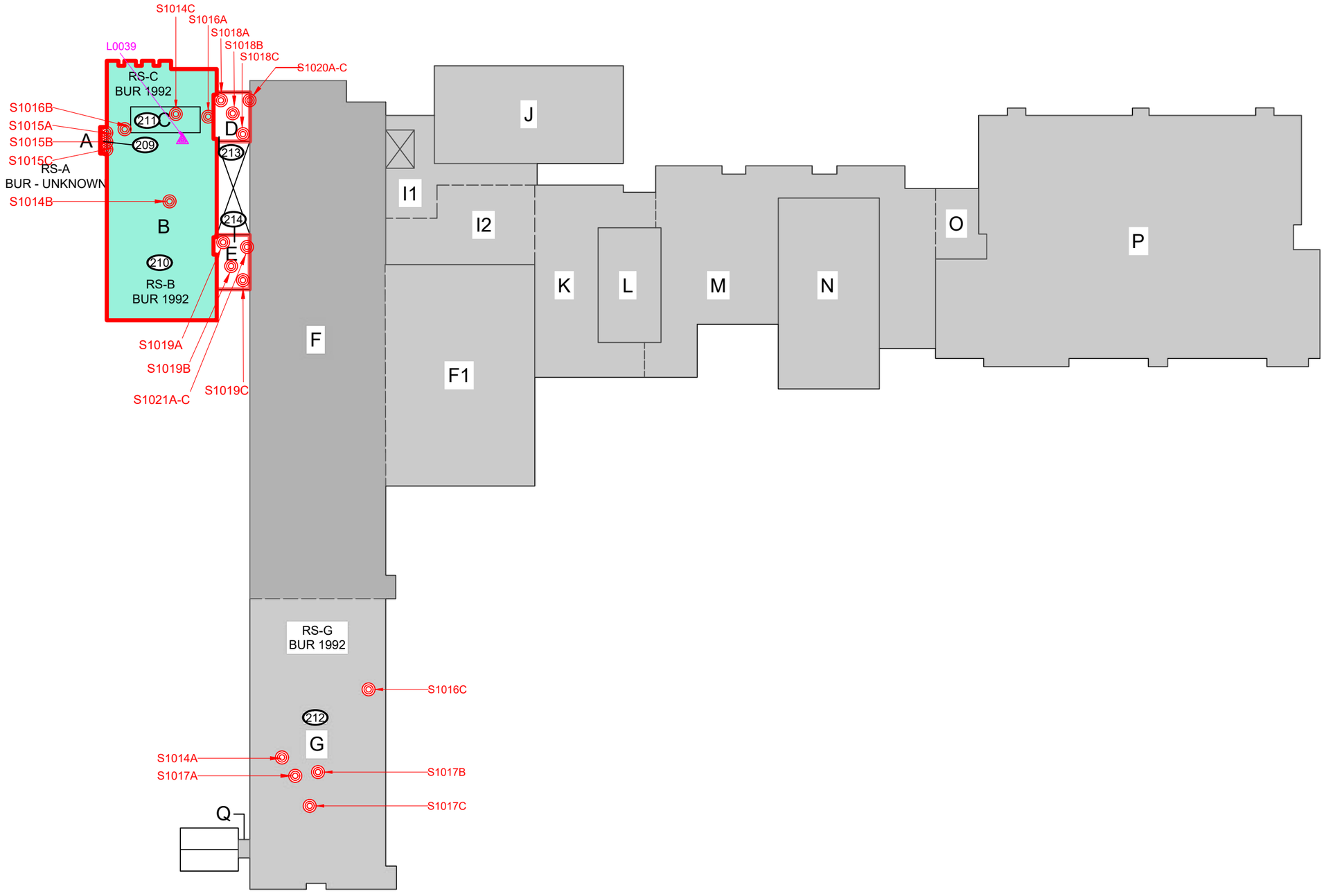
Template: Master Template HBMA PreConstruction, HMIS, HAZ, April 18, 2023

APPENDIX I
Drawings



N

LEGEND

- (X) PINCHIN LOCATION NUMBER
- ASBESTOS BULK SAMPLE
- LEAD BULK SAMPLE
- ASSESSED AREA
- OUTSIDE ASSESSMENT SCOPE

ASBESTOS-CONTAINING MATERIALS:

- TAR LAYER IN BUILT-UP ROOFING MATERIALS
- DRYWALL JOINT COMPOUND
- PRIMER ON BLOCK WALL

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.

BASE PLAN PROVIDED BY CLIENT.

PINCHIN

PROJECT NAME:
HAZARDOUS BUILDING MATERIALS ASSESSMENT

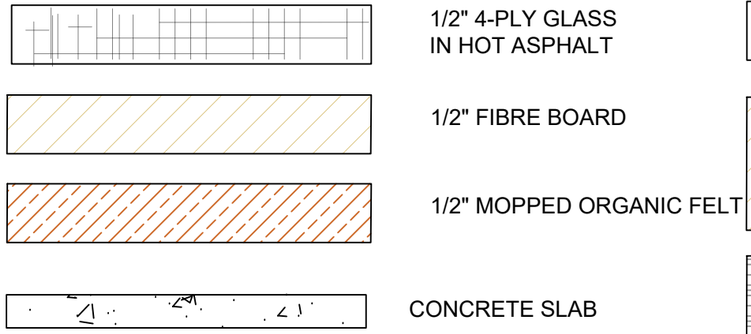
CLIENT NAME:
KAWARTHA PINE RIDGE DISTRICT SCHOOL BOARD

PROJECT LOCATION:
COURTICE SECONDARY SCHOOL
1717 NASH ROAD,
COURTICE, ONTARIO

FIGURE NAME:
ROOF

PROJECT NUMBER:	SCALE:
348218.007	NOT TO SCALE
DRAWN BY:	REVIEWED BY:
JM	CC
DATE:	FIGURE NUMBER:
DECEMBER 2024	1 OF 3

ROOF-A



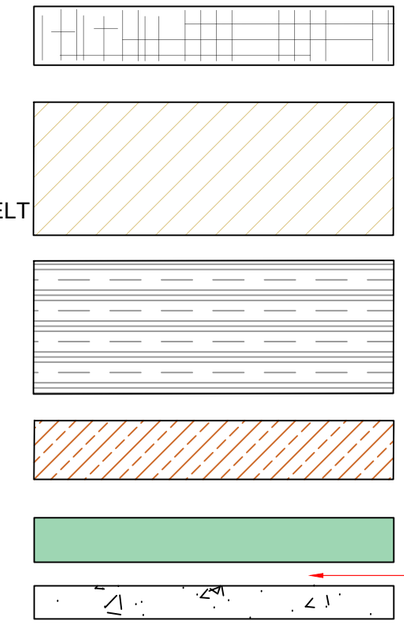
1/2" 4-PLY GLASS IN HOT ASPHALT

1/2" FIBRE BOARD

1/2" MOPPED ORGANIC FELT

CONCRETE SLAB

ROOF-B AND ROOF-C



1/2" 4-PLY GLASS IN HOT ASPHALT

2" FIBRE BOARD

2" FIBRE GLASS

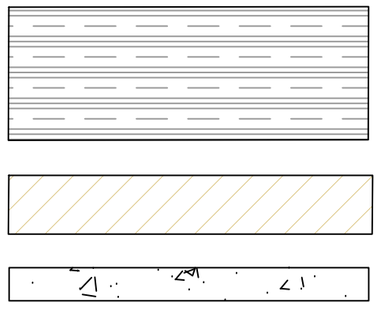
1/2" MOPPED ORGANIC FELT

1/2" GYPSUM (TREAT AS ASBESTOS CONTAINING WASTE)

ASBESTOS-CONTAINING TAR

CONCRETE SLAB

ROOF-D

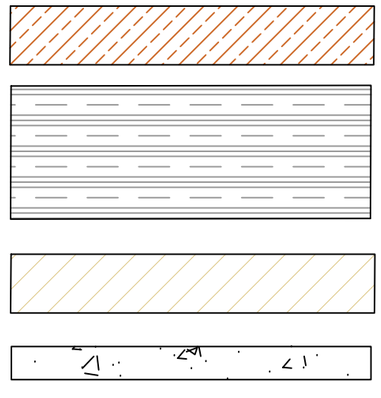


2.5" POLY ISO

1/2" FIBRE BOARD

CONCRETE SLAB

ROOF-E



4 PLY FELT

2.5" POLY ISO

1/2" FIBRE BOARD

CONCRETE SLAB

LEGEND

PINCHIN

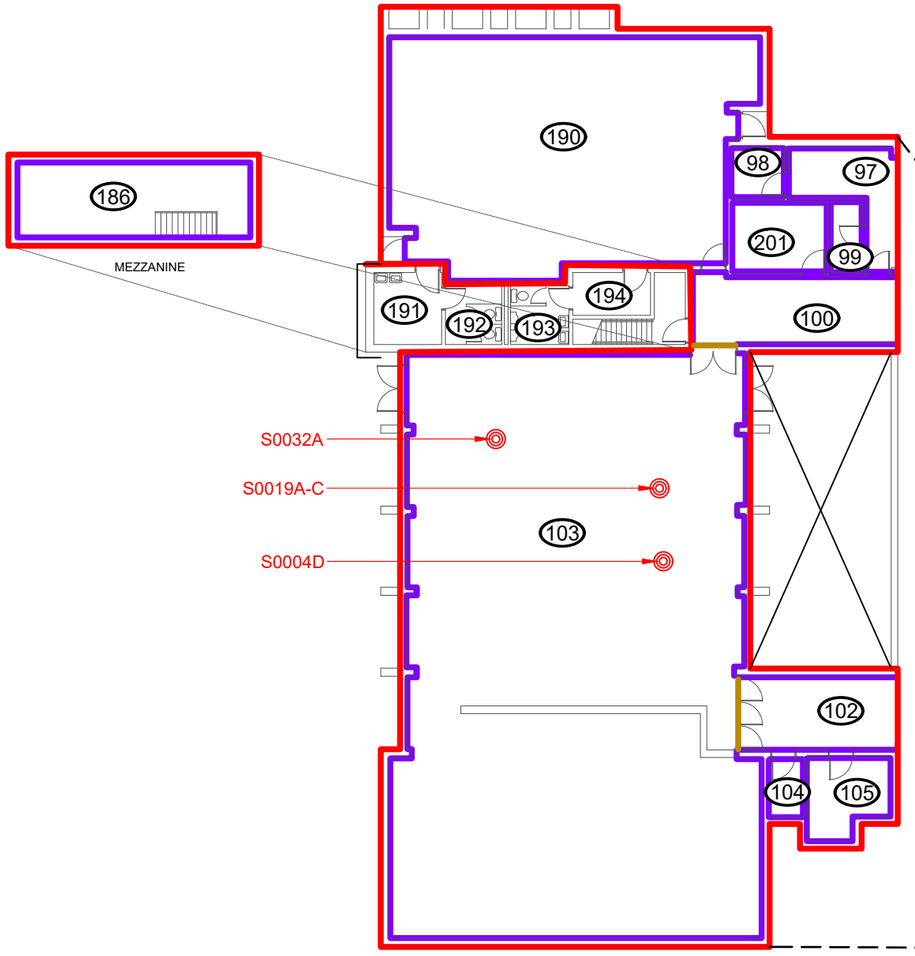
PROJECT NAME:
HAZARDOUS BUILDING MATERIALS ASSESSMENT

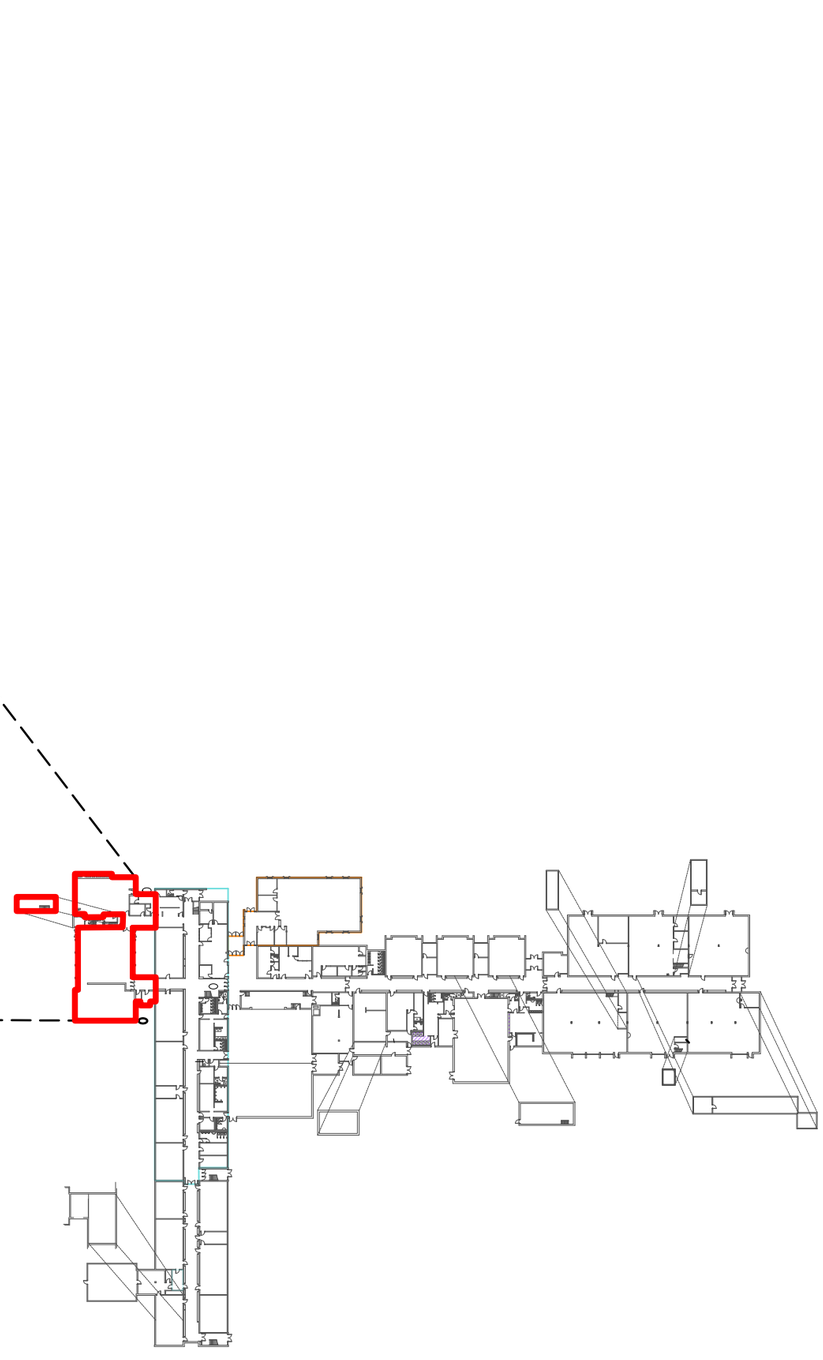
CLIENT NAME:
KAWARTHA PINE RIDGE DISTRICT SCHOOL BOARD

PROJECT LOCATION:
COURTICE SECONDARY SCHOOL
1717 NASH ROAD,
COURTICE, ONTARIO

FIGURE NAME:
ROOF SECTIONS

PROJECT NUMBER:	SCALE:
348218.007	NOT TO SCALE
DRAWN BY: JM	REVIEWED BY: CC
DATE: DECEMBER 2024	FIGURE NUMBER: 2 of 3





N

LEGEND

- PINCHIN LOCATION NUMBER
- ASBESTOS BULK SAMPLE
- LEAD BULK SAMPLE
- ASSESSED AREA
- OUTSIDE ASSESSMENT SCOPE

ASBESTOS-CONTAINING MATERIALS:

- TAR LAYER IN BUILT-UP ROOFING MATERIALS
- DRYWALL JOINT COMPOUND
- PRIMER ON BLOCK WALL

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.

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BASE PLAN PROVIDED BY CLIENT.

PINCHIN

PROJECT NAME:
HAZARDOUS BUILDING MATERIALS ASSESSMENT

CLIENT NAME:
KAWARTHA PINE RIDGE DISTRICT SCHOOL BOARD

PROJECT LOCATION:
COURTICE SECONDARY SCHOOL
1717 NASH ROAD,
COURTICE, ONTARIO

FIGURE NAME:
GROUND FLOOR INTERIOR

PROJECT NUMBER:	SCALE:
348218.007	NOT TO SCALE
DRAWN BY:	REVIEWED BY:
JM	CC
DATE:	FIGURE NUMBER:
DECEMBER 2024	3 OF 3

APPENDIX II-A
Analytical Certificates

Pinchin Ltd. Asbestos Laboratory
Certificate of Analysis

Project No.:	**0332605.010**		
Prepared For:	**W. Asiedu / R. Northey**		
Lab Reference No.:	**b301403**		
Analyst(s):	**C. Luong**		
Date Received:	**October 3, 2023**	**Samples Submitted:**	**3**
Date Analyzed:	**October 6, 2023**	**Phases Analyzed:**	**26**

The Pinchin Ltd. Mississauga asbestos laboratory is accredited by the National Institute of Standards and Technology, National Voluntary Laboratory Accreditation Program (NVLAP Lab Code 101270-0) for the 'EPA – 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples,' and the 'EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials'; and meets all requirements of ISO/IEC 17025:2017. The Pinchin asbestos laboratory uses the aforementioned methods of analysis.

Bulk samples are checked visually and scanned under a stereomicroscope. Slides are prepared and observed under a Polarized Light Microscope (PLM) at magnifications of 40X, 100X or 400X as appropriate. Asbestos fibres are identified by a combination of morphology, colour, refractive index, extinction, sign of elongation, birefringence and dispersion staining colours. A visual estimate is made of the percentage of asbestos present. A reported concentration of less than (<) the regulatory threshold indicates the presence of confirmed asbestos in trace quantities, limited to only a few fibres or fibre bundles in an entire sample. This method complies with provincial regulatory requirements where applicable. Multiple phases within a sample are analyzed and reported separately.

All bulk samples submitted to this laboratory for asbestos analysis are retained for a minimum of three months. Samples may be retrieved, upon request, for re-examination at any time during that period.

This report relates only to the items tested.

Pinchin Ltd. Asbestos Laboratory
Certificate of Analysis

Project No.: **0332605.010**
Prepared For: **W. Asiedu / R. Northey**

Lab Reference No.: **b301403**
Date Analyzed: **October 6, 2023**

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S1014A Roofing Material, Roof Materials, Loc:212, Roof G	10 Phases:		
	a) Homogeneous, black, layered, tar material.	None Detected	Tar and other non-fibrous > 75%
	b) Homogeneous, black, layered, tar-impregnated, compressed, fibrous material.	None Detected	Cellulose 50-75% Tar and other non-fibrous 25-50%
	c) Homogeneous, black, tar material.	None Detected	Tar and other non-fibrous > 75%
	d) Homogeneous, brown, tar paper.	None Detected	Cellulose > 75% Man-Made Vitreous Fibres 0.5-5% Tar and other non-fibrous 10-25%
	e) Non-homogeneous, black, tar material with fibres.	None Detected	Man-Made Vitreous Fibres 10-25% Tar and other non-fibrous > 75%
	f) Homogeneous, black, tar material between cellulose.	None Detected	Tar and other non-fibrous > 75%
	g) Homogeneous, black, layered, tar-impregnated, compressed, fibrous material.	None Detected	Cellulose 50-75% Tar and other non-fibrous 25-50%
	h) Homogeneous, black, tar material.	None Detected	Tar and other non-fibrous > 75%
	i) Homogeneous, black, layered, tar material with fibres.	None Detected	Man-Made Vitreous Fibres 25-50% Tar and other non-fibrous 50-75%
	j) Homogeneous, black, shiny, textured, tar material.	None Detected	Tar and other non-fibrous > 75%
Comments:	This sample is large in size. A representative portion was taken and analyzed. Drywall, man-made vitreous fibres and cellulose are present on the surface of this sample.		

Pinchin Ltd. Asbestos Laboratory
Certificate of Analysis

Project No.: **0332605.010**
Prepared For: **W. Asiedu / R. Northey**

Lab Reference No.: **b301403**
Date Analyzed: **October 6, 2023**

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S1014B Roofing Material, Roof Materials, Loc:210, Roof B	8 Phases:		
	a) Homogeneous, black, tar material under drywall.	Chrysotile 0.5-5%	Tar and other non-fibrous > 75%
	b) Homogeneous, black, layered, tar material.	None Detected	Tar and other non-fibrous > 75%
	c) Homogeneous, black, layered, tar-impregnated, compressed, fibrous material.	None Detected	Cellulose 50-75% Tar and other non-fibrous 25-50%
	d) Homogeneous, black, layered, tar material on tar paper.	None Detected	Tar and other non-fibrous > 75%
	e) Homogeneous, brown, tar paper.	None Detected	Cellulose > 75% Man-Made Vitreous Fibres 0.5-5% Tar and other non-fibrous 10-25%
	f) Homogeneous, black, tar material.	None Detected	Tar and other non-fibrous > 75%
	g) Homogeneous, black, layered, tar material with fibres.	None Detected	Man-Made Vitreous Fibres 25-50% Tar and other non-fibrous 50-75%
	h) Homogeneous, black, shiny, textured, tar material.	None Detected	Tar and other non-fibrous > 75%
Comments:	This sample is large in size. A representative portion was taken and analyzed. Drywall, man-made vitreous fibres and cellulose are present on the surface of this sample.		

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SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S1014C Roofing Material, Roof Materials, Loc:211, Roof C	9 Phases: a) Homogeneous, black, tar material.		Not Analyzed
	b) Homogeneous, black, layered, tar material.	None Detected	Tar and other non-fibrous > 75%
	c) Homogeneous, black, layered, tar-impregnated, compressed, fibrous material.	None Detected	Cellulose 50-75% Tar and other non-fibrous 25-50%
	d) Homogeneous, black, layered, tar material on tar paper.	None Detected	Tar and other non-fibrous > 75%
	e) Homogeneous, brown, tar paper.	None Detected	Cellulose > 75% Man-Made Vitreous Fibres 0.5-5% Tar and other non-fibrous 10-25%
	f) Homogeneous, black, tar material between cellulose.	None Detected	Tar and other non-fibrous > 75%
	g) Homogeneous, black, layered, tar material.	None Detected	Tar and other non-fibrous > 75%
	h) Homogeneous, black, layered, tar material with fibres.	None Detected	Man-Made Vitreous Fibres 25-50% Tar and other non-fibrous 50-75%
	i) Homogeneous, black, shiny, textured, tar material.	None Detected	Tar and other non-fibrous > 75%
Comments:	Analysis of phase a) was stopped due to a previous positive result. This sample is large in size. A representative portion was taken and analyzed. Drywall, man-made vitreous fibres and cellulose are present on the surface of this sample.		

Reviewed by:

Digitally signed by Elizabeth DeCurtis
Date: 2023.10.11 13:41:01-04'00'

Reporting Analyst:

Digitally signed by Elizabeth DeCurtis
Date: 2023.10.11 13:40:46-04'00'

Analysed by: C.K
Reviewed by: KB
Report Sent by: LD

Pinchin Ltd. - Asbestos Laboratory
Internal Asbestos Bulk Sample Chain of Custody

26

Client Name:				**Project Address:**	ON		
Portfolio/Building No:				**Pinchin File:**	332605.01		
Submitted by:	Willis Asiedu			**Email:**	wasiedu@pinchin.com		
CC Results to:	Rachel Northey			**CC Email:**	rnorthey@pinchin.com		
Date Submitted:	October	02	2023	**Required by:**	October	10	2023
# of Samples:	~~12~~ 3 Split 1/3			**Priority:**	5 Day Turnaround		
Year of Building Construction (*Mandatory, Years ONLY*):	1992						
Do NOT Stop on Positive (Sample Numbers):							
Pinchin Group Company (*Mandatory Field*):	Pinchin						
HMIS2 Building Reference #:	125558/202383044453065						
To be Completed by Lab Personnel Only:							
Lab Reference #:	b301403			**Time:**	24 hour clock		
Received by:	OCT 03 2023			**Date:**	Month	Day	Year
Name(s) of Analyst(s):	C.K				Oct	06	2023

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	1014	A	Roofing Material,Roof Materials,Loc:212,Roof G a) ND b) ND c) ND d) ND e) ND f) ND g) ND h) ND i) ND j) ND
S	1014	B	Roofing Material,Roof Materials,Loc:210,Roof B a) CH0.5-5% b) ND c) ND d) ND e) ND f) ND g) ND h) ND
S	1014	C	Roofing Material,Roof Materials,Loc:211,Roof C a) -NA- b) ND c) ND d) ND e) ND f) ND g) ND h) ND i) ND
S	1015	A	Roofing Material,Roof Materials,Loc:209,Roof A
S	1015	B	Roofing Material,Roof Materials,Loc:209,Roof A
S	1015	C	Roofing Material,Roof Materials,Loc:209,Roof A
S	1015	C	Tar,Black Tar On Vent,Loc:212,Roof G

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	1016	A	Tar,Black Tar On Vent,Loc:210,Roof B
S	1016	B	Tar,Black Tar On Vent,Loc:210,Roof B
S	1017	A	Tar,Grey Tar On Vents,Loc:212,Roof G
S	1017	B	Tar,Grey Tar On Vents,Loc:212,Roof G
S	1017	C	Tar,Grey Tar On Vents,Loc:212,Roof G

Pinchin Ltd. Asbestos Laboratory
Certificate of Analysis

Project No.:	**0332605.010**		
Prepared For:	**W. Asiedu / R. Northey**		
Lab Reference No.:	**b301404**		
Analyst(s):	**J. Dacquel**		
Date Received:	**October 3, 2023**	**Samples Submitted:**	**3**
Date Analyzed:	**October 5, 2023**	**Phases Analyzed:**	**18**

The Pinchin Ltd. Mississauga asbestos laboratory is accredited by the National Institute of Standards and Technology, National Voluntary Laboratory Accreditation Program (NVLAP Lab Code 101270-0) for the 'EPA – 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples,' and the 'EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials'; and meets all requirements of ISO/IEC 17025:2017. The Pinchin asbestos laboratory uses the aforementioned methods of analysis.

Bulk samples are checked visually and scanned under a stereomicroscope. Slides are prepared and observed under a Polarized Light Microscope (PLM) at magnifications of 40X, 100X or 400X as appropriate. Asbestos fibres are identified by a combination of morphology, colour, refractive index, extinction, sign of elongation, birefringence and dispersion staining colours. A visual estimate is made of the percentage of asbestos present. A reported concentration of less than (<) the regulatory threshold indicates the presence of confirmed asbestos in trace quantities, limited to only a few fibres or fibre bundles in an entire sample. This method complies with provincial regulatory requirements where applicable. Multiple phases within a sample are analyzed and reported separately.

All bulk samples submitted to this laboratory for asbestos analysis are retained for a minimum of three months. Samples may be retrieved, upon request, for re-examination at any time during that period.

This report relates only to the items tested.

Pinchin Ltd. Asbestos Laboratory
Certificate of Analysis

Project No.: **0332605.010**
Prepared For: **W. Asiedu / R. Northey**

Lab Reference No.: **b301404**
Date Analyzed: **October 5, 2023**

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S1015A Roofing Material, Roof Materials, Loc:209, Roof A	6 Phases: a) Homogeneous, black, layered, tar material (bottom layer).	None Detected	Tar and other non-fibrous > 75%
	b) Homogeneous, black, layered, tar-impregnated, compressed, fibrous material (bottom layer).	None Detected	Cellulose 50-75% Tar and other non-fibrous 25-50%
	c) Homogeneous, black, tar-impregnated, compressed, fibrous material (top layer).	None Detected	Cellulose 50-75% Tar and other non-fibrous 25-50%
	d) Homogeneous, black, layered, tar material (top layer).	None Detected	Tar and other non-fibrous > 75%
	e) Homogeneous, black, layered, tar-impregnated, compressed, fibrous material (top layer).	None Detected	Man-Made Vitreous Fibres 25-50% Tar and other non-fibrous 50-75%
	f) Homogeneous, black, tar material with stones.	None Detected	Tar and other non-fibrous > 75%
Comments:	Cellulose is present on the surface of this sample.		

Pinchin Ltd. Asbestos Laboratory
Certificate of Analysis

Project No.: **0332605.010**
Prepared For: **W. Asiedu / R. Northey**

Lab Reference No.: **b301404**
Date Analyzed: **October 5, 2023**

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S1015B Roofing Material, Roof Materials, Loc:209, Roof A	6 Phases: a) Homogeneous, black, layered, tar material (bottom layer).	None Detected	Tar and other non-fibrous > 75%
	b) Homogeneous, black, layered, tar-impregnated, compressed, fibrous material (bottom layer).	None Detected	Cellulose 50-75% Tar and other non-fibrous 25-50%
	c) Homogeneous, black, tar-impregnated, compressed, fibrous material (top layer).	None Detected	Cellulose 50-75% Tar and other non-fibrous 25-50%
	d) Homogeneous, black, layered, tar material (top layer).	None Detected	Tar and other non-fibrous > 75%
	e) Homogeneous, black, layered, tar-impregnated, compressed, fibrous material (top layer).	None Detected	Man-Made Vitreous Fibres 25-50% Tar and other non-fibrous 50-75%
	f) Homogeneous, black, tar material with stones.	None Detected	Tar and other non-fibrous > 75%
Comments:	Cellulose is present on the surface of this sample.		

Pinchin Ltd. Asbestos Laboratory
Certificate of Analysis

Project No.: **0332605.010**
Prepared For: **W. Asiedu / R. Northey**

Lab Reference No.: **b301404**
Date Analyzed: **October 5, 2023**

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S1015C Roofing Material, Roof Materials, Loc:209, Roof A	6 Phases: a) Homogeneous, black, layered, tar material (bottom layer).	None Detected	Tar and other non-fibrous > 75%
	b) Homogeneous, black, layered, tar-impregnated, compressed, fibrous material (bottom layer).	None Detected	Cellulose 50-75% Tar and other non-fibrous 25-50%
	c) Homogeneous, black, tar-impregnated, compressed, fibrous material (top layer).	None Detected	Cellulose 50-75% Tar and other non-fibrous 25-50%
	d) Homogeneous, black, layered, tar material (top layer).	None Detected	Tar and other non-fibrous > 75%
	e) Homogeneous, black, layered, tar-impregnated, compressed, fibrous material (top layer).	None Detected	Man-Made Vitreous Fibres 25-50% Tar and other non-fibrous 50-75%
	f) Homogeneous, black, tar material with stones.	None Detected	Tar and other non-fibrous > 75%
Comments:	Cellulose is present on the surface of this sample.		

Reviewed by:

Digitally signed by Elizabeth DeCurtis
Date: 2023.10.11 13:43:52-04'00'

Reporting Analyst:

Digitally signed by Elizabeth DeCurtis
Date: 2023.10.11 13:43:37-04'00'

Analyzed by: JW
Reviewed by: KB
Report Sent by: ZD

(18)

Pinchin Ltd. - Asbestos Laboratory
Internal Asbestos Bulk Sample Chain of Custody

Client Name:		**Project Address:**	ON
Portfolio/Building No:		**Pinchin File:**	332605.01
Submitted by:	Willis Asiedu	**Email:**	wasiedu@pinchin.com
CC Results to:	Rachel Northey	**CC Email:**	rnorthey@pinchin.com
Date Submitted:	October 02 2023	**Required by:**	October 10 2023
# of Samples:	12 3 Split 2/3	**Priority:**	5 Day Turnaround
Year of Building Construction (*Mandatory, Years ONLY*):	1992		
Do NOT Stop on Positive (Sample Numbers):			
Pinchin Group Company (*Mandatory Field*):		Pinchin	
HMIS2 Building Reference #:	125558/202383044453065		
To be Completed by Lab Personnel Only:			
Lab Reference #:	6301404 CA	**Time:**	24 hour clock
Received by:	OCT 0 3 2023	**Date:**	Month Day Year
Name(s) of Analyst(s):	JW Dagger		OCT 5, 2023

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	1014	A	Roofing Material,Roof Materials,Loc:212,~~Roof G~~
S	1014	B	Roofing Material,Roof Materials,Loc:210,Roof B
S	1014	C	Roofing Material,Roof Materials,Loc:211,Roof C
S	1015	A	Roofing Material,Roof Materials,Loc:209,Roof A a.)ND b.)ND c.)ND d.)ND e.)ND f.)ND
S	1015	B	Roofing Material,Roof Materials,Loc:209,Roof A a.)ND b.)ND c.)ND d.)ND e.)ND f.)ND
S	1015	C	Roofing Material,Roof Materials,Loc:209,Roof A a.)ND b.)ND c.)ND d.)ND e.)ND f.)ND
S	1015	C	Tar,Black Tar On Vent,Loc:212,Roof G

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	1016	A	Tar,Black Tar On Vent,Loc:210,Roof B
S	1016	B	Tar,Black Tar On Vent,Loc:210,Roof B
S	1017	A	Tar,Grey Tar On Vents,Loc:212,Roof G
S	1017	B	Tar,Grey Tar On Vents,Loc:212,Roof G
S	1017	C	Tar,Grey Tar On Vents,Loc:212,Roof G

Pinchin Ltd. Asbestos Laboratory
Certificate of Analysis

Project No.:	**0332605.010**		
Prepared For:	**W. Asiedu / R. Northey**		
Lab Reference No.:	**b301405**		
Analyst(s):	**J. Dacquel**		
Date Received:	**October 3, 2023**	**Samples Submitted:**	**6**
Date Analyzed:	**October 5, 2023**	**Phases Analyzed:**	**6**

The Pinchin Ltd. Mississauga asbestos laboratory is accredited by the National Institute of Standards and Technology, National Voluntary Laboratory Accreditation Program (NVLAP Lab Code 101270-0) for the 'EPA – 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples,' and the 'EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials'; and meets all requirements of ISO/IEC 17025:2017. The Pinchin asbestos laboratory uses the aforementioned methods of analysis.

Bulk samples are checked visually and scanned under a stereomicroscope. Slides are prepared and observed under a Polarized Light Microscope (PLM) at magnifications of 40X, 100X or 400X as appropriate. Asbestos fibres are identified by a combination of morphology, colour, refractive index, extinction, sign of elongation, birefringence and dispersion staining colours. A visual estimate is made of the percentage of asbestos present. A reported concentration of less than (<) the regulatory threshold indicates the presence of confirmed asbestos in trace quantities, limited to only a few fibres or fibre bundles in an entire sample. This method complies with provincial regulatory requirements where applicable. Multiple phases within a sample are analyzed and reported separately.

All bulk samples submitted to this laboratory for asbestos analysis are retained for a minimum of three months. Samples may be retrieved, upon request, for re-examination at any time during that period.

This report relates only to the items tested.

Pinchin Ltd. Asbestos Laboratory
Certificate of Analysis

Project No.: **0332605.010**
Prepared For: **W. Asiedu / R. Northey**

Lab Reference No.: **b301405**
Date Analyzed: **October 5, 2023**

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S1016A Tar, Black Tar On Vent, Loc:210, Roof B	Homogeneous, black, tar material.	None Detected	Tar and other non-fibrous > 75%
S1016B Tar, Black Tar On Vent, Loc:210, Roof B	Homogeneous, black, tar material.	None Detected	Tar and other non-fibrous > 75%
S1016C Tar, Black Tar On Vent, Loc:212, Roof G	Homogeneous, black, tar material.	None Detected	Tar and other non-fibrous > 75%
S1017A Tar, Grey Tar On Vents, Loc:212, Roof G	Homogeneous, black, tar material with fibres.	None Detected	Cellulose 25-50% Tar and other non-fibrous 50-75%
S1017B Tar, Grey Tar On Vents, Loc:212, Roof G	Homogeneous, black, tar material with fibres.	None Detected	Cellulose 25-50% Tar and other non-fibrous 50-75%
S1017C Tar, Grey Tar On Vents, Loc:212, Roof G	Homogeneous, black, tar material with fibres.	None Detected	Cellulose 25-50% Tar and other non-fibrous 50-75%

Reviewed by:

Digitally signed by Elizabeth DeCurtis
Date: 2023.10.11 13:42:11-04'00'

Reporting Analyst:

Digitally signed by Elizabeth DeCurtis
Date: 2023.10.11 13:42:24-04'00'

Analysed by: [handwritten initials]
Reviewed by: [handwritten initials]

(6)

Pinchin Ltd. - Asbestos Laboratory
Internal Asbestos Bulk Sample Chain of Custody

Client Name:			**Project Address:**	ON	
Portfolio/Building No:			**Pinchin File:**	332605.01	
Submitted by:	Willis Asiedu		**Email:**	wasiedu@pinchin.com	
CC Results to:	Rachel Northey		**CC Email:**	rnorthey@pinchin.com	
Date Submitted:	October 02 2023		**Required by:**	October 10 2023	
# of Samples:	~~12~~ 6 Split 3/3		**Priority:**	5 Day Turnaround	
Year of Building Construction (*Mandatory, Years ONLY*):			1992		
Do NOT Stop on Positive (Sample Numbers):					
Pinchin Group Company (*Mandatory Field*):			Pinchin		
HMIS2 Building Reference #:			125556/202383044453065		
To be Completed by Lab Personnel Only:	b301405 C4.				
Lab Reference #:			**Time:**	24 hour clock	
Received by:	OCT 0 3 2023		**Date:**	Month Day Year	
Name(s) of Analyst(s):	[signature]			OCT. 5, 2023	

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
~~S~~	~~1014~~	~~A~~	~~Roofing Material,Roof Materials,Loc:212,Roof G~~
~~S~~	~~1014~~	~~B~~	~~Roofing Material,Roof Materials,Loc:210,Roof B~~
~~S~~	~~1014~~	~~C~~	~~Roofing Material,Roof Materials,Loc:211,Roof C~~
~~S~~	~~1015~~	~~A~~	~~Roofing Material,Roof Materials,Loc:209,Roof A~~
~~S~~	~~1015~~	~~B~~	~~Roofing Material,Roof Materials,Loc:209,Roof A~~
~~S~~	~~1015~~	~~C~~	~~Roofing Material,Roof Materials,Loc:209,Roof A~~
S	1016	C	Tar,Black Tar On Vent,Loc:212,Roof G ND

duplicate sample #. emailed Willis 10-3-2023
revised COC rec'd for upload

(1) BACK

6 30140S

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)	
S	1016	A	Tar,Black Tar On Vent,Loc:210,Roof B	ND
S	1016	B	Tar,Black Tar On Vent,Loc:210,Roof B	ND
S	1017	A	Tar,Grey Tar On Vents,Loc:212,Roof G	ND
S	1017	B	Tar,Grey Tar On Vents,Loc:212,Roof G	ND
S	1017	C	Tar,Grey Tar On Vents,Loc:212,Roof G	ND

(5)

Pinchin Ltd. Asbestos Laboratory
Certificate of Analysis

Project No.:	**0348218.007**		
Prepared For:	**C. Snarr**		
Lab Reference No.:	**b327583**		
Analyst(s):	**A. Williams**		
Date Received:	**November 14, 2024**	**Samples Submitted:**	**3**
Date Analyzed:	**November 22, 2024**	**Phases Analyzed:**	**21**

The Pinchin Ltd. Mississauga asbestos laboratory is accredited by the National Institute of Standards and Technology, National Voluntary Laboratory Accreditation Program (NVLAP Lab Code 101270-0) for the 'EPA – 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples,' and the 'EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials'; and meets all requirements of ISO/IEC 17025:2017. The Pinchin asbestos laboratory uses the aforementioned methods of analysis for all bulk materials. Please be advised that bulk materials do not include debris, dust, and tape-lift samples, and the analysis and reporting of these materials does not conform with Pinchin Ltd.'s NVLAP accreditation.

Bulk samples are checked visually and scanned under a stereomicroscope. Slides are prepared and observed under a Polarized Light Microscope (PLM) at magnifications of 40X, 100X or 400X as appropriate. Asbestos fibres are identified by a combination of morphology, colour, refractive index, extinction, sign of elongation, birefringence and dispersion staining colours. A visual estimate is made of the percentage of asbestos present. A reported concentration of less than (<) the regulatory threshold indicates the presence of confirmed asbestos in trace quantities, limited to only a few fibres or fibre bundles in an entire sample. This method complies with provincial regulatory requirements where applicable. Multiple phases within a sample are analyzed and reported separately.

All bulk samples submitted to this laboratory for asbestos analysis are retained for a minimum of three months. Samples may be retrieved, upon request, for re-examination at any time during that period.

This report relates only to the items tested.

Pinchin Ltd. Asbestos Laboratory
Certificate of Analysis

Project No.: **0348218.007**
Prepared For: **C. Snarr**

Lab Reference No.: **b327583**
Date Analyzed: **November 22, 2024**

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S1018A Roofing Material,Built Up Roofing,Loc:213,Roof D	7 Phases: a) Homogeneous, black, layered, tar material.	None Detected	Tar and other Non-Fibrous Material > 75%
	b) Homogeneous, black, tar-impregnated, compressed, fibrous material.	None Detected	Cellulose 50-75% Tar and other Non-Fibrous Material 25-50%
	c) Homogeneous, black, stretchy, tar material.	None Detected	Tar and other Non-Fibrous Material > 75%
	d) Homogeneous, white, consolidated material.	None Detected	Non-Fibrous Material > 75%
	e) Homogeneous, beige, layered paper.	None Detected	Cellulose > 75% Man-Made Vitreous Fibres 0.5-5% Non-Fibrous Material 0.5-5%
	f) Homogeneous, white, compressed, fibrous material.	None Detected	Synthetic Fibres > 75% Non-Fibrous Material 5-10%
	g) Non-homogeneous, grey and white, rubbery material.	None Detected	Non-Fibrous Material > 75%
Comments:	Foam is present on the surface of this sample.		

Pinchin Ltd. Asbestos Laboratory
Certificate of Analysis

Project No.: **0348218.007**
Prepared For: **C. Snarr**

Lab Reference No.: **b327583**
Date Analyzed: **November 22, 2024**

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S1018B Roofing Material,Built Up Roofing,Loc:213,Roof D	7 Phases: a) Homogeneous, black, layered, tar material.	None Detected	Tar and other Non-Fibrous Material > 75%
	b) Homogeneous, black, tar-impregnated, compressed, fibrous material.	None Detected	Cellulose 50-75% Tar and other Non-Fibrous Material 25-50%
	c) Homogeneous, black, stretchy, tar material.	None Detected	Tar and other Non-Fibrous Material > 75%
	d) Homogeneous, white, consolidated material.	None Detected	Non-Fibrous Material > 75%
	e) Homogeneous, beige, layered paper.	None Detected	Cellulose > 75% Man-Made Vitreous Fibres 0.5-5% Non-Fibrous Material 0.5-5%
	f) Homogeneous, white, compressed, fibrous material.	None Detected	Synthetic Fibres > 75% Non-Fibrous Material 5-10%
	g) Non-homogeneous, grey and white, rubbery material.	None Detected	Non-Fibrous Material > 75%
Comments:	Foam is present on the surface of this sample.		

Pinchin Ltd. Asbestos Laboratory
Certificate of Analysis

Project No.: **0348218.007**
Prepared For: **C. Snarr**

Lab Reference No.: **b327583**
Date Analyzed: **November 22, 2024**

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S1018C Roofing Material,Built Up Roofing,Loc:213,Roof D	7 Phases: a) Homogeneous, black, layered, tar material.	None Detected	Tar and other Non-Fibrous Material > 75%
	b) Homogeneous, black, tar-impregnated, compressed, fibrous material.	None Detected	Cellulose 50-75% Tar and other Non-Fibrous Material 25-50%
	c) Homogeneous, black, stretchy, tar material.	None Detected	Tar and other Non-Fibrous Material > 75%
	d) Homogeneous, white, consolidated material.	None Detected	Non-Fibrous Material > 75%
	e) Homogeneous, beige, layered paper.	None Detected	Cellulose > 75% Man-Made Vitreous Fibres 0.5-5% Non-Fibrous Material 0.5-5%
	f) Homogeneous, white, compressed, fibrous material.	None Detected	Synthetic Fibres > 75% Non-Fibrous Material 5-10%
	g) Non-homogeneous, grey and white, rubbery material.	None Detected	Non-Fibrous Material > 75%
Comments:	Foam is present on the surface of this sample.		

Reviewed by:

Digitally signed by Pinchin Ltd.
Date: 2024.11.22 14:38:44-05'00'

Reporting Analyst:

Digitally signed by Pinchin Ltd.
Date: 2024.11.22 14:38:54-05'00'

b327583

Analyzed by: AZW
Reviewed by: KB
Report Sent by: KB

Pinchin Ltd. - Asbestos Laboratory
Internal Asbestos Bulk Sample Chain of Custody

Special Instructions:

Client Name:				**Project Address:**	ON	
Portfolio/Building No:				**Pinchin File:**	348218.007	
Submitted by:	Caitlin Snarr			**Email:**	csnarr@pinchin.com	
CC Results to:	Cal Cathcart			**CC Email:**	ccathcart@pinchin.com	
Date Submitted:	November	13	2024	**Required by:**	November	22	2024
# of Samples:	18 3 Split 1/3			**Priority:**	5 Day Turnaround		
Year of Building Construction (*Mandatory, Years ONLY*):	1967						
Do NOT Stop on Positive (Sample Numbers):							
Pinchin Group Company (*Mandatory Field*):	Pinchin						
HMIS2 Building Reference #:	142007/2024101317505049						
To be Completed by Lab Personnel Only:	6327583						
Lab Reference #:				**Time:**	24 hour clock		
Received by:	NOV 14 2024			**Date:**	Month	Day	Year
Name(s) of Analyst(s):	AZW Nov 22/24						

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	1018	A	Roofing Material,Built Up Roofing,Loc:213,Roof D a)ND b)ND c)ND d)ND e)ND f)ND g)ND
S	1018	B	Roofing Material,Built Up Roofing,Loc:213,Roof D a)ND b)ND c)ND d)ND e)ND f)ND g)ND
S	1018	C	Roofing Material,Built Up Roofing,Loc:213,Roof D a)ND b)ND c)ND d)ND e)ND f)ND g)ND

Pinchin Ltd. Asbestos Laboratory
Certificate of Analysis

Project No.:	**0348218.007**		
Prepared For:	**C. Snarr**		
Lab Reference No.:	**b327585**		
Analyst(s):	**N. Barinque**		
Date Received:	**November 14, 2024**	**Samples Submitted:**	**3**
Date Analyzed:	**November 25, 2024**	**Phases Analyzed:**	**24**

The Pinchin Ltd. Mississauga asbestos laboratory is accredited by the National Institute of Standards and Technology, National Voluntary Laboratory Accreditation Program (NVLAP Lab Code 101270-0) for the 'EPA – 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples,' and the 'EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials'; and meets all requirements of ISO/IEC 17025:2017. The Pinchin asbestos laboratory uses the aforementioned methods of analysis for all bulk materials. Please be advised that bulk materials do not include debris, dust, and tape-lift samples, and the analysis and reporting of these materials does not conform with Pinchin Ltd.'s NVLAP accreditation.

Bulk samples are checked visually and scanned under a stereomicroscope. Slides are prepared and observed under a Polarized Light Microscope (PLM) at magnifications of 40X, 100X or 400X as appropriate. Asbestos fibres are identified by a combination of morphology, colour, refractive index, extinction, sign of elongation, birefringence and dispersion staining colours. A visual estimate is made of the percentage of asbestos present. A reported concentration of less than (<) the regulatory threshold indicates the presence of confirmed asbestos in trace quantities, limited to only a few fibres or fibre bundles in an entire sample. This method complies with provincial regulatory requirements where applicable. Multiple phases within a sample are analyzed and reported separately.

All bulk samples submitted to this laboratory for asbestos analysis are retained for a minimum of three months. Samples may be retrieved, upon request, for re-examination at any time during that period.

This report relates only to the items tested.

Pinchin Ltd. Asbestos Laboratory
Certificate of Analysis

Project No.: 0348218.007
Prepared For: C. Snarr
Lab Reference No.: b327585
Date Analyzed: November 25, 2024

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S1019A Roofing Material, Built Up Roofing, Loc:214, Roof E	9 Phases: a) Homogeneous, black, layered, brittle, tar material.	None Detected	Tar and other Non-Fibrous Material > 75%
	b) Homogeneous, black, hard, layered, tar-impregnated, compressed, fibrous material.	None Detected	Cellulose 25-50% Tar and other Non-Fibrous Material 50-75%
	c) Homogeneous, black, layered, tar material.	None Detected	Tar and other Non-Fibrous Material > 75%
	d) Homogeneous, black, layered, tar-impregnated, compressed, fibrous material.	None Detected	Cellulose 50-75% Tar and other Non-Fibrous Material 25-50%
	e) Homogeneous, grey, layered paper.	None Detected	Cellulose > 75% Man-Made Vitreous Fibres 5-10% Non-Fibrous Material 0.5-5%
	f) Homogeneous, black, tar beween paper and cellulose.	None Detected	Tar and other Non-Fibrous Material > 75%
	g) Homogeneous, black, layered, flakey, brittle, tar material.	None Detected	Tar and other Non-Fibrous Material > 75%
	h) Homogeneous, black, layered, tar-impregnated, compressed, fibrous material.	None Detected	Man-Made Vitreous Fibres 25-50% Tar and other Non-Fibrous Material 50-75%
	i) Homogeneous, black, tar material (top).	None Detected	Tar and other Non-Fibrous Material > 75%
Comments:	Cellulose and foam are present on the surface of this sample.		

Pinchin Ltd. Asbestos Laboratory
Certificate of Analysis

Project No.: **0348218.007**
Prepared For: **C. Snarr**
Lab Reference No.: **b327585**
Date Analyzed: **November 25, 2024**

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S1019B Roofing Material, Built Up Roofing, Loc:214, Roof E	8 Phases: a) Homogeneous, black, layered, brittle, tar material.	None Detected	Tar and other Non-Fibrous Material > 75%
	b) Homogeneous, black, hard, layered, tar-impregnated, compressed, fibrous material.	None Detected	Cellulose 25-50% Tar and other Non-Fibrous Material 50-75%
	c) Homogeneous, grey, layered paper.	None Detected	Cellulose > 75% Man-Made Vitreous Fibres 5-10% Non-Fibrous Material 0.5-5%
	d) Homogeneous, black, layered, tar material.	None Detected	Tar and other Non-Fibrous Material > 75%
	e) Homogeneous, black, layered, tar-impregnated, compressed, fibrous material.	None Detected	Cellulose 50-75% Tar and other Non-Fibrous Material 25-50%
	f) Homogeneous, black, layered, flakey, brittle, tar material.	None Detected	Tar and other Non-Fibrous Material > 75%
	g) Homogeneous, black, layered, tar-impregnated, compressed, fibrous material.	None Detected	Man-Made Vitreous Fibres 25-50% Tar and other Non-Fibrous Material 50-75%
	h) Homogeneous, black, tar material (top).	None Detected	Tar and other Non-Fibrous Material > 75%
Comments:	Cellulose and foam are present on the surface of this sample.		

Pinchin Ltd. Asbestos Laboratory
Certificate of Analysis

Project No.: 0348218.007
Prepared For: C. Snarr
Lab Reference No.: b327585
Date Analyzed: November 25, 2024

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S1019C Roofing Material, Built Up Roofing, Loc:214, Roof E	7 Phases: a) Homogeneous, black, layered, brittle, tar material.	None Detected	Tar and other Non-Fibrous Material > 75%
	b) Homogeneous, black, hard, layered, tar-impregnated, compressed, fibrous material.	None Detected	Cellulose 25-50% Tar and other Non-Fibrous Material 50-75%
	c) Homogeneous, grey, layered paper.	None Detected	Cellulose > 75% Man-Made Vitreous Fibres 5-10% Non-Fibrous Material 0.5-5%
	d) Homogeneous, black, tar beween paper and cellulose.	None Detected	Tar and other Non-Fibrous Material > 75%
	e) Homogeneous, black, layered, flakey, brittle, tar material.	None Detected	Tar and other Non-Fibrous Material > 75%
	f) Homogeneous, black, layered, tar-impregnated, compressed, fibrous material.	None Detected	Man-Made Vitreous Fibres 25-50% Tar and other Non-Fibrous Material 50-75%
	g) Homogeneous, black, tar material (top).	None Detected	Tar and other Non-Fibrous Material > 75%
Comments:	Cellulose and foam are present on the surface of this sample.		

Reviewed by:

Digitally signed by Pinchin Ltd.
Date: 2024.11.25 10:58:20-05'00'

Reporting Analyst:

Digitally signed by Pinchin Ltd.
Date: 2024.11.25 10:58:36-05'00'

Analyzed by: NB 24-11-25

Reviewed by:

Report Sent by: CA

Pinchin Ltd. - Asbestos Laboratory
Internal Asbestos Bulk Sample Chain of Custody

Special Instructions:

Client Name:		**Project Address:**	ON
Portfolio/Building No:		**Pinchin File:**	0348218.007
Submitted by:	Caitlin Snarr	**Email:**	csnarr@pinchin.com
CC Results to:	Cal Cathcart	**CC Email:**	ccathcart@pinchin.com
Date Submitted:	November 13 2024	**Required by:**	November 22 2024
# of Samples:	X2 3 Split 2/3	**Priority:**	5 Day Turnaround
Year of Building Construction (*Mandatory, Years ONLY*):		1967	
Do NOT Stop on Positive (Sample Numbers):			
Pinchin Group Company (*Mandatory Field*):		Pinchin	
HMIS2 Building Reference #:		142007/2024101317505049	
To be Completed by Lab Personnel Only:	b327585 a		
Lab Reference #:	NOV 14 2024	**Time:**	24 hour clock
Received by:		**Date:**	Month Day Year
Name(s) of Analyst(s):			

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	1019	A	Roofing Material,Built Up Roofing,Loc:214,Roof E a)ND b)ND c)ND d)ND e)ND f)ND g)ND h)ND i)ND
S	1019	B	Roofing Material,Built Up Roofing,Loc:214,Roof E a)ND b)ND c)ND d)ND e)ND f)ND g)ND h)ND
S	1019	C	Roofing Material,Built Up Roofing,Loc:214,Roof E a)ND b)ND c)ND d)ND e)ND f)ND g)ND

9 8 7

24

Pinchin Ltd. Asbestos Laboratory
Certificate of Analysis

Project No.:	**0348218.007**		
Prepared For:	**C. Snarr**		
Lab Reference No.:	**b327586**		
Analyst(s):	**N. Barinque**		
Date Received:	**November 14, 2024**	**Samples Submitted:**	**6**
Date Analyzed:	**November 22, 2024**	**Phases Analyzed:**	**6**

The Pinchin Ltd. Mississauga asbestos laboratory is accredited by the National Institute of Standards and Technology, National Voluntary Laboratory Accreditation Program (NVLAP Lab Code 101270-0) for the 'EPA – 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples,' and the 'EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials'; and meets all requirements of ISO/IEC 17025:2017. The Pinchin asbestos laboratory uses the aforementioned methods of analysis for all bulk materials. Please be advised that bulk materials do not include debris, dust, and tape-lift samples, and the analysis and reporting of these materials does not conform with Pinchin Ltd.'s NVLAP accreditation.

Bulk samples are checked visually and scanned under a stereomicroscope. Slides are prepared and observed under a Polarized Light Microscope (PLM) at magnifications of 40X, 100X or 400X as appropriate. Asbestos fibres are identified by a combination of morphology, colour, refractive index, extinction, sign of elongation, birefringence and dispersion staining colours. A visual estimate is made of the percentage of asbestos present. A reported concentration of less than (<) the regulatory threshold indicates the presence of confirmed asbestos in trace quantities, limited to only a few fibres or fibre bundles in an entire sample. This method complies with provincial regulatory requirements where applicable. Multiple phases within a sample are analyzed and reported separately.

All bulk samples submitted to this laboratory for asbestos analysis are retained for a minimum of three months. Samples may be retrieved, upon request, for re-examination at any time during that period.

This report relates only to the items tested.

Pinchin Ltd. Asbestos Laboratory
Certificate of Analysis

Project No.: 0348218.007
Prepared For: C. Snarr

Lab Reference No.: b327586
Date Analyzed: November 22, 2024

BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S1020A Wall, Caulking, Grey Caulking On Flashing, Loc:213, Roof D	Homogeneous, grey, caulking material.	None Detected	Non-Fibrous Material > 75%
S1020B Wall, Caulking, Grey Caulking On Flashing, Loc:213, Roof D	Homogeneous, grey, caulking material.	None Detected	Non-Fibrous Material > 75%
S1020C Wall, Caulking, Grey Caulking On Flashing, Loc:213, Roof D	Homogeneous, grey, caulking material.	None Detected	Non-Fibrous Material > 75%
S1021A Wall, Caulking, Grey Caulking On Flashing, Loc:214, Roof E	Homogeneous, grey, caulking material.	None Detected	Non-Fibrous Material > 75%
S1021B Wall, Caulking, Grey Caulking On Flashing, Loc:214, Roof E	Homogeneous, grey, caulking material.	None Detected	Non-Fibrous Material > 75%
S1021C Wall, Caulking, Grey Caulking On Flashing, Loc:214, Roof E	Homogeneous, grey, caulking material.	None Detected	Non-Fibrous Material > 75%

Reviewed by:

Digitally signed by Pinchin Ltd.
Date: 2024.11.22 12:20:11-05'00'

Reporting Analyst:

Digitally signed by Pinchin Ltd.
Date: 2024.11.22 12:20:26-05'00'

Analyzed by: 24-11-22

Reviewed by:

Report Sent by:

Pinchin Ltd. - Asbestos Laboratory
Internal Asbestos Bulk Sample Chain of Custody

Special Instructions:

Client Name:				**Project Address:**	ON	
Portfolio/Building No:				**Pinchin File:**	0348218.007	
Submitted by:	Caitlin Snarr			**Email:**	csnarr@pinchin.com	
CC Results to:	Cal Cathcart			**CC Email:**	ccathcart@pinchin.com	
Date Submitted:	November	13	2024	**Required by:**	November 22	2024
# of Samples:	120 6 Split 3/3			**Priority:**	5 Day Turnaround	
Year of Building Construction (*Mandatory, Years ONLY*):	1967					
Do NOT Stop on Positive (Sample Numbers):						
Pinchin Group Company (*Mandatory Field*):	Pinchin					
HMIS2 Building Reference #:	142007/2024101317505049					
To be Completed by Lab Personnel Only:	6327586 a					
Lab Reference #:				**Time:**	24 hour clock	
Received by:	NOV 14 2024			**Date:**	Month Day	Year
Name(s) of Analyst(s):						

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)	
S	1020	A	Wall,Caulking,Grey Caulking On Flashing,Loc:213,Roof D	ND
S	1020	B	Wall,Caulking,Grey Caulking On Flashing,Loc:213,Roof D	ND
S	1020	C	Wall,Caulking,Grey Caulking On Flashing,Loc:213,Roof D	ND
S	1021	A	Wall,Caulking,Grey Caulking On Flashing,Loc:214,Roof E	ND
S	1021	B	Wall,Caulking,Grey Caulking On Flashing,Loc:214,Roof E	ND
S	1021	C	Wall,Caulking,Grey Caulking On Flashing,Loc:214,Roof E	ND

Your Project #: 0348218.007
Your C.O.C. #: N/A

Attention: Caitlin Snarr

Pinchin Ltd
160 Charlotte Street
Suite 204
Peterborough, ON
CANADA K9J 2T8

Report Date: 2024/11/20
Report #: R8413202
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C4Z9305
Received: 2024/11/14, 09:30

Sample Matrix: Solid
Samples Received: 1

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Metals in Paint	1	2024/11/20	2024/11/20	CAM SOP-00408	EPA 6010D m

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.

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.

Your Project #: 0348218.007
Your C.O.C. #: N/A

Attention: Caitlin Snarr

Pinchin Ltd
160 Charlotte Street
Suite 204
Peterborough, ON
CANADA K9J 2T8

Report Date: 2024/11/20
Report #: R8413202
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C4Z9305
Received: 2024/11/14, 09:30

Encryption Key

Please direct all questions regarding this Certificate of Analysis to:
Nilushi Mahathantila, Project Manager
Email: Nilushi.Mahathantila@bureauveritas.com
Phone# (905) 817-5700

==========

This report has been generated and distributed using a secure automated process.
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.

Bureau Veritas Job #: C4Z9305
Report Date: 2024/11/20

Pinchin Ltd
Client Project #: 0348218.007
Sampler Initials: CS

ELEMENTS BY ATOMIC SPECTROSCOPY (SOLID)

Bureau Veritas ID		AIWM10		
Sampling Date		2024/11/13 15:00		
COC Number		N/A		
	UNITS	L0039,BLACK PAINT ON METAL,LOC:211,ROOF C	RDL	QC Batch
Metals				
Lead (Pb)	%	0.53	0.00082	9776494

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

Bureau Veritas 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvna.com

Bureau Veritas Job #: C4Z9305
Report Date: 2024/11/20

Pinchin Ltd
Client Project #: 0348218.007
Sampler Initials: CS

TEST SUMMARY

Bureau Veritas ID: AIWM10
Sample ID: L0039,BLACK PAINT ON METAL,LOC:211,ROOF C
Matrix: Solid

Collected: 2024/11/13
Shipped:
Received: 2024/11/14

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Metals in Paint	ICP	9776494	2024/11/20	2024/11/20	Gagandeep Rai

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GENERAL COMMENTS

Sample AIWM10 [L0039,BLACK PAINT ON METAL,LOC:211,ROOF C] : Metals Analysis: Due to limited amount of sample available for analysis, a smaller than usual portion of the sample was used. Detection limits were adjusted accordingly.

Results relate only to the items tested.

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Bureau Veritas Job #: C4Z9305
Report Date: 2024/11/20

Pinchin Ltd
Client Project #: 0348218.007
Sampler Initials: CS

QUALITY ASSURANCE REPORT

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
9776494	GR1	Matrix Spike	Lead (Pb)	2024/11/20		95	%	75 - 125
9776494	GR1	QC Standard	Lead (Pb)	2024/11/20		102	%	75 - 125
9776494	GR1	Method Blank	Lead (Pb)	2024/11/20	<0.00010		%	
9776494	GR1	RPD	Lead (Pb)	2024/11/20	0.67		%	35

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Matrix Spike: A sample to which a known amount of the analyte of interest has been added. Used to evaluate sample matrix interference.

QC Standard: A sample of known concentration prepared by an external agency under stringent conditions. Used as an independent check of method accuracy.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

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Bureau Veritas Job #: C4Z9305
Report Date: 2024/11/20

Pinchin Ltd
Client Project #: 0348218.007
Sampler Initials: CS

VALIDATION SIGNATURE PAGE

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

Cristina Carriere, Senior Scientific Specialist

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.

Bureau Veritas 6740 Campobello Road, Mississauga, Ontario, L5N 2L8 Tel: (905) 817-5700 Toll-Free: 800-563-6266 Fax: (905) 817-5777 www.bvna.com

C4Z9305
2024/11/14 09:30

NONT-2024-11-2948

6740 Campobello Road, Mississauga, Ontario L5N 2L8
Phone: 905-817-5700 Fax: 905-817-5779 Toll Free: 800-563-6266
CAM FCD-01191/6

CHAIN OF CUSTODY RECORD

Invoice Information	Report Information (if differs from invoice)	Project Information (where applicable)	Turnaround Time (TAT) Required
Company Name: Pinchin Ltd.	Company Name:	Quotation #:	1 Regular TAT (5-7 days) Most analyses
Contact Name: Caitlin Snarr ; Cal Cathcart	Contact Name:	P.O. #/ AFE#:	PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS
Address:	Address:	Project #: 0348218.007	Rush TAT (Surcharges will be applied)
Phone: 705.772.0614 Fax:	Phone: Fax:	Site Location:	1 Day 2 Days 3-4 Days
Email: csnarr@pinchin.com ; ccathcart@pinchin.com	Email:	Site #:	Date Required: 22-Nov-24
MOE REGULATED DRINKING WATER OR WATER INTENDED FOR HUMAN CONSUMPTION MUST BE SUBMITTED ON THE BUREAU VERITAS DRINKING WATER CHAIN OF CUSTODY		Site Location Province: ____ ON Sampled By: Caitlin Snarr	Rush Confirmation #:

Regulation 153	Other Regulations
☐ Table 1 ☐ Res/Park ☐ Med/ Fine	☐ CCME ☐ Sanitary Sewer Bylaw
☐ Table 2 ☐ Ind/Comm ☐ Coarse	☐ MISA ☐ Storm Sewer Bylaw
☐ Table 3 ☐ Agri/ Other	☐ PWQO Region ____
☐ Table ____	☐ Other (Specify) ____
FOR RSC (PLEASE CIRCLE) Y / N	☐ REG 558 (MIN. 3 DAY TAT REQUIRED)
	☐ REG 406 Table ____

Include Criteria on Certificate of Analysis: Y / N

SAMPLES MUST BE KEPT COOL (< 10 °C) FROM TIME OF SAMPLING UNTIL DELIVERY TO BUREAU VERITAS

SAMPLE IDENTIFICATION	DATE SAMPLED (YYYY/MM/DD)	TIME SAMPLED (HH:MM)	MATRIX	# OF CONTAINERS SUBMITTED	FIELD FILTERED (CIRCLE) Metals / Hg / CrVI	BTEX/ PHC F1	PHCs F2 - F4	VOCs	REG 153 METALS & INORGANICS	REG 153 ICPMS METALS	REG 153 METALS (Hg, Cr VI, ICPMS Metals, HWS - B)	Lead (Pb) in Paints	PCBs	HOLD- DO NOT ANALYZE
L0039, Black Paint On Metal,Loc:211,Roof C	2024-11-13	15:00	BULK	1								X		

Analysis Requested

LABORATORY USE ONLY

CUSTODY SEAL Y / N		COOLER TEMPERATURES
Present	Intact	
		N/A

COOLING MEDIA PRESENT: Y / N

COMMENTS

RELINQUISHED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	RECEIVED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	BV JOB #
Caitlin Snarr	2024-11-13	17:30pm	SUGAR SALVAN	2024/11/14	09:30	

Unless otherwise agreed to in writing, work submitted on this Chain of Custody is subject to Bureau Veritas' standard Terms and Conditions. Signing of this Chain of Custody document is acknowledgment and acceptance of our terms available at https://www.bvna.com/coc-terms-and-conditions

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/Method No. 7420; flame atomic absorption.

Analytical results were compared to the following criteria.

Jurisdiction	Units (%)	Units (ppm) / (mg/kg)
Ontario	0.009	90

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.

Sample results are compared to the criteria of 50 mg/kg for solids as stated in the PCB Regulation, SOR/2008-273.

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.

1.7 Radioactive Materials

Most smoke detectors use a radioactive source for the detection of smoke. The radioactive source used is low-activity Americium-241. These types of smoke detectors use a very small amount of this material (1-5 micro curies); and it is encapsulated between thin layers of gold and silver foil.

The potential for radioactive sources was determined by visual inspection of the smoke detector.

APPENDIX IV
Location Summary Report

HMIS
HAZARDOUS MATERIALS INVENTORY SYSTEM

LOCATIONS LIST

PINCHIN
1.855.PINCHIN www.pinchin.com

Client:KPRDSB **Site: 1717 Nash Road, Courtice, ON**
Building Name: Courtice Secondary School
Survey Date: **Last Re-Assessment: 2024-12-09**
Building Phases: A: 1961 , B: 1967 , C: 1972

Location No.	Name or Description	Area ft²	Floor No.	Bldg. Phase	Notes
97	Kitchen, room no. K05	400	1	B	
98	Office, room no. K05A	90	1	B	
99	Storage, room no. K04	30	1	B	
100	Serving Corridor, room no. 101H	100	1	B	HMIS sticker at location 97 door.
102	Corridor, room no. 103H	400	1	B	HMIS sticker at location 103 door.
103	Cafeteria, room no. K02	1000	1	B	
104	Storage, room no. 100-0	75	1	B	
105	Storage, room no. 103A	100	1	B	
186	Mechanical Room, room no. K03	300	2	B	
190	Staff Room, room no. K01	700	1	B	High Ceilings
201	Dishwashing	200	1	B	
209	Roof A	10	ROOF	B	installed 1992
210	Roof B	7000	ROOF	B	installed 1992
211	Roof C	460	ROOF	B	installed 1992
213	Roof D	400	ROOF	B	installed 2002 repaired 2019
214	Roof E	422	ROOF	B	

APPENDIX V
Hazardous Materials Summary Report / Sample Log

HMIS
HAZARDOUS MATERIALS INVENTORY SYSTEM

HAZARDOUS MATERIALS SUMMARY / SAMPLE LOG

PINCHIN
1.855.PINCHIN www.pinchin.com

Client:Kawartha Pine Ridge District School Board (KPRDSB) **Site: 1717 Nash Road, Courtice, ON** **Building Name: Courtice Secondary School** **Survey Date: 2010-07-12**

HAZMAT	Sample No	System/Component/Material/Sample Description	Locations	Bldg. Phase	LF	SF	EA	%	Type	Positive	Friability
Asbestos	V0002	Ceiling | | Ceiling Tiles (glue-on) | At-02 1x1 Random Ridge, Loc. 39	194	B	0	100	0	0	None Detected	No	
Asbestos	V0004	Ceiling | | Plaster | Plaster Ceiling, Loc. 38	97,192,193	B	0	10520	0	0	None Detected	No	
Asbestos	V0011	Wall | Bulkhead | Drywall And Joint Compound | Drywall Joint Compound Wall, Loc. 65	100,102	B	0	30	0	0	Chrysotile	Yes	NF
Asbestos	V0018	Floor | | Vinyl Floor Tile And Mastic | Vft 12x12 Off White With Grey Splotch, Loc. 71	102,103,190,192,193,194	B	0	2320	0	0	None Detected	No	
Asbestos	S0025	Floor | | Vinyl Floor Tile And Mastic | Vft 9x9 Blue And White Streak, Loc. 104	104	B	0	75	0	0	Chrysotile	Yes	NF
Asbestos	S0032	Ceiling, Wall | | Plaster | Plaster, Ceiling	98,103,190	B	0	350	0	0	None Detected	No	
Asbestos	V0035	Ceiling | | Plaster | Plaster, Ceiling, Loc. 87	99,201	B	0	230	0	0	None Detected	No	
Asbestos	S0068	Other | | Caulking | Caulking - White	103	B	20	0	0	0	None Detected	No	
Asbestos	V0079	Wall | | Paint | White Paint On Masonry Wall In Corridor (loc 39) - 1967 Phase	98,99,100	B	0	170	0	0	Chrysotile	Yes	NF
Asbestos	V0085	Structure, Wall | | Paint | Off-white Paint On Masonry Wall In Corridor (loc 118) - 1967 Phase	97,102,103,104,105,186,190,191,192,193,194 201	B	0	3015	0	0	Chrysotile	Yes	NF
Asbestos	S1014 BC	Other | | Roofing Material | Roof Materials	210,211	B	0	7460	0	0	Chrysotile	Yes	NF
Asbestos	S1015 ABC	Other | | Roofing Material | Roof Materials	209	B	0	100	0	0	None Detected	No	
Asbestos	S1016 AB	Other | | Tar | Black Tar On Vent	210	B	0	10	0	0	None Detected	No	
Asbestos	S1018 ABC	Other | | Roofing Material | Built Up Roofing	213	B	0	400	0	0	None Detected	No	
Asbestos	S1019 ABC	Other | | Roofing Material | Built Up Roofing	214	B	0	422	0	0	None Detected	No	
Asbestos	S1020 ABC	Wall | | Caulking | Grey Caulking On Flashing	213	B	30	0	0	0	None Detected	No	
Asbestos	S1021 ABC	Wall | | Caulking | Grey Caulking On Flashing	214	B	20	0	0	0	None Detected	No	
Asbestos	V9500	Floor | | Terrazzo |	97,98,99,100,201	B	0	820	0	0	Presumed Asbestos	Yes	NF
Asbestos	V9500	Wall | | Thin-set |	193	B	0	20	0	0	Presumed Asbestos	Yes	PF
Asbestos	V0000	Ceiling | | Ceiling Tiles (lay-in) |	100,102,104,105,190,191	B	0	1475	0	0	Non Asbestos	No	
Asbestos	V0000	Ceiling | | Ceiling Tiles (lay-in) | 24x48 Fleck And Pinhole	103	B	0	1000	0	0	Non Asbestos	No	
Asbestos	V0000	Ceiling | | Ceiling Tiles (glue-on) |	104	B	0	75	0	0	Non Asbestos	No	
Asbestos	V0000	Floor | | Vinyl Floor Tile And Mastic |	105	B	0	100	0	0	Non Asbestos	No	
Asbestos	V0000	Floor | All | Vinyl Floor Tile And Mastic | 12 X 12 Grey Splotch	191	B	0	0	0	0	Non Asbestos	No	
Asbestos	V0000	Other | | Caulking |	210	B	0	5	0	0	Non Asbestos	No	
Asbestos	V0000	Piping | All | Fibreglass |	102	B	0	0	0	0	Non Asbestos	No	
Paint	L0039	Structure | Metal | Black Paint On Metal	211	B	0	200	0	0	Lead (High)	Yes	-
Lead Product	V9000	Batteries In Emer. Lights	186	B	0	0	1	0	Lead Product	Yes	-

HAZMAT	Sample No	System/Component/Material/Sample Description	Locations	Bldg. Phase	LF	SF	EA	%	Type	Positive	Friability
Lead Product	V9500	Batteries In Emer. Lights	103,190	B	0	0	4	0	Presumed Lead Product	Yes	-
Hg	V9500	Mercury Vapour Lamp	97,98,99,100,102,103,104,105,186,190,191,192,193 194,201	B	0	0	114	0	Presumed Hg	Yes	-

Legend:

Sample number	
S####	Asbestos sample collected
L####	Paint sample collected
P####	PCB sample collected
M####	Mould sample collected
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

Units	
SF	Square feet
LF	Linear feet
EA	Each
%	Percentage

NF	Non Friable material.
F	Friable material
PF	Potentially Friable material

APPENDIX VI
All Data Report

HMIS
HAZARDOUS MATERIALS INVENTORY SYSTEM

ALL DATA REPORT

PINCHIN
1.855.PINCHIN www.pinchin.com

Client: Kawartha Pine Ridge District School Board (KPRDSB) **Site: Active Schools** **Building Name: 153 : Courtice Secondary School**
Location: #97 : Kitchen **Floor: 1** **Room #: K05** **Area (sqft): 400**
Survey Date: 2010-07-12 **Last Re-Assessment: 2024-12-09**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Plaster	Surface		C	Y		400			SF	V0004	None Detected	N.D.	None	
Duct		Not Insulated			C	N										
Floor		Terrazzo			A	Y		400(7)			SF	V9500	Presumed Asbestos		Presumed Asbestos	NF
Mechanical Equipment		Not Insulated			C	N										
Piping	Domestic Water (hot And Cold)	Not Insulated			C	N										
Structure		Not Insulated			C	N										
Wall		Paint		Masonry	A	Y		300(7)			SF	V0085	Chrysotile	0.5-5%	Confirmed Asbestos	NF

Client: Kawartha Pine Ridge District School Board (KPRDSB) **Site: Active Schools** **Building Name: 153 : Courtice Secondary School**
Location: #97 : Kitchen **Floor: 1** **Room #: K05** **Area (sqft): 400**
Survey Date: 2010-07-12 **Last Re-Assessment: 2024-12-09**

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Mercury Vapour Lamp	6	EA	V9500	Presumed

Client: Kawartha Pine Ridge District School Board (KPRDSB) **Site: Active Schools** **Building Name: 153 : Courtice Secondary School**

Location: #98 : Office **Floor: 1** **Room #: K05A** **Area (sqft): 90**

Survey Date: 2010-07-12 **Last Re-Assessment: 2024-12-09**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Plaster	Surface		C	Y		90			SF	S0032	None Detected	N.D.	None	
Duct		None Found														
Floor		Terrazzo			A	Y		90(7)			SF	V9500	Presumed Asbestos		Presumed Asbestos	NF
Mechanical Equipment		None Found														
Piping		None Found														
Structure		Not Insulated			D	N										
Wall		Paint		Masonry	A	Y		50(7)			SF	V0079	Chrysotile	0.5-5%	Confirmed Asbestos	NF

Client: Kawartha Pine Ridge District School Board (KPRDSB) **Site: Active Schools** **Building Name: 153 : Courtice Secondary School**

Location: #98 : Office **Floor: 1** **Room #: K05A** **Area (sqft): 90**

Survey Date: 2010-07-12 **Last Re-Assessment: 2024-12-09**

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Mercury Vapour Lamp	2	EA	V9500	Presumed

Client: Kawartha Pine Ridge District School Board (KPRDSB) **Site: Active Schools** **Building Name: 153 : Courtice Secondary School**

Location: #99 : Storage **Floor: 1** **Room #: K04** **Area (sqft): 30**

Survey Date: 2010-07-12 **Last Re-Assessment: 2024-12-09**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Plaster	Surface		C	Y		30			SF	V0035	None Detected	N.D.	None	
Duct		None Found														
Floor		Terrazzo			A	Y		30(7)			SF	V9500	Presumed Asbestos		Presumed Asbestos	NF
Mechanical Equipment		None Found														
Piping		None Found														
Structure	Not Accessible	N/A			C	N										
Wall		Paint		Masonry	A	Y		20(7)			SF	V0079	Chrysotile	0.5-5%	Confirmed Asbestos	NF

Client: Kawartha Pine Ridge District School Board (KPRDSB) **Site: Active Schools** **Building Name: 153 : Courtice Secondary School**

Location: #99 : Storage **Floor: 1** **Room #: K04** **Area (sqft): 30**

Survey Date: 2010-07-12 **Last Re-Assessment: 2024-12-09**

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Mercury Vapour Lamp	2	EA	V9500	Presumed

Client: Kawartha Pine Ridge District School Board (KPRDSB) **Site: Active Schools** **Building Name: 153 : Courtice Secondary School**

Location: #100 : Serving Corridor **Floor: 1** **Room #: 101H** **Area (sqft): 100**

Survey Date: 2010-07-12 **Last Re-Assessment: 2024-12-09**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling[1]		Ceiling Tiles (lay-in)			C	Y		100			SF	V0000	Non-Asbestos		None	
Duct		None Found														
Floor		Terrazzo			A	Y		100(7)			SF	V9500	Presumed Asbestos		Presumed Asbestos	NF
Mechanical Equipment		None Found														
Piping		None Found														
Structure		Not Insulated			C	N										
Wall		Paint		Masonry	A	Y		100(7)			SF	V0079	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Wall	Bulkhead	Drywall and joint compound			A	Y		20(7)			SF	V0011	Chrysotile	0.5-5%	Confirmed Asbestos	NF

HMIS sticker at location 97 door.

1 - Date code present

Client: Kawartha Pine Ridge District School Board (KPRDSB) **Site: Active Schools** **Building Name: 153 : Courtice Secondary School**

Location: #100 : Serving Corridor **Floor: 1** **Room #: 101H** **Area (sqft): 100**

Survey Date: 2010-07-12 **Last Re-Assessment: 2024-12-09**

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Mercury Vapour Lamp	6	EA	V9500	Presumed

HMIS sticker at location 97 door.

Client: Kawartha Pine Ridge District School Board (KPRDSB) **Site: Active Schools** **Building Name: 153 : Courtice Secondary School**

Location: #102 : Corridor **Floor: 1** **Room #: 103H** **Area (sqft): 400**

Survey Date: 2010-07-12 **Last Re-Assessment: 2024-12-09**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling[1]		Ceiling Tiles (lay-in)			C	Y		400			SF	V0000	Non-Asbestos		None	
Duct	All	Not Insulated														
Floor		Vinyl Floor Tile and Mastic	Surface		A	Y		400			SF	V0018	None Detected	N.D.	None	
Mechanical Equipment		None Found														
Piping	All	Fibreglass			C	N						V0000	Non-Asbestos		None	
Structure		Not Insulated														
Wall		Drywall and joint compound	Surface		A	Y		10(7)			SF	V0011	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Wall		Paint		Masonry	A	Y		360(7)			SF	V0085	Chrysotile	0.5-5%	Confirmed Asbestos	NF

HMIS sticker at location 103 door.

1 - Date code present

Client: Kawartha Pine Ridge District School Board (KPRDSB) **Site: Active Schools** **Building Name: 153 : Courtice Secondary School**

Location: #102 : Corridor **Floor: 1** **Room #: 103H** **Area (sqft): 400**

Survey Date: 2010-07-12 **Last Re-Assessment: 2024-12-09**

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Mercury Vapour Lamp	6	EA	V9500	Presumed

HMIS sticker at location 103 door.

Client: Kawartha Pine Ridge District School Board (KPRDSB) **Site: Active Schools** **Building Name: 153 : Courtice Secondary School**
Location: #103 : Cafeteria **Floor: 1** **Room #: K02** **Area (sqft): 1000**
Survey Date: 2010-07-12 **Last Re-Assessment: 2024-12-09**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling[1]		Ceiling Tiles (lay-in), 24x48 fleck and pinhole			C	Y		1000			SF	V0000	Non-Asbestos		None	
Duct	All	Not Insulated			C	N										
Floor		Vinyl Floor Tile and Mastic	Surface		A	Y		1000			SF	V0018	None Detected	N.D.	None	
Mechanical Equipment		None Found														
Other		Caulking, White caulking			A	Y	N	20			LF	S0068	None Detected	N.D.	None	
Piping	All	Fibreglass			C	N										
Structure		Not Insulated														
Wall		Concrete (precast)														
Wall[2]		Plaster	Surface		C	Y		200			SF	V0032	None Detected	N.D.	None	
Wall		Masonry			A	Y		1000			SF					
Wall		Paint		Masonry	A	Y		1000(7)			SF	V0085	Chrysotile	0.5-5%	Confirmed Asbestos	NF

1 - Date code 01/13/04
2 - above doors and as bulkheads for windows

Client: Kawartha Pine Ridge District School Board (KPRDSB) **Site: Active Schools** **Building Name: 153 : Courtice Secondary School**
Location: #103 : Cafeteria **Floor: 1** **Room #: K02** **Area (sqft): 1000**
Survey Date: 2010-07-12 **Last Re-Assessment: 2024-12-09**

PB PRODUCTS				
Component	Quantity	Unit	Sample	Hazard
Batteries In Emer. Lights	2	EA	V9500	Presumed

Client: Kawartha Pine Ridge District School Board (KPRDSB) **Site: Active Schools** **Building Name: 153 : Courtice Secondary School**
Location: #103 : Cafeteria **Floor: 1** **Room #: K02** **Area (sqft): 1000**
Survey Date: 2010-07-12 **Last Re-Assessment: 2024-12-09**

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Mercury Vapour Lamp	30	EA	V9500	Presumed

Client: Kawartha Pine Ridge District School Board (KPRDSB) **Site: Active Schools** **Building Name: 153 : Courtice Secondary School**

Location: #104 : Storage **Floor: 1** **Room #: 100-0** **Area (sqft): 75**

Survey Date: 2010-07-12 **Last Re-Assessment: 2024-12-09**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling[1]		Ceiling tiles (glue-on)	Base		C	N		75			SF	V0000	[None]		[Abated]	
Ceiling		Ceiling Tiles (lay-in)			C	Y		75			SF	V0000	Non-Asbestos		None	
Duct		None Found														
Floor		Vinyl Floor Tile and Mastic, 9x9 Blue with white streak	Surface		A	Y		75(7)			SF	S0025	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Mechanical Equipment		None Found														
Piping	Hot Water Heating	Fibreglass														
Piping	Hot Water Heating	Parging Cement, abated 2015 (101909.001)		Canvas	C	N		30			EA	V0021	[None]	>75%	[Abated]	
Piping	Rain Water Leader	Not Insulated														
Structure	Not Accessible	N/A														
Wall		Paint		Masonry	A	Y		50(7)			SF	V0085	Chrysotile	0.5-5%	Confirmed Asbestos	NF

1 - Above lay-in tiles.

Client: Kawartha Pine Ridge District School Board (KPRDSB) **Site: Active Schools** **Building Name: 153 : Courtice Secondary School**

Location: #104 : Storage **Floor: 1** **Room #: 100-0** **Area (sqft): 75**

Survey Date: 2010-07-12 **Last Re-Assessment: 2024-12-09**

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Mercury Vapour Lamp	4	EA	V9500	Presumed

Client: Kawartha Pine Ridge District School Board (KPRDSB) **Site: Active Schools** **Building Name: 153 : Courtice Secondary School**

Location: #105 : Storage **Floor: 1** **Room #: 103A** **Area (sqft): 100**

Survey Date: 2010-07-12 **Last Re-Assessment: 2024-12-09**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling[1]		Ceiling Tiles (lay-in)			C	Y		100			SF	V0000	Non-Asbestos		None	
Duct		None Found														
Floor[2]		Vinyl Floor Tile and Mastic			A	Y		100			SF	V0000	Non-Asbestos		None	
Mechanical Equipment		None Found														
Other		Mastic, Gold, abated			A	Y	N	1			EA	V0067	[None]	5-10%	[Abated]	
Piping		None Found														
Structure	Not Accessible	N/A														
Wall		Paint		Masonry	A	Y		100(7)			SF	V0085	Chrysotile	0.5-5%	Confirmed Asbestos	NF

1 - Date code present

2 - Installed post 2005

Client: Kawartha Pine Ridge District School Board (KPRDSB) **Site: Active Schools** **Building Name: 153 : Courtice Secondary School**

Location: #105 : Storage **Floor: 1** **Room #: 103A** **Area (sqft): 100**

Survey Date: 2010-07-12 **Last Re-Assessment: 2024-12-09**

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Mercury Vapour Lamp	2	EA	V9500	Presumed

Client: Kawartha Pine Ridge District School Board (KPRDSB) **Site: Active Schools** **Building Name: 153 : Courtice Secondary School**
Location: #186 : Mechanical Room **Floor: 2** **Room #: K03** **Area (sqft): 300**
Survey Date: 2010-07-12 **Last Re-Assessment: 2024-12-09**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling	N/a	N/A														
Duct		Not Insulated			B	Y										
Duct	Air Handling Unit	Fibreglass	Surface	Canvas	C	Y										
Floor		Concrete (poured)			B	Y										
Piping		Not Insulated			C	Y										
Piping	Hot Water Heating	Fibreglass	Straight	Canvas	C	Y										
Piping	Hot Water Heating	Fibreglass	Fitting	Polyvinyl chloride (PVC)	C	Y										
Piping	Rain Water Leader	Fibreglass		Canvas	C	Y										
Structure	Deck	Concrete (precast)			C	Y										
Wall		Paint		Masonry	B	Y		250(7)			SF	V0085	Chrysotile	0.5-5%	Confirmed Asbestos	NF

Client: Kawartha Pine Ridge District School Board (KPRDSB) **Site: Active Schools** **Building Name: 153 : Courtice Secondary School**
Location: #186 : Mechanical Room **Floor: 2** **Room #: K03** **Area (sqft): 300**
Survey Date: 2010-07-12 **Last Re-Assessment: 2024-12-09**

PB PRODUCTS				
Component	Quantity	Unit	Sample	Hazard
Batteries In Emer. Lights	1	EA	V9000	Yes

Client: Kawartha Pine Ridge District School Board (KPRDSB) **Site: Active Schools** **Building Name: 153 : Courtice Secondary School**
Location: #186 : Mechanical Room **Floor: 2** **Room #: K03** **Area (sqft): 300**
Survey Date: 2010-07-12 **Last Re-Assessment: 2024-12-09**

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Mercury Vapour Lamp	6	EA	V9500	Presumed

Client: Kawartha Pine Ridge District School Board (KPRDSB) **Site: Active Schools** **Building Name: 153 : Courtice Secondary School**
Location: #190 : Staff Room **Floor: 1** **Room #: K01** **Area (sqft): 700**
Survey Date: 2010-07-12 **Last Re-Assessment: 2024-12-09**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling[1]		Ceiling Tiles (lay-in)			C	Y		700			SF	V0000	Non-Asbestos		None	
Duct	All	Not Insulated			C	N										
Floor		Vinyl Floor Tile and Mastic			A	Y		700			SF	V0018	None Detected	N.D.	None	
Mechanical Equipment		None Found														
Piping	Hot Water Heating	Fibreglass	Straight													
Piping	Hot Water Heating	Parging Cement, abated 2015	Fitting	Canvas	C	N		4			EA	V0021	[None]	>75%	[Abated]	
Piping	Rain Water Leader	Fibreglass	Straight		C	N										
Piping	Rain Water Leader	Parging Cement, abated	Fitting	Canvas	C			1			EA	V0021	[None]	>75%	[Abated]	
Piping	Rain Water Leader	Sweatwrap, abated	Straight	Canvas	C	N		60			LF	V0020	[None]	0.5-5%	[Abated]	
Structure		Not Insulated			C	N										
Wall		Plaster	Surface	Paint	C	Y		60			SF	V0032	None Detected	N.D.	None	
Wall		Masonry														
Wall		Paint		Masonry	B	Y		500(7)			SF	V0085	Chrysotile	0.5-5%	Confirmed Asbestos	NF

High Ceilings
1 - Date code present

Client: Kawartha Pine Ridge District School Board (KPRDSB) **Site: Active Schools** **Building Name: 153 : Courtice Secondary School**
Location: #190 : Staff Room **Floor: 1** **Room #: K01** **Area (sqft): 700**
Survey Date: 2010-07-12 **Last Re-Assessment: 2024-12-09**

PB PRODUCTS				
Component	Quantity	Unit	Sample	Hazard
Batteries In Emer. Lights	2	EA	V9500	Presumed

High Ceilings

Client: Kawartha Pine Ridge District School Board (KPRDSB) **Site: Active Schools** **Building Name: 153 : Courtice Secondary School**
Location: #190 : Staff Room **Floor: 1** **Room #: K01** **Area (sqft): 700**
Survey Date: 2010-07-12 **Last Re-Assessment: 2024-12-09**

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Mercury Vapour Lamp	30	EA	V9500	Presumed

High Ceilings

Client: Kawartha Pine Ridge District School Board (KPRDSB) **Site: Active Schools** **Building Name: 153 : Courtice Secondary School**

Location: #191 : Washroom **Floor: 1** **Room #: K01A** **Area (sqft): 100**

Survey Date: 2010-07-12 **Last Re-Assessment: 2024-12-09**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling[1]		Ceiling Tiles (lay-in)			C	Y		100			SF	V0000	Non-Asbestos		None	
Duct		None Found														
Floor		Vinyl Floor Tile and Mastic			A	Y		100			SF	V0018	[None]	N.D.	[Abated]	
Floor[2]	All	Vinyl Floor Tile and Mastic, 12 x 12 grey splotch			A	Y		100				V0000	Non-Asbestos		None	
Mechanical Equipment		None Found														
Piping	All	Fibreglass														
Structure	Not Accessible	N/A														
Wall		Concrete (precast)														
Wall		Paint		Masonry	B	Y		100(7)			SF	V0085	Chrysotile	0.5-5%	Confirmed Asbestos	NF

1 - Date code present
2 - Installed post 2005

Client: Kawartha Pine Ridge District School Board (KPRDSB) **Site: Active Schools** **Building Name: 153 : Courtice Secondary School**

Location: #191 : Washroom **Floor: 1** **Room #: K01A** **Area (sqft): 100**

Survey Date: 2010-07-12 **Last Re-Assessment: 2024-12-09**

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Mercury Vapour Lamp	4	EA	V9500	Presumed

Client: Kawartha Pine Ridge District School Board (KPRDSB) **Site: Active Schools** **Building Name: 153 : Courtice Secondary School**

Location: #192 : Washroom **Floor: 1** **Room #: K01B** **Area (sqft): 60**

Survey Date: 2010-07-12 **Last Re-Assessment: 2024-12-09**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Plaster			C	Y		60			SF	V0004	None Detected	N.D.	None	
Duct		None Found														
Floor		Vinyl Floor Tile and Mastic	Surface		A	Y		60			SF	V0018	None Detected	N.D.	None	
Mechanical Equipment		None Found														
Piping	All	Not Insulated														
Wall		Concrete (precast)														
Wall		Paint		Masonry	B	Y		40(7)			SF	V0085	Chrysotile	0.5-5%	Confirmed Asbestos	NF

Client: Kawartha Pine Ridge District School Board (KPRDSB) **Site: Active Schools** **Building Name: 153 : Courtice Secondary School**

Location: #192 : Washroom **Floor: 1** **Room #: K01B** **Area (sqft): 60**

Survey Date: 2010-07-12 **Last Re-Assessment: 2024-12-09**

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Mercury Vapour Lamp	4	EA	V9500	Presumed

Client: Kawartha Pine Ridge District School Board (KPRDSB) **Site: Active Schools** **Building Name: 153 : Courtice Secondary School**

Location: #193 : Washroom **Floor: 1** **Room #: K01C** **Area (sqft): 60**

Survey Date: 2010-07-12 **Last Re-Assessment: 2024-12-09**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Plaster			C	Y		10060			SF	V0004	None Detected	N.D.	None	
Duct		None Found														
Floor		Vinyl Floor Tile and Mastic	Surface		A	Y		60			SF	V0018	None Detected	N.D.	None	
Mechanical Equipment		None Found														
Piping	All	Not Insulated			C	N										
Wall		Masonry														
Wall		Ceramic Tiles			A	Y		150			SF					
Wall		Paint		Masonry	B	Y		40(7)			SF	V0085	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Wall		Thin-set		Ceramic Tiles	D	N		20(7)			SF	V9500	Presumed Asbestos		Presumed Asbestos	PF

Client: Kawartha Pine Ridge District School Board (KPRDSB) **Site: Active Schools** **Building Name: 153 : Courtice Secondary School**

Location: #193 : Washroom **Floor: 1** **Room #: K01C** **Area (sqft): 60**

Survey Date: 2010-07-12 **Last Re-Assessment: 2024-12-09**

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Mercury Vapour Lamp	4	EA	V9500	Presumed

Client: Kawartha Pine Ridge District School Board (KPRDSB) **Site: Active Schools** **Building Name: 153 : Courtice Secondary School**

Location: #194 : Vestibule **Floor: 1** **Room #: K01D** **Area (sqft): 100**

Survey Date: 2010-07-12 **Last Re-Assessment: 2024-12-09**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Ceiling tiles (glue-on)			C	Y		100			SF	V0002	None Detected	N.D.	None	
Duct		None Found														
Floor		Vinyl Floor Tile and Mastic			A	Y		100			SF	V0018	None Detected	N.D.	None	
Mechanical Equipment		None Found														
Piping		None Found														
Structure	Not Accessible	N/A														
Wall		Concrete (precast)														
Wall		Paint		Masonry	B	Y		100(7)			SF	V0085	Chrysotile	0.5-5%	Confirmed Asbestos	NF

Client: Kawartha Pine Ridge District School Board (KPRDSB) **Site: Active Schools** **Building Name: 153 : Courtice Secondary School**

Location: #194 : Vestibule **Floor: 1** **Room #: K01D** **Area (sqft): 100**

Survey Date: 2010-07-12 **Last Re-Assessment: 2024-12-09**

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Mercury Vapour Lamp	4	EA	V9500	Presumed

Client: Kawartha Pine Ridge District School Board (KPRDSB) **Site: Active Schools** **Building Name: 153 : Courtice Secondary School**

Location: #201 : Dishwashing **Floor: 1** **Room #:** **Area (sqft): 200**

Survey Date: 2010-07-12 **Last Re-Assessment: 2024-12-09**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Plaster	Surface		C	Y		200			SF	V0035	None Detected	N.D.	None	
Duct		None Found														
Floor		Terrazzo			A	Y		200(7)			SF	V9500	Presumed Asbestos		Presumed Asbestos	NF
Mechanical Equipment		None Found														
Piping	Domestic Water (hot And Cold)	Not Insulated														
Structure		Paint		Masonry	A	Y		175(7)			SF	V0085	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Structure	Not Accessible	N/A														
Wall		Concrete (precast)														

Client: Kawartha Pine Ridge District School Board (KPRDSB) **Site: Active Schools** **Building Name: 153 : Courtice Secondary School**

Location: #201 : Dishwashing **Floor: 1** **Room #:** **Area (sqft): 200**

Survey Date: 2010-07-12 **Last Re-Assessment: 2024-12-09**

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Mercury Vapour Lamp	4	EA	V9500	Presumed

Client: Kawartha Pine Ridge District School Board (KPRDSB) **Site: Active Schools** **Building Name: 153 : Courtice Secondary School**

Location: #209 : Roof A **Floor: ROOF** **Room #:** **Area (sqft): 10**

Survey Date: 2010-07-12 **Last Re-Assessment: 2024-12-09**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Other		Roofing material, Roof materials			A	Y		100			SF	S1015ABC	None Detected	N.D.	None	

installed 1992

Client: Kawartha Pine Ridge District School Board (KPRDSB) **Site: Active Schools** **Building Name: 153 : Courtice Secondary School**

Location: #210 : Roof B **Floor: ROOF** **Room #:** **Area (sqft): 7000**

Survey Date: 2010-07-12 **Last Re-Assessment: 2024-12-09**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Other		Tar, Black tar on vent			A	Y		10			SF	S1016AB	None Detected	N.D.	None	
Other[1]		Caulking			A	Y		5			SF	V0000	Non-Asbestos		None	
Other		Roofing material, Roof materials			A	Y		7000(7)			SF	S1014B	Chrysotile	0.5-5%	Confirmed Asbestos	NF

installed 1992

1 - White silicone caulking

Client: Kawartha Pine Ridge District School Board (KPRDSB) **Site: Active Schools** **Building Name: 153 : Courtice Secondary School**
Location: #211 : Roof C **Floor: ROOF** **Room #:** **Area (sqft): 460**
Survey Date: 2010-07-12 **Last Re-Assessment: 2024-12-09**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Other		Roofing material, Roof materials			A	Y		460(7)			SF	S1014C	Chrysotile	0.5-5%	Confirmed Asbestos	NF

installed 1992

Client: Kawartha Pine Ridge District School Board (KPRDSB) **Site: Active Schools** **Building Name: 153 : Courtice Secondary School**
Location: #211 : Roof C **Floor: ROOF** **Room #:** **Area (sqft): 460**
Survey Date: 2010-07-12 **Last Re-Assessment: 2024-12-09**

PAINT								
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard
Structure	Metal	100	100	SF	L0039	Black paint on metal	Pb: 0.53 %	Lead (High)

installed 1992

Client: Kawartha Pine Ridge District School Board (KPRDSB) **Site: Active Schools** **Building Name: 153 : Courtice Secondary School**
Location: #213 : Roof D **Floor: ROOF** **Room #:** **Area (sqft): 400**
Survey Date: 2010-07-12 **Last Re-Assessment: 2024-12-09**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Other		Roofing material, Built up roofing			D	Y		400			SF	S1018ABC	None Detected	N.D.	None	
Wall		Caulking, Grey caulking on flashing			D	Y		30			LF	S1020ABC	None Detected	N.D.	None	

installed 2002 repaired 2019

Client: Kawartha Pine Ridge District School Board (KPRDSB) **Site: Active Schools** **Building Name: 153 : Courtice Secondary School**

Location: #214 : Roof E **Floor: ROOF** **Room #:** **Area (sqft): 422**

Survey Date: 2010-07-12 **Last Re-Assessment: 2024-12-09**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Other		Roofing material, Built up roofing			D	Y		422			SF	S1019ABC	None Detected	N.D.	None	
Wall		Caulking, Grey caulking on flashing			D	Y		20			LF	S1021ABC	None Detected	N.D.	None	

Legend:

Sample number	
S####	Asbestos sample collected
L####	Paint sample collected
P####	PCB sample collected
M####	Mould sample collected
V####	Material is visually identified to be identical to S####
V0000	Known non hazardous material
V9000	Material visually identified as a Hazardous Material
V9500	Material is presumed to be a hazardous material

Units	
SF	Square feet
LF	Linear feet
EA	Each
%	Percentage
LF	Linear feet

Other	
A	Access
V	Visible
AP	Air Plenum
F	Friable material
NF	Non Friable material
PF	Potentially Friable material
Pb	Lead
Hg	Mercury
As	Arsenic
Cr	Chromium

Access	
A	Accessible to all building occupants
B	Accessible to maintenance and operations staff without a ladder
C	Accessible to maintenance and operations staff with a ladder. Also rarely entered, locked areas
D	Not normally accessible

Condition	
Good	No visible damage or deterioration
Fair	Minor, repairable damage, cracking, delamination or deterioration
Poor	Irreparable damage or deterioration with exposed and missing material

Visible	
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).
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.
L	The material is partially visible to view when standing on the floor of the room and requires the removal of a building component (e.g. ceiling system or access panels) to view completely and access. Includes partially viewed access points to crawlspaces, attic spaces, etc. without entering. Observations are limited to the extent visible from the access points.

Air Plenum	
Yes or No	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.

Colour Coding	
	The material is a hazardous material, either by analytical results or by visible identification.
	The material is presumed to be a hazardous material, based on visual appearance, and was not sampled due to limited access or the non-destructive nature of 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

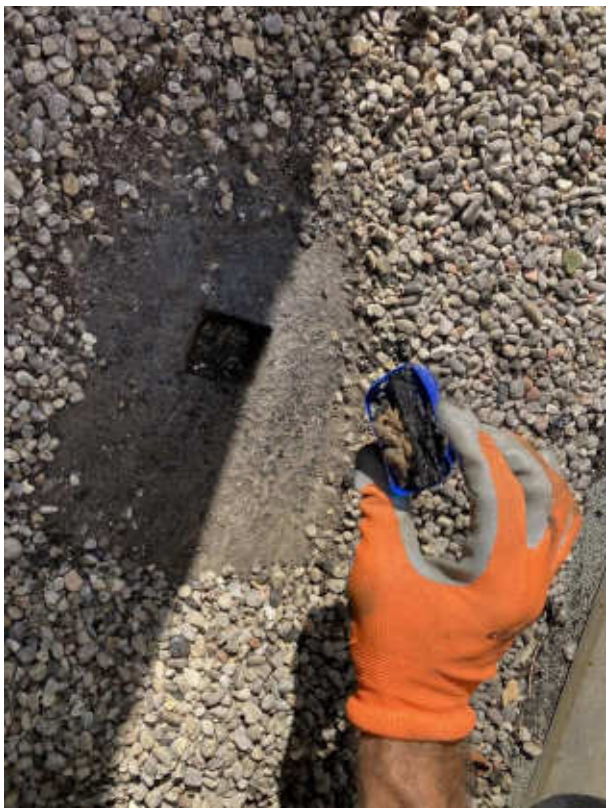
(7) Management program and surveillance

APPENDIX VII
Photographs

V0032 (Non-asbestos), Wall, Plaster, Cafeteria (Location #: 103)
above doors and as bulkheads for windows

S1014B (Confirmed Asbestos), Roof materials, Roof B (Location #: 210)

S1014C (Confirmed Asbestos), Roof materials, Roof C (Location #: 211)



S1015A (Non-asbestos), Roof materials, Roof A (Location #: 209)

S1016A (Non-asbestos), Black tar on vent, Roof B (Location #: 210)

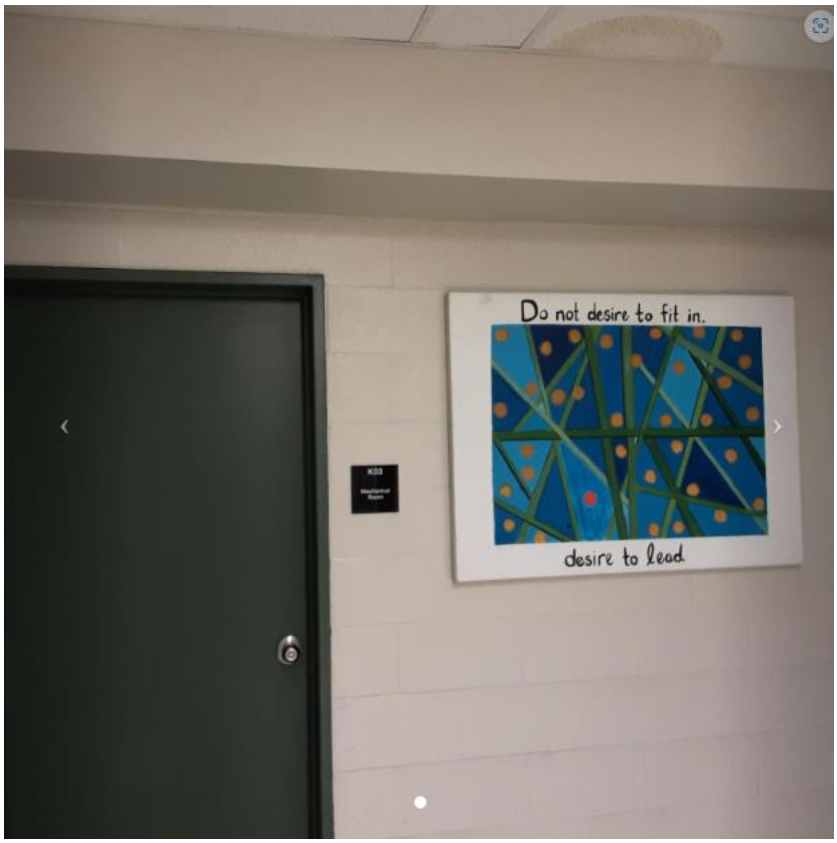
S1018A (Non-asbestos), Roofing materials, Roof D (Location #: 213)

S1019A (Non-asbestos), Roofing materials, Roof E (Location #: 214)

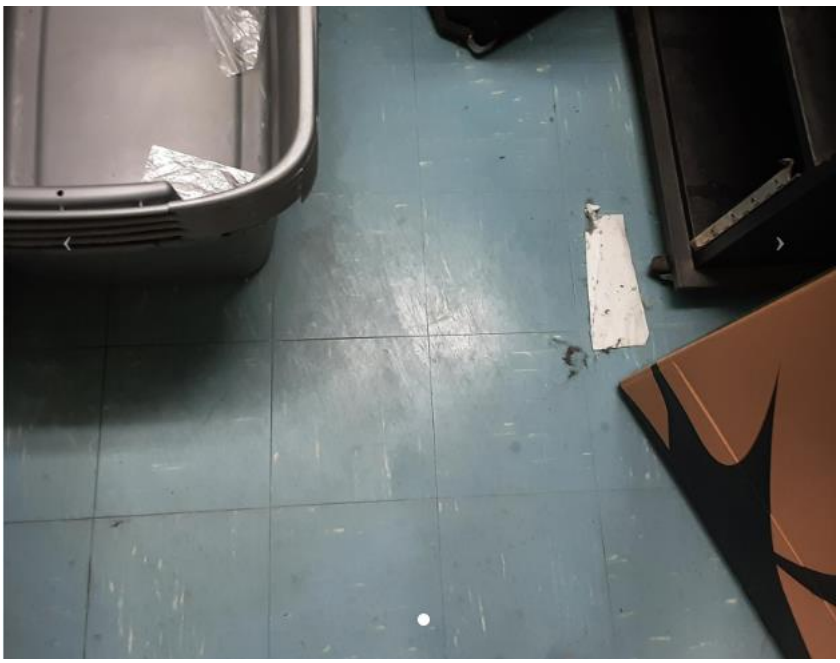
S1020A (Non-asbestos), Grey caulking on flashing, Roof D (Location #: 213)

S1021A (Non-asbestos), Grey caulking on flashing, Roof E (Location #: 214)
Note: adjacent to asbestos-containing cement board

Duct, All, Not Insulated, Cafeteria (Location #: 103)



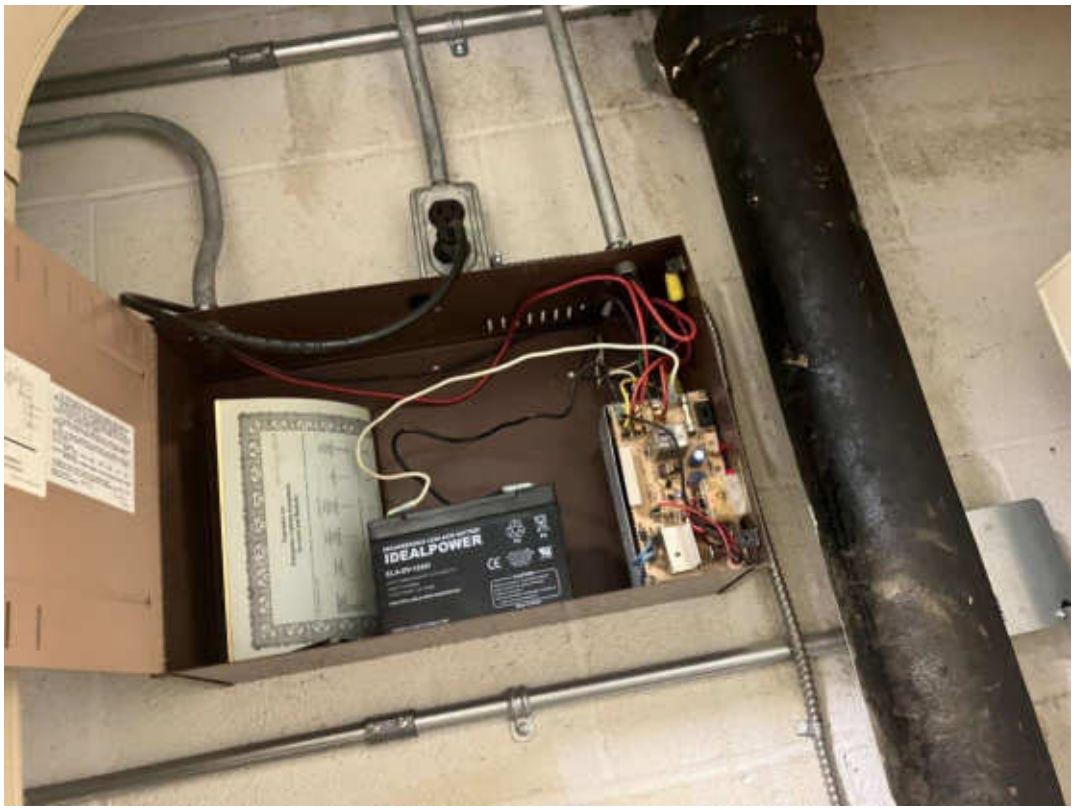
V0011 (Confirmed Asbestos) Drywall and Joint Compound on Bulkhead in Loc. 100



S0025 (Confirmed Asbestos) 9”x9” Blue with White Streak Vinyl Floor Tile and Mastic in Loc. 104

Piping, (non-asbestos) Fibreglass insulation on Rainwater Leader, Staff Room (Location #: 190)

L0039 (Lead) Lead-based paint on metal on exterior of Mechanical Penthouse



Pb (Lead) Products, V9000(Yes), Lead containing Batteries in Emer. Lights, Mechanical Room (Location #: 186)