



August 8, 2024

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

**Re: Hazardous Building Materials Assessment (Pre-Construction)**

Murray Centennial, 654 County Road 40, Trenton, Ontario

Pinchin File: 335495.031

Kawartha Pine Ridge District School Board (Client) retained Pinchin Ltd. (Pinchin) to conduct a hazardous building materials assessment at Murray Centennial located at 654 County Road 40, Trenton, Ontario. Pinchin performed the initial assessment on March 13 and April 15, 2024. Pinchin returned to site on August 1, 2024, at the request of the Client to assess additional areas added to the renovation scope of work. This report has been revised to include the findings of this return site visit. The assessor was unaccompanied during the assessment. The assessed area was unoccupied at the times of the assessment.

The objective of the assessment was to identify specified hazardous building materials in preparation for an upcoming building renovation. The proposed work as identified by the Client includes construction of a one-storey addition along the entire west portion of the building. The proposed work will impact interior and exterior building materials in Classrooms and Corridors along the west elevation of the building (Locations 3, 8, 12, 19, 28, 32, 34, 39, 40, 47, 48, 50, 51, 52, 53, 73, 74, 77 and 81). The western portion of the roof (Locations 86, 87 and 88, approximately 1 metre from the edge) may also be impacted. As noted by the Client however, the extent of impacts to the existing roofing materials is unknown. As such, existing roofing materials were not assessed as part of this work.

The assessed area is limited to the portion of the building to be renovated, as described by the Client, and identified in the drawings in Appendix I.

## 1.0 SUMMARY OF FINDINGS

- The following materials were confirmed or presumed to contain asbestos:
  - Vinyl floor tiles
  - Caulking
  - Light green paint on concrete block
  - Cement (Transite) pipes and panels
  - Mastic concealed behind tackboards



- Brick/Block Mortar
- Roof materials
- Lead is present in paints and coatings.
- Solid lead is present in batteries of emergency lights.
- Crystalline silica is present in concrete and other materials such as masonry, and ceramic tiles.
- Mercury vapour is present in lamp tubes.
- No PCB-containing items were identified.
- No mould or water damage was identified during the assessment.

## **2.0 RECOMMENDATIONS**

### **2.1 General**

Prepare 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.

### **2.2 Project Work**

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

#### *2.2.1 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.



**2.2.2 Lead**

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

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

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

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

**2.2.3 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.

**2.2.4 Mercury**

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

**2.2.5 PCBs**

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

**3.0 BACKGROUND INFORMATION**

**3.1 Assessed Area Description Summary**

Description Item	Details
Building Use	Elementary School
Floors Above Grade	1



Description Item	Details
Total Area (square feet)	The total area of the building is 41,029 square feet. The assessed area is ~29,805 square feet.
Year of Construction	The building was constructed in 1961 with additions constructed in 1972 and 2014.
Structure	Structural steel and concrete
Exterior Cladding	Brick, fascia panels
HVAC	Boiler and hot water heating to radiators
Roof	Built-up roofing (not assessed)
Flooring	Vinyl floor tile, terrazzo, ceramic tiles, concrete, and wood
Wall and Ceiling Finishes	Drywall, concrete block, wallboard, wood, acoustic ceiling tiles

### 3.2 Existing Reports

#### 3.2.1 Review of Previous Reports

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

- “Asbestos Assessment, Kawartha Pine Ridge District School Board, Murray Centennial Public School, R.R. # 1, 654 County Road 40, Trenton, Ontario”, dated August 30, 2010, Pinchin File 59723.
- “Hazardous Building Materials Assessment (Pre-construction), Murray Centennial Public School, 654 County Road 40, Trenton, Ontario”, dated April 18, 2023, Pinchin File 319531.
- “Asbestos Reassessment, Murray Centennial Public School, 654 County Road 40, Trenton, Ontario”, dated August 31, 2023, Pinchin File 315813.

### 4.0 FINDINGS

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

#### 4.1 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.





**Hazardous Building Materials Assessment (Pre-Construction)**

Murray Centennial, 654 County Road 40, Trenton, ON  
Kawartha Pine Ridge District School Board

August 8, 2024  
Pinchin File: 335495.031

Sample Number	Material Description	Type of Asbestos	Confirmed Hazard	Total Quantity Present	Material Specific Notes
<b>Drywall Joint Compound</b>					
S0001	Wall   Drywall and joint compound	Chrysotile	Yes	15 SF	1961 Phase
S0034	Ceiling   Drywall and joint compound	None Detected	No	400 SF	1972 Phase
S0037	Wall   Drywall and joint compound	None Detected	No	160 SF	1972 Phase
V0000	Ceiling   Drywall and joint compound	None	No	1,500 SF	2014 Phase (Loc. 77)
V0000	Wall   Drywall and joint compound	None	No	3,300 SF	2014. Phase See Site Specific Note #2
<b>Vinyl Floor Tiles &amp; Mastic</b>					
S0006	Floor   Vinyl Floor Tile   12"x12" off white with olive green streaks	Chrysotile	Yes	600 SF	Not part of scope – Not Anticipated to be Impacted
V0007	Floor   Vinyl Floor Tile   9"x9" off white with brown streaks	Chrysotile	Yes	150 SF	Not part of scope - Not Anticipated to be Impacted
V0010	Floor   Vinyl Floor Tile   12"x12" off white with black and grey specs	Chrysotile	Yes	100 SF	-
S0079 ABC	Floor   Vinyl Floor Tile and Mastic   12"x12" off-white with brown specks	None Detected	No	2,000 SF	-
S0081 ABC	Floor   Vinyl Floor Tile and Mastic   12"x12" white with grey splotch	None Detected	No	1,200 SF	-
V0000	Floor   Vinyl Floor Tile and Mastic   12"x12" white with grey flecks	None	No	1,000 SF	-
<b>Acoustic Ceiling Tiles</b>					
V0009	Ceiling   Ceiling Tiles (lay-in)	None Detected	No	50 SF	-



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Sample Number	Material Description	Type of Asbestos	Confirmed Hazard	Total Quantity Present	Material Specific Notes
V0000	Ceiling   Ceiling Tiles (lay-in)   24"X48" large ridge with scattered pinhole	None	No	15,635 SF	-
<b>Pipe Insulations</b>					
V0011	Piping   Parging Cement	Chrysotile	Yes	9 EA	Loc. 19 Only
V9000	Piping   Cement Product	Confirmed Asbestos	Yes	43 LF	Stamped Transite – Visible in Loc. 50,51,52
<b>Caulking</b>					
S0027 ABC	Other   White Caulking	None Detected	No	40 LF	Around Windows
S0031 ABC	Other, Wall   Yellow beige Caulking	None Detected	No	20 LF	From Interior Countertops
<b>S0032 AB</b>	<b>Other   White Caulking   January 29, 2018, b183519</b>	<b>Chrysotile</b>	<b>Yes</b>	<b>112 LF</b>	<b>Caulking on N exit door in Corridor H3</b>
S0040 ABC	Other   Caulking   Grey caulking	None Detected	No	20 LF	On Door
S0043 ABC	Other   Caulking   Caulking	None Detected	No	20 LF	On Exterior of Door
S0044 ABC	Other   White caulking	None Detected	No	102 LF	Interior Door Frame
S0046 ABC	Other   Dark grey Caulking	None Detected	No	20 LF	On Exterior Door
<b>S0048 ABC</b>	<b>Other   Caulking   White caulking on fascia</b>	<b>Chrysotile</b>	<b>Yes</b>	<b>70 LF</b>	<b>On Exterior Wall (Loc. 81), 1972 phase</b>
S0068 ABC	Other   White Caulking	None Detected	No	200 LF	Around Door Frames
S0069 ABC	Other   Brown caulking	None Detected	No	50 LF	2014 Addition Exterior (Loc. 89), Expansion joints & Exterior Door Frame
S0071 ABC	Other   White Caulking	None Detected	No	10 LF	2014 Addition Exterior (Loc. 89), On exterior brick



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Sample Number	Material Description	Type of Asbestos	Confirmed Hazard	Total Quantity Present	Material Specific Notes
S0074 ABC	Other   Tar	None Detected	No	5 LF	On Roof H (Loc. 86) On Vents
S0075 ABC	Other   Grey Caulking	None Detected	No	10 LF	On Roof H (Loc. 86) On flashing
S0076 ABC	Other   Grey Caulking	None Detected	No	10 LF	On Roof G (Loc. 87) On Flashing
S0077 ABC	Other   Brown Caulking	None Detected	No	10 LF	On Roof F2 (Loc. 88) On Flashing
S0078 ABC	Other   Tar	None Detected	No	10 LF	On Roof F2 (Loc. 88) On Vents
<b>Baseboard Adhesives &amp; Other Mastics</b>					
S0028 ABC	Other   Baseboard Adhesive	Chrysotile	No	30 LF	See Site Specific Note #1
S0029 ABC	Other   Mastic   Sink	None Detected	No	3 EA	-
S0035	Wall   Baseboard Adhesive	None Detected	No	15 LF	-
S0045 ABC	Other   Baseboard Adhesive	None Detected	No	600 LF	Behind Black Rubber Baseboards
S0067 ABC	Wall   Beige baseboard Adhesive	None Detected	No	100 LF	-
S0082 ABC	Wall   Light grey caulking	None Detected	No	20 LF	Along Window Cages
V9500	Other   Chalkboard /tack board mastic	Presumed Asbestos	Yes	30 EA	Concealed. Locations 40,50,51,52,53
<b>Masonry Paint</b>					
S0033 B	Wall   Off-white paint	None Detected	No	1,600 SF	On Masonry, 1972 Phase
S0042 ABC	Wall  White paint	None Detected	No	8,000 SF	On Concrete Block, 1972 Phase
S0066 ABCDE	Other   Off-white paint	None Detected	No	2,500 SF	On Masonry, 2014 Phase
S0084 ABC	Wall   Off-white paint	None Detected	No	5,780 SF	On Masonry, 1961 Phase



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Sample Number	Material Description	Type of Asbestos	Confirmed Hazard	Total Quantity Present	Material Specific Notes
S0085 ABC	Wall   Paint   Off white	Trace (<0.5% Chrysotile)	No	2000 SF	On Masonry, 1961 Phase. See Site Specific Note #1
<b>S0086 ABC</b>	<b>Wall   Light green paint</b>	<b>Chrysotile</b>	<b>Yes</b>	<b>500 SF</b>	On Masonry, 1961 Phase
S0087 ABC	Wall   Paint	Trace (<0.5% Chrysotile)	No	500 SF	On Masonry, 1961 Phase. See Site Specific Note #1
<b>Duct Mastics</b>					
S0039 A	Duct   Grey duct mastic	None Detected	No	40 LF	-
S0065 ABC	Duct   Duct mastic	None Detected	No	20 LF	-
S0072 ABC	Duct   White Duct caulking	None Detected	No	5 LF	On Roof H (Location 86)
S0073 ABC	Duct   Grey duct mastic	None Detected	No	20 LF	On Roof H (Location 86)
S0083 ABC	Duct   Grey duct mastic	None Detected	No	35 LF	-
<b>Other Materials</b>					
S0041 ABC	Floor   Terrazzo	None Detected	No	800 SF	-
S0047 ABC	Wall   Brick masonry mortar	None Detected	No	400 SF	1972 Phase
S0050 ABC	Other   Clear pebbled rock fascia panels	None Detected	No	1,200 SF	-
S0049 ABC	Structure   White pebbled panels on soffit	None Detected	No	50 SF	-
S0070 ABC	Ceiling   Texture Coat   Texture coat on soffit	None Detected	No	50 SF	2014 Addition Exterior (Location 89)
S0080 ABC	Other   Brown firestopping (mastic)	None Detected	No	1 SF	-
<b>V9500</b>	<b>Wall   Mortar</b>	<b>Presumed Asbestos</b>	<b>Yes</b>	<b>1,000 SF</b>	-



Sample Number	Material Description	Type of Asbestos	Confirmed Hazard	Total Quantity Present	Material Specific Notes
V9500	Other   Cement Product	Presumed Asbestos	Yes	1,300 SF	Transite Panels on Soffit and Fascia on the Exterior Wall for Renovation (Location 81)
V9500	Other   Cement Product	Presumed Asbestos	Yes	50 SF	Transite Panels on Soffit on the 2014 Addition Exterior (Location 89)
V9500	Floor   Terrazzo	Presumed Asbestos	Yes	8,900 SF	In the 2014 Phase
V9500	Floor   Mastic	Presumed Asbestos	Yes	925 SF	-
V9500	Floor   Mortar	Presumed Asbestos	Yes	700 SF	Thinset under ceramic floor tiles, (Locations 34,39,48,77)
V9500	Floor   Mortar	Presumed Asbestos	Yes	1,000 SF	Thinset behind ceramic wall tiles, (Locations 39,73,74,77)
V9500	Floor   Roofing material	Presumed Asbestos	Yes	11,000 SF	Built Up Roofing
V0000	Floor   Epoxy	None	No	80 SF	-
V0000	Wall   Plastic Laminate	None	No	10 SF	Wall Board

**Material/Site Specific Notes:**

1. As per Ontario Regulation 278/05 an asbestos-containing material is a material is defined as containing 0.5% or more asbestos by dry weight. Trace amounts of chrysotile were detected in this sample (<0.5%) and as such, this material is not considered an asbestos-containing material.
2. Asbestos-containing drywall and joint compound was previously sampled in Kindergarten Room 115 (Location 39), however, due to abatement and renovations completed in 2018, all drywall and joint compound from this room is assumed to be non-asbestos based on installation date. Asbestos containing drywall joint compound was banned in 1980 in Ontario.



3. Ontario Due to the nature of building construction, it was not possible to locate and sample all spray-applied insulation and any residual overspray remaining in the building without extensive and exhaustive demolition. Spray-applied insulation and residual overspray may be present within concealed areas, including but not limited to cavities, shafts, walls, behind finishes, structural components, ducts, pipes, electrical equipment, etc.
4. Due to the nature of construction, it was not possible to locate and sample all texture finish and any residual overspray without extensive and exhaustive demolition. Such texture finish and residual overspray may be present within concealed areas, including but not limited to cavities, shafts, walls, behind finishes, structural components, ducts, pipes, electrical equipment, etc.
5. Limited demolition of masonry block walls (core holes) was conducted to investigate for loose fill vermiculite insulation. Loose fill vermiculite was not identified.

**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 V9000 were observed to be present and were determined to contain asbestos based on previous analytical results, or labelling (e.g., Transite clearly labelled by the manufacturer).
3. 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.

**4.1.1 Excluded Asbestos Materials**

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

- Roofing felts and tar, mastics
- Electrical components
- Fire resistant doors
- Ropes and gaskets in cast-iron bell and spigot joints
- Sealants on pipe threads



**4.2 Lead**

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

The following table summarizes the analytical results of paints sampled.

Sample Number	Material Description	Concentration	Confirmed Hazard	Total Quantity Present	Material Specific Notes
<b>L0001</b>	<b>Structure   Metal   Red paint on structural steel</b>	<b>0.32%</b>	<b>Yes</b>	<b>1,008 SF</b>	1972 Phase
L0002	Ceiling   Masonry   Off-white paint on masonry wall	0.065%	Yes	700 SF	1961 Phase
L0003	Other   Concrete (poured)   Dark blue paint on metal door frame	0.0088%	No	101 SF, 1 EA	1972 Phase
L0004	Ceiling   Drywall and joint compound   White paint on ceilings and wall	<0.0063%	No	4000 SF	1972 Phase
<b>V0005</b>	<b>Wall   Masonry   White paint on ceilings and wall</b>	<b>0.13%</b>	<b>Yes</b>	<b>4,250 SF</b>	<b>1972 Phase</b>
<b>V0011</b>	<b>Wall   Concrete (poured)   White paint on concrete block wall</b>	<b>0.019%</b>	<b>Yes</b>	<b>8500 SF</b>	<b>1972 Phase Locations 34, 39, 40, 48, 50, 51, 52, 53</b>
L0013	Wall   Masonry   Off-white paint on masonry wall	<0.00013%	No	2500 SF	2014 Phase, Location 77
<b>L0014</b>	<b>Wall   Masonry   Light green</b>	<b>1.6%</b>	<b>Yes</b>	<b>500 SF</b>	<b>Above ceiling</b>
<b>L0015</b>	<b>Wall   Masonry   White</b>	<b>0.02%</b>	<b>Yes</b>	<b>500 SF</b>	<b>19631 Phase</b>
V9500	Other   Metal   Brown primer on flashing	Presumed	Presumed	150 SF	Exterior
V9500	Structure   Steel   Red	Presumed	Presumed	500 SF	All Phases

**General Notes:**

1. Results above 0.1% (1,000 mg/kg) are considered lead-containing, and over 0.5% (5,000 mg/kg) are considered lead-based.



2. Results less than or equal to 0.1% (1,000 mg/kg), but equal to or greater than 0.009% (90 mg/kg), are considered low-level lead paints or surface coatings in accordance with the EACC guideline.
3. Paints containing lead less than 0.009% (90 mg/kg) are assumed to be insignificant relating to potential exposure from construction disturbance.
4. Paints identified as Sample Number V9500 were observed to be present and have not been sampled and based on the construction of the building/equipment are assumed to contain lead. Sampling of these materials may be completed prior to disturbance.

*4.2.1 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	13 EA	Within the corridor in the 2014 Phase of Construction, Location 77

**General Notes:**

Items identified as Sample Number V9000 were observed to be present and were determined to contain lead based on visual observation (e.g., bell and spigot joints, lead shielding and flashing).

*4.2.2 Excluded Lead Materials*

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

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

**4.3 Silica**

Crystalline silica is a presumed component of the following materials:

- Poured and pre-cast concrete
- Masonry and mortar
- Ceramic tiles and grout





- Stone (roof ballast)
- Terrazzo

#### 4.4 Mercury

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

Sample Number	Material Description	Confirmed Hazard	Total Quantity Present	Material Specific Notes
V9000	Light Fixture	Yes	202 EA	-

#### General Notes:

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

#### 4.5 Polychlorinated Biphenyls

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

Sample Number	Material Description	Concentration	Confirmed Hazard	Total Quantity Present	Material Specific Notes
P0001	Grey Caulking on Exterior Door	<0.2 mg/kg	No	20 LF	Location 81
P0002	White Caulking on Door Frame	<0.2 mg/kg	No	102 LF	Location 52
P0003	Dark Grey Caulking on Exterior Door	<0.2 mg/kg	No	20 LF	Location 81
P0004	White Caulking between Fascia Panels	<0.2 mg/kg	No	70 LF	Location 81
P0005	Light Grey Caulking along Window Cages	<0.2 mg/kg	No	20 LF	Location 81



Sample Number	Material Description	Concentration	Confirmed Hazard	Total Quantity Present	Material Specific Notes
V0000	Grey Caulking on Door	N/A	No	20 LF	Door Date Stamped 2006, Loc. 48
V0000	Light Ballasts		No	202 EA	T8 tubes present within fixtures.

**General Notes:**

1. Caulking in the table above is not considered a PCB solid based on the threshold (50 mg/kg or ppm).
2. Materials identified as Sample Number V0000 were determined to be non-PCB based on previous analytical results, the manufacture date and regulated restrictions of PCBs. It can also include items that historically may have contained PCBs; however, have been visually identified as non-PCB types (e.g., LED light fixtures).

**4.6 Mould and Water Damage**

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

**5.0 METHODOLOGY**

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.

Pinchin conducted a room-by-room assessment to identify the hazardous building materials as defined in the scope. The assessment was performed to establish the type of specified hazardous building materials, locations and approximate quantities incorporated in the structure(s) and its finishes.

The assessment included limited demolition of wall and ceiling finishes to view concealed conditions at representative areas as permitted by the current building use. Limited destructive testing of flooring was



conducted where possible (under ceramic tiles, carpets, or multiple layers of flooring). Demolition of exterior building finishes, masonry walls (chases, shafts etc.), and structural surrounds was not conducted.

Limited demolition of masonry block walls (core holes) was conducted to investigate for loose fill vermiculite insulation. Sampling of roofing materials was not conducted.

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

## **6.0 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.

## **7.0 LIMITATIONS**

This work was performed subject to the Terms and Limitations presented or referenced in the Master Service Agreement for PUR19-006-RFP effective April 1, 2019, until March 31, 2024

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.

**8.0 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.

Should you have any questions or concerns regarding the contents of this letter, please contact the Project Manager, Tanya Stanisic at 647.502.6665 or tstanisic@pinchin.com.

Sincerely,

**Pinchin Ltd.**

Prepared by:

Project Managed by:

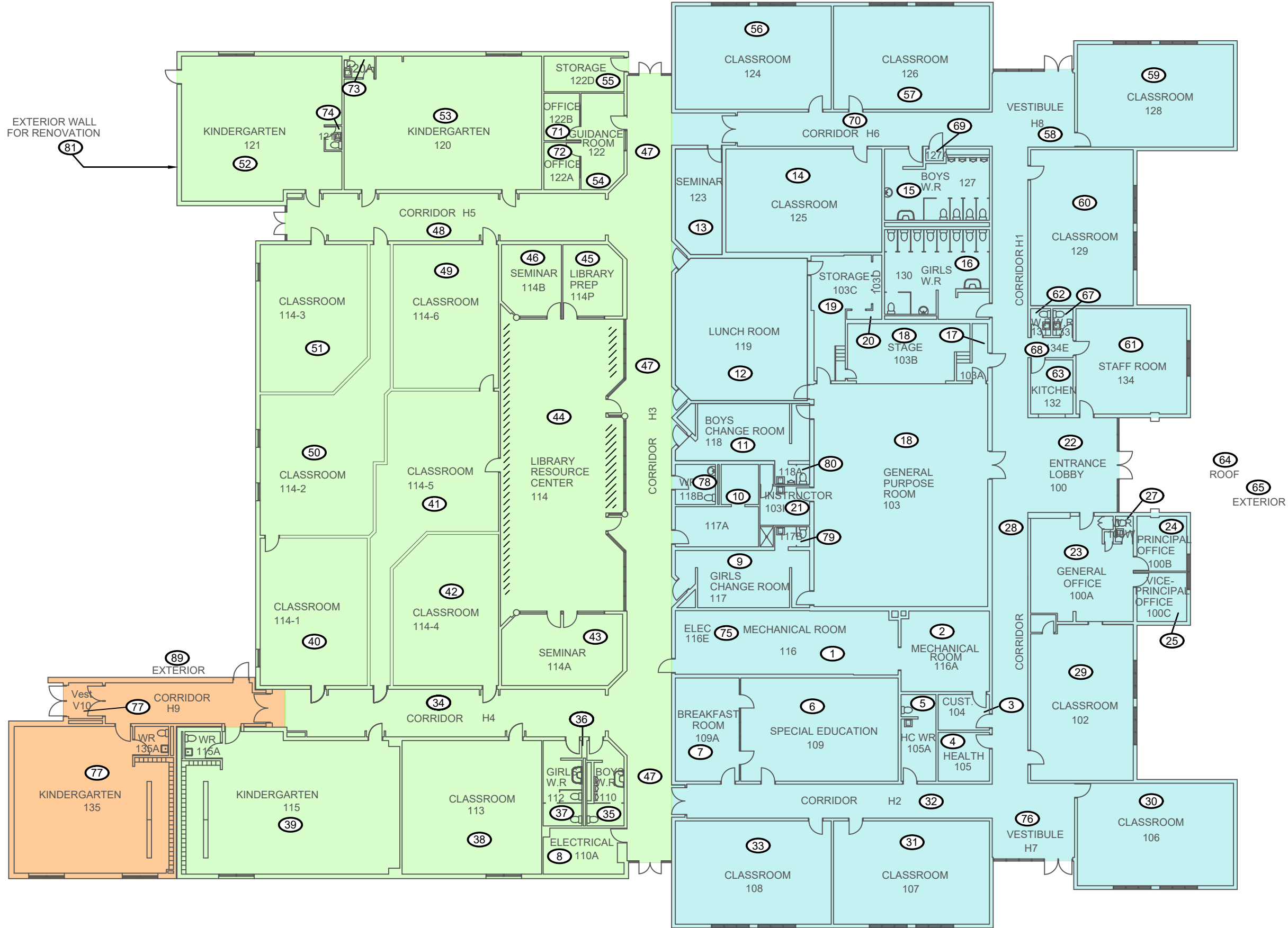
Willis Asiedu  
Senior Project Technologist

Tanya Stanisic  
Operation Manager

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

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KPRDSB,Murraycent,Upgrades,ASB,CONS\Deliverables\HBMA\Revised HBMA (Aug 8, 2024)\335495.031 HBMA MCPS 654 County Rd 40 Trenton ON KPRDSB Aug 8  
2024.Docx  
Template: Master Template HBMA PreConstruction, HMIS, HAZ, March 13, 2024

**APPENDIX I**  
**Drawings**



EXTERIOR WALL FOR RENOVATION

EXTERIOR

ROOF  
EXTERIOR



- LEGEND**
- (X) PINCHIN LOCATION NUMBER
  - 1961 PHASE OF CONSTRUCTION
  - 1972 PHASE OF CONSTRUCTION
  - 2014 PHASE OF CONSTRUCTION

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.



PROJECT NAME:  
**2024 HAZARDOUS BUILDING MATERIALS ASSESSMENT**

CLIENT NAME:  
**KAWARTHA PINE RIDGE DISTRICT SCHOOL BOARD**

PROJECT LOCATION:  
**MURRAY CENTENNIAL PUBLIC SCHOOL  
654 COUNTY ROAD 40  
TRENTON, ONTARIO**

FIGURE NAME:  
**PHASE OF CONSTRUCTION  
GROUND FLOOR**

PROJECT NUMBER: 335495.031	SCALE: NOT TO SCALE
DRAWN BY: MD	REVIEWED BY: WA
DATE: AUG 2024	FIGURE NUMBER: 1 OF 3



- LEGEND**
- (X) PINCHIN LOCATION NUMBER
  - OUTSIDE ASSESSMENT SCOPE
  - ASBESTOS BULK SAMPLE
  - LEAD BULK SAMPLE
  - PCB BULK SAMPLE
  - VERMICULITE DRILLHOLE
  - SURVEY BOUNDARY/ASSESSED AREA
- ASBESTOS-CONTAINING MATERIALS:**
- CAULKING
  - TRANSITE PIPE

FOR CLARITY, THE FOLLOWING ASBESTOS-CONTAINING MATERIALS, ARE PRESENT IN THE ASSESSED AREA, BUT HAVE NOT BEEN HATCHED ON THE DRAWING:

- TERRAZZO
- MASTIC
- CERAMIC TILE THINSET
- LIGHT GREEN PAINT/PRIMER
- DRYWALL JOINT COMPOUND ON WALLS - 1961 PHASE
- VINYL FLOOR TILES
- PARGING CEMENT FITTING - LOC 13
- BASEBOARD ADHESIVE
- TRANSITE SOFFIT
- ROOFING

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.



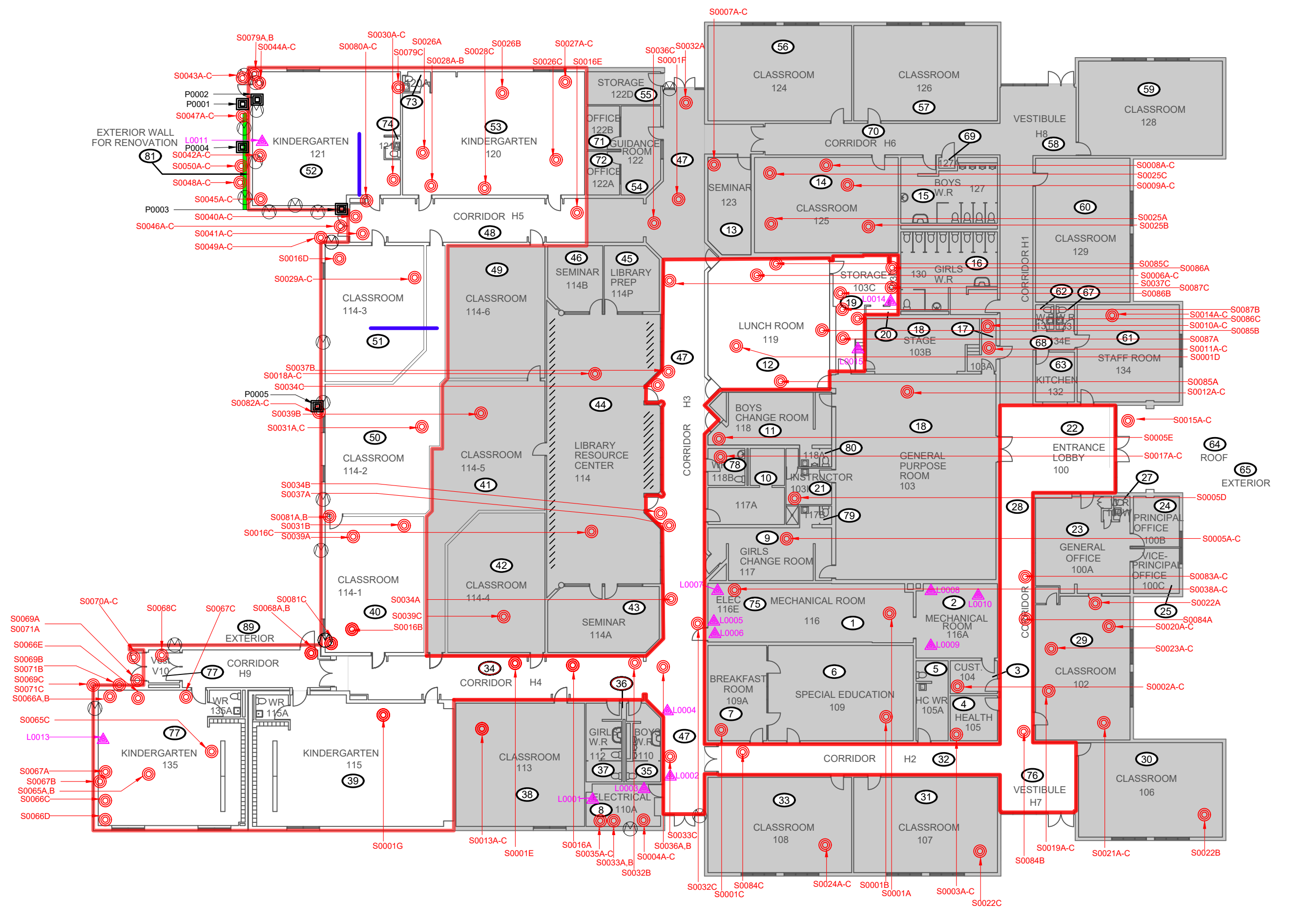
PROJECT NAME:  
**2024 HAZARDOUS BUILDING MATERIALS ASSESSMENT**

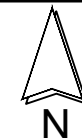
CLIENT NAME:  
**KAWARTHA PINE RIDGE DISTRICT SCHOOL BOARD**

PROJECT LOCATION:  
**MURRAY CENTENNIAL PUBLIC SCHOOL  
654 COUNTY ROAD 40  
TRENTON, ONTARIO**










FIGURE NAME:  
**SAMPLE LOCATIONS  
GROUND FLOOR**

PROJECT NUMBER: 335495.031	SCALE: NOT TO SCALE
DRAWN BY: MD	REVIEWED BY: WA
DATE: AUG 2024	FIGURE NUMBER: 2 OF 3





**LEGEND**

-  PINCHIN LOCATION NUMBER
  -  OUTSIDE ASSESSMENT SCOPE
  -  ASBESTOS BULK SAMPLE
  -  LEAD BULK SAMPLE
  -  PCB BULK SAMPLE
  -  VERMICULITE DRILLHOLE
  -  SURVEY BOUNDARY/ASSESSED AREA
- ASBESTOS-CONTAINING MATERIALS:
-  CAULKING
  -  TRANSITE PIPE

FOR CLARITY, THE FOLLOWING ASBESTOS-CONTAINING MATERIALS, ARE PRESENT IN THE ASSESSED AREA, BUT HAVE NOT BEEN HATCHED ON THE DRAWING:

- TERRAZZO
- MASTIC
- CERAMIC TILE THINSET
- LIGHT GREEN PAINT/PRIMER
- DRYWALL JOINT COMPOUND ON WALLS - 1961 PHASE
- VINYL FLOOR TILES
- PARING CEMENT FITTING - LOC 13
- BASEBOARD ADHESIVE
- TRANSITE SOFFIT
- ROOFING

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.



PROJECT NAME:  
2024 HAZARDOUS BUILDING MATERIAL ASSESSMENT

CLIENT NAME:  
KAWARTHA PINE RIDGE DISTRICT SCHOOL BOARD

PROJECT LOCATION:  
MURRAY CENTENNIAL PUBLIC SCHOOL  
654 COUNTY ROAD 40  
TRENTON, ONTARIO

FIGURE NAME:  
ROOF

PROJECT NUMBER:  
335495.031

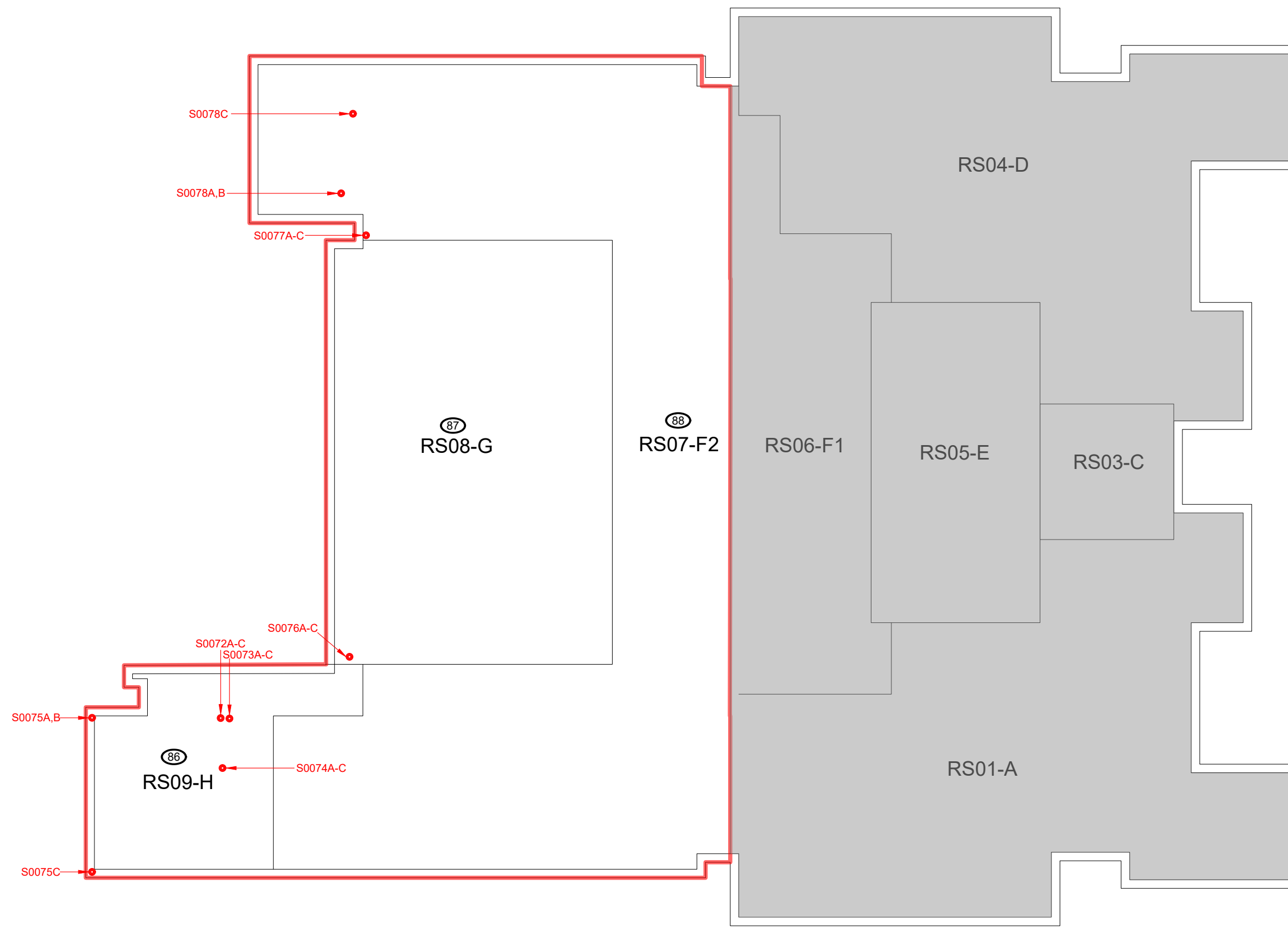
SCALE:  
NOT TO SCALE

DRAWN BY:  
MD

REVIEWED BY:  
WA

DATE:  
AUG 2024

FIGURE NUMBER:  
3 OF 3





**APPENDIX II-A**  
**Asbestos Analytical Certificates**



# Bulk Asbestos Analysis

By Polarized Light Microscopy  
EPA Method: 600/R-93/116 and 600/M4-82-020



**Customer:** Pinchin Environmental Ltd  
380 Armour Rd Suite 101  
Peterborough, ON K9H 7L7

**Attn:** Tiffany Smith

**Lab Order ID:** 1006689

**Analysis ID:** 1006689PLM

**Date Received:** 6/21/2010

**Date Reported:** 6/21/2010

**Project:** Kawartha Pine Ridge District School  
Board Murray Centennial PS

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
S001A	Drywall - Mechanical Room - Location 1	None Detected		100% Other	White Non Fibrous Homogeneous
1006689PLM_1					Crushed
S001B	Drywall - Special Education - Location 6	3% Chrysotile		97% Other	White Non Fibrous Homogeneous
1006689PLM_2					Crushed
S001C	Drywall - Location 7	Not Analyzed			
1006689PLM_3					
S001D	Drywall - Location 12	Not Analyzed			
1006689PLM_4					
S001E	Drywall - Location 34	Not Analyzed			
1006689PLM_5					
S001F	Drywall - Corridor H3	Not Analyzed			
1006689PLM_6					
S001G	Drywall - Classroom - Location 39	Not Analyzed			
1006689PLM_7					
S002A - A	Vinyl Floor Tile - Custodian Office - Location 3	None Detected		100% Other	White Non Fibrous Heterogeneous
1006689PLM_8	tile				Dissolved

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAL. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Estimated MDL is 0.5%.

Dorlos Ammerman (69)

Analyst

Nathaniel Durham, MS or Approved Signatory



# Bulk Asbestos Analysis

By Polarized Light Microscopy  
EPA Method: 600/R-93/116 and 600/M4-82-020



**Customer:** Pinchin Environmental Ltd  
380 Armour Rd Suite 101  
Peterborough, ON K9H 7L7

**Attn:** Tiffany Smith

**Lab Order ID:** 1006689

**Analysis ID:** 1006689PLM

**Date Received:** 6/21/2010

**Project:** Kawartha Pine Ridge District School  
Board Murray Centennial PS

**Date Reported:** 6/21/2010

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
S002A - B	Vinyl Floor Tile - Custodian Office - Location 3	None Detected		100% Other	Yellow Non Fibrous Heterogeneous
1006689PLM_49	yellow mastic small sample				Dissolved
S002B - A	Vinyl Floor Tile - Custodian Office - Location 3	None Detected		100% Other	White Non Fibrous Heterogeneous
1006689PLM_9	tile				Dissolved
S002B - B	Vinyl Floor Tile - Custodian Office - Location 3	None Detected	5% Cellulose	95% Other	Tan, Black Non Fibrous Heterogeneous
1006689PLM_50	black mastic/leveling		Dissolved		
S002C - A	Vinyl Floor Tile - Custodian Office - Location 3	None Detected		100% Other	White Non Fibrous Heterogeneous
1006689PLM_10	tile				Dissolved
S002C - B	Vinyl Floor Tile - Custodian Office - Location 3	None Detected	5% Cellulose	95% Other	Tan, Black Non Fibrous Heterogeneous
1006689PLM_51	black mastic/leveling		Dissolved		
S003A	Vinyl Floor Tile - Health Room - Location 4	None Detected		100% Other	Gray, White Non Fibrous Heterogeneous
1006689PLM_11	tile only				Dissolved
S003B	Vinyl Floor Tile - Health Room - Location 4	None Detected		100% Other	Gray, White Non Fibrous Heterogeneous
1006689PLM_12	tile only				Dissolved
S003C	Vinyl Floor Tile - Health Room - Location 4	None Detected		100% Other	Gray, White Non Fibrous Heterogeneous
1006689PLM_13	tile only				Dissolved

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Analyst

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# Bulk Asbestos Analysis

By Polarized Light Microscopy  
EPA Method: 600/R-93/116 and 600/M4-82-020



**Customer:** Pinchin Environmental Ltd  
380 Armour Rd Suite 101  
Peterborough, ON K9H 7L7

**Attn:** Tiffany Smith

**Lab Order ID:** 1006689

**Analysis ID:** 1006689PLM

**Date Received:** 6/21/2010

**Date Reported:** 6/21/2010

**Project:** Kawartha Pine Ridge District School  
Board Murray Centennial PS

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
S004A - A	Vinyl Floor Tile - Storage Room 110A - Location 8	3% Chrysotile		97% Other	White Non Fibrous Heterogeneous
1006689PLM_14	tile				Dissolved
S004A - B	Vinyl Floor Tile - Storage Room 110A - Location 8	None Detected		100% Other	Black Non Fibrous Heterogeneous
1006689PLM_52	mastic				Dissolved
S004B	Vinyl Floor Tile - Storage Room 110A - Location 8	Not Analyzed			
1006689PLM_15	tile only				
S004C - A	Vinyl Floor Tile - Storage Room 110A - Location 8	Not Analyzed			
1006689PLM_16	tile				
S004C - B	Vinyl Floor Tile - Storage Room 110A - Location 8	None Detected		100% Other	Black Non Fibrous Heterogeneous
1006689PLM_54	mastic				Dissolved
S005A - A	Plaster - Girls Washroom Ceiling - Location 9	None Detected		100% Other	White Non Fibrous Heterogeneous
1006689PLM_17	finish				Crushed
S005A - B	Plaster - Girls Washroom Ceiling - Location 9	None Detected	2% Cellulose	98% Other	Gray Non Fibrous Heterogeneous
1006689PLM_55	base				Crushed
S005B - A	Plaster - Girls Washroom Ceiling - Location 9	4% Chrysotile		96% Other	White Non Fibrous Heterogeneous
1006689PLM_18	finish				Crushed

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Dorlos Ammerman (69)

Analyst

Nathaniel Durham, MS or Approved Signatory



# Bulk Asbestos Analysis

By Polarized Light Microscopy  
EPA Method: 600/R-93/116 and 600/M4-82-020



**Customer:** Pinchin Environmental Ltd  
380 Armour Rd Suite 101  
Peterborough, ON K9H 7L7

**Attn:** Tiffany Smith

**Lab Order ID:** 1006689

**Analysis ID:** 1006689PLM

**Date Received:** 6/21/2010

**Date Reported:** 6/21/2010

**Project:** Kawartha Pine Ridge District School  
Board Murray Centennial PS

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
S005B - B	Plaster - Girls Washroom Ceiling - Location 9	None Detected	2% Cellulose	98% Other	Gray Non Fibrous Heterogeneous
1006689PLM_56	base				Crushed
S005C - A	Plaster - Boys Change Room - Location 11	Not Analyzed			
1006689PLM_19	finish				
S005C - B	Plaster - Boys Change Room - Location 11	None Detected	2% Cellulose	98% Other	Gray Non Fibrous Heterogeneous
1006689PLM_57	base				Crushed
S005D - A	Plaster - Storage - Location 21	Not Analyzed			
1006689PLM_20	finish				
S005D - B	Plaster - Storage - Location 21	None Detected	2% Cellulose	98% Other	Gray Non Fibrous Heterogeneous
1006689PLM_58	base				Crushed
S005E - A	Plaster - Boys Change Room - Location 11	Not Analyzed			
1006689PLM_21	finish				
S005E - B	Plaster - Boys Change Room - Location 11	None Detected	2% Cellulose	98% Other	Gray Non Fibrous Heterogeneous
1006689PLM_59	base				Crushed
S006A - A	Vinyl Floor Tile - Small Gym - Location 12	3% Chrysotile		97% Other	White Non Fibrous Heterogeneous
1006689PLM_22	tile				Dissolved

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Analyst

Nathaniel Durham, MS or Approved Signatory



# Bulk Asbestos Analysis

By Polarized Light Microscopy  
EPA Method: 600/R-93/116 and 600/M4-82-020



**Customer:** Pinchin Environmental Ltd  
380 Armour Rd Suite 101  
Peterborough, ON K9H 7L7

**Attn:** Tiffany Smith

**Lab Order ID:** 1006689

**Analysis ID:** 1006689PLM

**Date Received:** 6/21/2010

**Date Reported:** 6/21/2010

**Project:** Kawartha Pine Ridge District School  
Board Murray Centennial PS

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
S006A - B	Vinyl Floor Tile - Small Gym - Location 12	None Detected	5% Cellulose	95% Other	Tan Non Fibrous Heterogeneous
1006689PLM_60	leveling				Crushed
S006B - A	Vinyl Floor Tile - Small Gym - Location 12	Not Analyzed			
1006689PLM_23	tile				
S006B - B	Vinyl Floor Tile - Small Gym - Location 12	None Detected	5% Cellulose	95% Other	Yellow Non Fibrous Heterogeneous
1006689PLM_61	mastic				Dissolved
S006C - A	Vinyl Floor Tile - Small Gym - Location 12	Not Analyzed			
1006689PLM_24	tile				
S006C - B	Vinyl Floor Tile - Small Gym - Location 12	None Detected	5% Cellulose	95% Other	Yellow Non Fibrous Heterogeneous
1006689PLM_62	mastic				Dissolved
S007A	Vinyl Floor Tile - Storage Room - Location 13	3% Chrysotile		97% Other	White Non Fibrous Heterogeneous
1006689PLM_25	tile only				Dissolved
S007B	Vinyl Floor Tile - Storage Room - Location 13	Not Analyzed			
1006689PLM_26					
S007C	Vinyl Floor Tile - Storage Room - Location 13	Not Analyzed			
1006689PLM_27					

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Analyst

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# Bulk Asbestos Analysis

By Polarized Light Microscopy  
EPA Method: 600/R-93/116 and 600/M4-82-020



**Customer:** Pinchin Environmental Ltd  
380 Armour Rd Suite 101  
Peterborough, ON K9H 7L7

**Attn:** Tiffany Smith

**Lab Order ID:** 1006689

**Analysis ID:** 1006689PLM

**Date Received:** 6/21/2010

**Date Reported:** 6/21/2010

**Project:** Kawartha Pine Ridge District School  
Board Murray Centennial PS

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
S008A - A	Vinyl Floor Tile - Classroom - Location 14	None Detected		100% Other	White Non Fibrous Heterogeneous
1006689PLM_28	tile				Dissolved
S008A - B	Vinyl Floor Tile - Classroom - Location 14	None Detected		100% Other	Yellow Non Fibrous Heterogeneous
1006689PLM_63	mastic				Dissolved
S008B - A	Vinyl Floor Tile - Classroom - Location 14	None Detected		100% Other	White Non Fibrous Heterogeneous
1006689PLM_29	tile				Dissolved
S008B - B	Vinyl Floor Tile - Classroom - Location 14	None Detected		100% Other	Yellow Non Fibrous Heterogeneous
1006689PLM_64	mastic				Dissolved
S008C - A	Vinyl Floor Tile - Classroom - Location 14	None Detected		100% Other	Yellow Non Fibrous Heterogeneous
1006689PLM_30	tile				Dissolved
S008C - B	Vinyl Floor Tile - Classroom - Location 14	None Detected		100% Other	White Non Fibrous Heterogeneous
1006689PLM_65	mastic				Dissolved
S009A	AT07 - Classroom - Location 14	None Detected	40% Cellulose 40% Mineral Wool	20% Other	Tan Fibrous Heterogeneous
1006689PLM_31					Crushed
S009B	AT07 - Classroom - Location 14	None Detected	40% Cellulose 40% Mineral Wool	20% Other	Tan Fibrous Heterogeneous
1006689PLM_32					Crushed

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Analyst

Nathaniel Durham, MS or Approved Signatory





# Bulk Asbestos Analysis

By Polarized Light Microscopy  
EPA Method: 600/R-93/116 and 600/M4-82-020



**Customer:** Pinchin Environmental Ltd  
380 Armour Rd Suite 101  
Peterborough, ON K9H 7L7

**Attn:** Tiffany Smith

**Lab Order ID:** 1006689

**Analysis ID:** 1006689PLM

**Date Received:** 6/21/2010

**Date Reported:** 6/21/2010

**Project:** Kawartha Pine Ridge District School  
Board Murray Centennial PS

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				
S009C	AT07 - Classroom - Location 14	None Detected	40% Cellulose 40% Mineral Wool	20% Other	Tan Fibrous Heterogeneous
1006689PLM_33					Crushed
S010A - A	Storage 103A - Location 17	3% Chrysotile		97% Other	Tan Non Fibrous Heterogeneous
1006689PLM_34	tile				Dissolved
S010A - B	Storage 103A - Location 17	None Detected		100% Other	Yellow Non Fibrous Heterogeneous
1006689PLM_66	mastic				Dissolved
S010B - A	Storage 103A - Location 17	Not Analyzed			
1006689PLM_35	tile				
S010B - B	Storage 103A - Location 17	None Detected		100% Other	Yellow Non Fibrous Heterogeneous
1006689PLM_67	mastic				Dissolved
S010C - A	Storage 103A - Location 17	Not Analyzed			
1006689PLM_36	tile				
S010C - B	Storage 103A - Location 17	None Detected		100% Other	Yellow Non Fibrous Heterogeneous
1006689PLM_68	mastic				Dissolved
S011A	Parging cement - Storage Room 103A - Location 17	25% Chrysotile	10% Cellulose 10% Fiber Glass	55% Other	Gray Fibrous Heterogeneous
1006689PLM_37					Teased

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Analyst

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# Bulk Asbestos Analysis

By Polarized Light Microscopy  
EPA Method: 600/R-93/116 and 600/M4-82-020



**Customer:** Pinchin Environmental Ltd  
380 Armour Rd Suite 101  
Peterborough, ON K9H 7L7

**Attn:** Tiffany Smith

**Lab Order ID:** 1006689

**Analysis ID:** 1006689PLM

**Date Received:** 6/21/2010

**Project:** Kawartha Pine Ridge District School  
Board Murray Centennial PS

**Date Reported:** 6/21/2010

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
S011B	Parging cement - Storage Room 103A - Location 17	Not Analyzed			
1006689PLM_38					
S011C	Parging cement - Storage Room 103A - Location 17	Not Analyzed			
1006689PLM_39					
S012A	Vinyl Floor Tile - Gym - Location 18	None Detected		100% Other	White Non Fibrous Heterogeneous
1006689PLM_40	tile only				Dissolved
S012B - A	Vinyl Floor Tile - Gym - Location 18	None Detected		100% Other	White Non Fibrous Heterogeneous
1006689PLM_41	tile				Dissolved
S012B - B	Vinyl Floor Tile - Gym - Location 18	None Detected	5% Cellulose	95% Other	Tan, Black Non Fibrous Heterogeneous
1006689PLM_69	mastic/leveling		Dissolved		
S012C - A	Vinyl Floor Tile - Gym - Location 18	None Detected		100% Other	White Non Fibrous Heterogeneous
1006689PLM_42	tile				Dissolved
S012C - B	Vinyl Floor Tile - Gym - Location 18	None Detected	5% Cellulose	95% Other	Tan, Black Non Fibrous Heterogeneous
1006689PLM_70	mastic/leveling		Dissolved		
S013A	AT11 - Classroom - Location 38	3% Chrysotile	77% Mineral Wool 10% Cellulose	10% Other	White Fibrous Heterogeneous
1006689PLM_43			Crushed		

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**Analysis ID:** 1006689PLM

**Date Received:** 6/21/2010

**Project:** Kawartha Pine Ridge District School  
Board Murray Centennial PS

**Date Reported:** 6/21/2010

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
S013B	AT11 - Classroom - Location 38	Not Analyzed			
1006689PLM_44					
S013C	AT11 - Classroom - Location 38	Not Analyzed			
1006689PLM_45					
S014A	AT12 - Staff Room - Location 61	3% Chrysotile	77% Mineral Wool 10% Cellulose	10% Other	White Fibrous Heterogeneous
1006689PLM_46					Crushed
S014B	AT12 - Staff Room - Location 61	Not Analyzed			
1006689PLM_47					
S014C	AT12 - Staff Room - Location 61	Not Analyzed			
1006689PLM_48					

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAL. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Estimated MDL is 0.5%.

Dorlos Ammerman (69)

Analyst

Nathaniel Durham, MS or Approved Signatory

1006689

Client:	Pinchin Environmental	<b>Instructions:</b> Use Column B1 for your contact info. To See the Standard Checklist Follow Example 111. Enter Sample Description in column B2. Sample with a - Above the first sample and with a - Below the last sample. Enter your date on the last sheet. Sheet 1.
Contact:	Tiffany Smith	
Address:	380 Armour Road, Suite 101, Peterborough, Ontario Canada R9H 7L7	Note: Date Time Date is required fields that do not show upon printing will be marked as missing information.
Phone:	(705) 748-4627	
Fax:	(705) 748-6927	
Email:	<a href="mailto:mwilson@pinchin.com">mwilson@pinchin.com</a>	
Project:	Kawartha Pine Ridge District School Board	
Client Address:	Murray Centennial P.S.	
Client Notes:	Stop on Positive	
P.D. #:		59723
Date Submitted:		6/17/2010 0:00
Analysis:	Asbestos Analysis	
Turnaround Time:	7 days	

**Sample Number      Data 1      Sample Description**

Sample Number	Data 1	Sample Description
<<		
S001A		Drywall - Mechanical Room - Location 1
S001B		Drywall - Special Education - Location 6
S001C		Drywall - Location 7
S001D		Drywall - Location 12
S001E		Drywall - Location 34
S001F		Drywall - Corridor H3
S001G		Drywall - Classroom - Location 39
S002A	12 x 12 White with black spots	Vinyl Floor Tile - Custodian Office - Location 3
S002B	12 x 12 White with black spots	Vinyl Floor Tile - Custodian Office - Location 3
S002C	12 x 12 White with black spots	Vinyl Floor Tile - Custodian Office - Location 3
S003A	12 x 12 Off white with grey spots	Vinyl Floor Tile - Health Room - Location 4
S003B	12 x 12 Off white with grey spots	Vinyl Floor Tile - Health Room - Location 4
S003C	12 x 12 Off white with grey spots	Vinyl Floor Tile - Health Room - Location 4
S004A	12 x 12 Off white with blue and white streaks	Vinyl Floor Tile - Storage Room 110A - Location 8
S004B	12 x 12 Off white with blue and white streaks	Vinyl Floor Tile - Storage Room 110A - Location 8
S004C	12 x 12 Off white with blue and white streaks	Vinyl Floor Tile - Storage Room 110A - Location 8
S005A		Plaster - Girls Washroom Ceiling - Location 9
S005B		Plaster - Girls Washroom Ceiling - Location 9

Accepted    
 Rejected

*W. Wilson 6-21 9:30A*

1006689

S005C		Plaster - Boys Change Room - Location 11
S005D		Plaster - Storage - Location 21
S005E		Plaster - Boys Change Room - Location 11
S006A	12 x 12 Off white with green and white streaks	Vinyl Floor Tile - Small Gym - Location 12
S006B	12 x 12 Off white with green and white streaks	Vinyl Floor Tile - Small Gym - Location 12
S006C	12 x 12 Off white with green and white streaks	Vinyl Floor Tile - Small Gym - Location 12
S007A	12 x 12 Off white with large green striations	Vinyl Floor Tile - Storage Room - Location 13
S007B	12 x 12 Off white with large green striations	Vinyl Floor Tile - Storage Room - Location 13
S007C	12 x 12 Off white with large green striations	Vinyl Floor Tile - Storage Room - Location 13
S008A	12 x 12 Off white with grey striations	Vinyl Floor Tile - Classroom - Location 14
S008B	12 x 12 Off white with grey striations	Vinyl Floor Tile - Classroom - Location 14
S008C	12 x 12 Off white with grey striations	Vinyl Floor Tile - Classroom - Location 14
S009A	AT07 - 2 x 2 Deep ridges and large pinhole	AT07 - Classroom - Location 14
S009B	AT07 - 2 x 2 Deep ridges and large pinhole	AT07 - Classroom - Location 14
S009C	AT07 - 2 x 2 Deep ridges and large pinhole	AT07 - Classroom - Location 14
S010A	9 x 9 Off white with green streaks	Storage 103A - Location 17
S010B	9 x 9 Off white with green streaks	Storage 103A - Location 17
S010C	9 x 9 Off white with green streaks	Storage 103A - Location 17
S011A		Parging cement - Storage Room 103A - Location 17
S011B		Parging cement - Storage Room 103A - Location 17
S011C		Parging cement - Storage Room 103A - Location 17
S012A	12 x 12 Grey spots	Vinyl Floor Tile - Gym - Location 18
S012B	12 x 12 Grey spots	Vinyl Floor Tile - Gym - Location 18
S012C	12 x 12 Grey spots	Vinyl Floor Tile - Gym - Location 18
S013A	AT11 - 2 x 4 Pinhole swirl pattern	AT11 - Classroom - Location 38
S013B	AT11 - 2 x 4 Pinhole swirl pattern	AT11 - Classroom - Location 38
S013C	AT11 - 2 x 4 Pinhole swirl pattern	AT11 - Classroom - Location 38
S014A	AT12 - 2 x 2 Pinhole swirl pattern	AT12 - Staff Room - Location 61
S014B	AT12 - 2 x 2 Pinhole swirl pattern	AT12 - Staff Room - Location 61
S014C	AT12 - 2 x 2 Pinhole swirl pattern	AT12 - Staff Room - Location 61

>>





## Pinchin Environmental Asbestos Laboratory Certificate of Analysis

<b>Project Name:</b>	<b>Kawartha Pine Ridge District School Board Murray Centennial Public School R.R. #1, 654 County Road 40, Trenton, Ontario</b>		
<b>Project No.:</b>	<b>72034</b>		
<b>Prepared For:</b>	<b>C. Moose / M. Wilson</b>	<b>Date Received:</b>	<b>February 22, 2012</b>
<b>Lab Reference No.:</b>	<b>b87315</b>	<b>Date Analyzed:</b>	<b>February 27, 2012</b>
<b>Analyst(s):</b>	<b>M. Tipgos</b>	<b># Samples submitted:</b>	<b>8</b>
		<b># Phases analyzed:</b>	<b>7</b>

**Method of Analysis:**

**EPA 600/R-93/116 - Method for the Determination of Asbestos in Bulk Building Materials dated July, 1993**

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. The percentage range category reported reflects the level of uncertainty of the method for estimating quantities of asbestos in bulk samples. A reported concentration of less than (<) the regulatory threshold (see chart below) 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 all provincial regulatory requirements (NIOSH 9002, I.R.S.S.T. 244-2). Multiple phases within a sample are analyzed separately.

Provincial Jurisdiction	Regulatory Threshold	Provincial Jurisdiction	Regulatory Threshold
Ontario, British Columbia	0.5%	Manitoba	0.1% friable 1% non-friable
Quebec	0.1%	Saskatchewan	0.1% friable 1% non-friable
Alberta, NWT, Yukon, Nunavut	1%	Atlantic Provinces	1%

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.

Pinchin Environmental Ltd. is accredited by the National Institute of Standards and Technology, National Voluntary Laboratory Accreditation Program (NVLAP Lab Code 101270-0) for the 'EPA-600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples' and meets all requirements of ISO/IEC 17025:2005.

This report relates only to the items tested.

**NOTE:** *This test report may not be reproduced, except in full, without the written approval of the laboratory. The client may not use this report to claim product endorsement by NVLAP or any agency of the U.S. Government. This report is valid only when signed in blue ink by the analyst. Vinyl asbestos floor tiles contain very fine fibres of asbestos and may be missed by some laboratories using the PLM method. Internal verification studies performed by Pinchin indicate that the chance of missing asbestos in floor tiles is no higher than about 2%. Supporting laboratory documentation is available upon request.*



## Pinchin Environmental Asbestos Laboratory Certificate of Analysis

**Project Name:** Kawartha Pine Ridge District School Board  
 Murray Centennial Public School  
 R.R. #1, 654 County Road 40, Trenton, Ontario  
**Project No.:** 72034  
**Prepared For:** C. Moose / M. Wilson  
  
**Lab Reference No.:** b87315  
**Date Analyzed:** February 27, 2012

### BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
0015A Texture Finish - Located on the Exterior Soffit	2 Phases: a) Homogeneous, white, finishing or texture coat.	Chrysotile	< 0.5% Cellulose < 0.5% Non-Fibrous Material > 75%
	b) Homogeneous, grey, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%
0015B Texture Finish - Located on the Exterior Soffit	2 Phases: a) Homogeneous, white, finishing or texture coat.	Chrysotile	< 0.5% Cellulose < 0.5% Non-Fibrous Material > 75%
	b) Homogeneous, grey, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%
0015C Texture Finish - Located on the Exterior Soffit	2 Phases: a) Homogeneous, white, finishing or texture coat.	Chrysotile	< 0.5% Non-Fibrous Material > 75%
	b) Homogeneous, grey, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%
0016A Drywall Joint Compound - Located in Corridor H4, Location # 34	Homogeneous, beige, drywall joint compound.	Chrysotile	0.5-5% Non-Fibrous Material > 75%

ANALYST

*M. Higgan*



## Pinchin Environmental Asbestos Laboratory Certificate of Analysis

**Project Name:** Kawartha Pine Ridge District School Board  
Murray Centennial Public School  
R.R. #1, 654 County Road 40, Trenton, Ontario

**Project No.:** 72034

**Prepared For:** C. Moose / M. Wilson

**Lab Reference No.:** b87315

**Date Analyzed:** February 27, 2012

### BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
0016B Drywall Joint Compound - Located in Classroom 114- 1, Location # 40			Not Analyzed
Comments:	Analysis was stopped due to a previous positive result.		
0016C Drywall Joint Compound - Located in the Library, Location # 44			Not Analyzed
Comments:	Analysis was stopped due to a previous positive result.		
0016D Drywall Joint Compound - Located in Classroom 114- 3, Location # 51			Not Analyzed
Comments:	Analysis was stopped due to a previous positive result.		
0016E Drywall Joint Compound - Located in Corridor H5, Location # 48			Not Analyzed
Comments:	Analysis was stopped due to a previous positive result.		

ANALYST

*M. Higgan*





## Pinchin Environmental Asbestos Laboratory Certificate of Analysis

**Project Name:** Kawartha Pine Ridge District School Board, Murray Centennial Public School, 653 County Road 40, Trenton, Ontario  
**Project No.:** 82274  
**Prepared For:** Chris Moose / Mike Wilson  
**Lab Reference No.:** b100421 Revised  
**Analyst(s):** K. Cockburn-Swance  
**Date Received:** July 10, 2013  
**Date Analyzed:** July 15, 2013  
**# Samples submitted:** 3  
**# Phases analyzed:** 3

**Method of Analysis:**

**EPA 600/R-93/116 - Method for the Determination of Asbestos in Bulk Building Materials dated July, 1993**

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 (see chart below) 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 all provincial regulatory requirements (NIOSH 9002, I.R.S.S.T. 244-2). Multiple phases within a sample are analyzed and reported separately.

Provincial Jurisdiction	Regulatory Threshold	Provincial Jurisdiction	Regulatory Threshold
Ontario, British Columbia	0.5%	Manitoba	0.1% friable 1% non-friable
Quebec	0.1%	Saskatchewan	0.1% friable 1% non-friable
Alberta, NWT, Yukon, Nunavut	1%	Atlantic Provinces	1%

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.

Pinchin Environmental Ltd. is accredited by the National Institute of Standards and Technology, National Voluntary Laboratory Accreditation Program (NVLAP Lab Code 101270-0) for the 'EPA-600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples' and meets all requirements of ISO/IEC 17025:2005.

This report relates only to the items tested.

**NOTE:** *This test report may not be reproduced, except in full, without the written approval of the laboratory. The client may not use this report to claim product endorsement by NVLAP or any agency of the U.S. Government. This report is valid only when signed in blue ink by the analyst. Vinyl asbestos floor tiles contain very fine fibres of asbestos and may be missed by some laboratories using the PLM method. Internal verification studies performed by Pinchin indicate that the chance of missing asbestos in floor tiles is no higher than about 2%. The vinyl tile study and laboratory documentation on measurement uncertainty is available upon request. The analysis of dust samples by PLM cannot be used as an indicator of past or present airborne asbestos fibre levels.*



**Pinchin Environmental Asbestos Laboratory  
Certificate of Analysis**

**Project Name:** Kawartha Pine Ridge District School Board, Murray Centennial Public School, 653 County Road 40, Trenton, Ontario  
**Project No.:** 82274  
**Prepared For:** Chris Moose / Mike Wilson

**Lab Reference No.:** b100421 Revised  
**Date Analyzed:** July 15, 2013

**BULK SAMPLE ANALYSIS**

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
0017A Drywall Joint Compound - Located in Storage 118B.	Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
0017B Drywall Joint Compound - Located in Storage 118B.	Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
0017C Drywall Joint Compound - Located in Storage 118B.	Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%

**ANALYST**



## Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

<b>Project Name:</b>	Kawartha Pine Ridge District School Board, Murray Centennial Public School, 654 County Rd 40, Trenton, ON		
<b>Project No.:</b>	114835		
<b>Prepared For:</b>	R. Northey / M. Wilson	<b>Date Received:</b>	April 22, 2016
<b>Lab Reference No.:</b>	b129266	<b>Date Analyzed:</b>	April 29, 2016
<b>Analyst(s):</b>	K. Cockburn	<b># Samples submitted:</b>	3
		<b># Phases analyzed:</b>	1

**Method of Analysis:**

**EPA 600/R-93/116 - Method for the Determination of Asbestos in Bulk Building Materials dated July, 1993**

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 (see chart below) 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.

Provincial Jurisdiction	Regulatory Threshold	Provincial Jurisdiction	Regulatory Threshold
Ontario, British Columbia, Nova Scotia	0.5%	Manitoba	0.1% friable 1% non-friable
Quebec	0.1%	Saskatchewan	0.5% friable 1% non-friable
Alberta, NWT, Yukon, Nunavut	1%	Newfoundland and Labrador, PEI and New Brunswick	1%

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.

Pinchin Ltd. is accredited by the National Institute of Standards and Technology, National Voluntary Laboratory Accreditation Program (NVLAP Lab Code 101270-0) for the 'EPA-600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples' and meets all requirements of ISO/IEC 17025:2005.

This report relates only to the items tested.

**NOTE:** *This test report may not be reproduced, except in full, without the written approval of the laboratory. The client may not use this report to claim product endorsement by NVLAP or any agency of the U.S. Government. This report is valid only when signed in blue ink by the analyst. Vinyl asbestos floor tiles contain very fine fibres of asbestos and may be missed by some laboratories using the PLM method. Internal verification studies performed by Pinchin indicate that the chance of missing asbestos in floor tiles is no higher than about 2%. The vinyl tile study and laboratory documentation on measurement uncertainty is available upon request. The analysis of dust samples by PLM cannot be used as an indicator of past or present airborne asbestos fibre levels.*



## Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

**Project Name:** Kawartha Pine Ridge District School Board,  
Murray Centennial Public School, 654 County Rd 40, Trenton, ON  
**Project No.:** 114835  
**Prepared For:** R. Northey / M. Wilson  
**Lab Reference No.:** b129266  
**Date Analyzed:** April 29, 2016

### BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
0018A Drywall joint compound, Library Skylight	Homogeneous, off-white, drywall joint compound.	Chrysotile 0.5-5%	Non-Fibrous Material > 75%
Comments:	Drywall is present on the surface of this sample.		
0018B Drywall joint compound, Library Skylight			Not Analyzed
Comments:	Analysis was stopped due to a previous positive result.		
0018C Drywall joint compound, Library Skylight			Not Analyzed
Comments:	Analysis was stopped due to a previous positive result.		

Reviewed by:

Reporting Analyst:



## Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

<b>Project Name:</b>	Kawartha Pine Ridge District School Board, Murray Centennial PS 654 County Road 40, R.R. #1, Trenton, ON		
<b>Project No.:</b>	0200234.000		
<b>Prepared For:</b>	S. Dadhwal / M. Wilson		
<b>Lab Reference No.:</b>	b163460		
<b>Analyst(s):</b>	J. Dacquel		
<b>Date Received:</b>	January 3, 2017	<b># Samples submitted:</b>	21
<b>Date Analyzed:</b>	January 11, 2017	<b># Phases analyzed:</b>	25

**Method of Analysis:**

**EPA 600/R-93/116 - Method for the Determination of Asbestos in Bulk Building Materials dated July, 1993**

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 (see chart below) 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.

Provincial Jurisdiction	Regulatory Threshold	Provincial Jurisdiction	Regulatory Threshold
Ontario, British Columbia, Nova Scotia	0.5%	Manitoba	0.1% friable 1% non-friable
Quebec	0.1%	Saskatchewan	0.5% friable 1% non-friable
Alberta, NWT, Yukon, Nunavut	1%	Newfoundland and Labrador, PEI and New Brunswick	1%

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.

Pinchin Ltd. is accredited by the National Institute of Standards and Technology, National Voluntary Laboratory Accreditation Program (NVLAP Lab Code 101270-0) for the 'EPA-600/M4-82-020: Interim Method for 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 17025:2005.

This report relates only to the items tested.

**NOTE:** *This test report may not be reproduced, except in full, without the written approval of the laboratory. The client may not use this report to claim product endorsement by NVLAP or any agency of the U.S. Government. This report is valid only when signed in blue ink by the analyst. Vinyl asbestos floor tiles contain very fine fibres of asbestos and may be missed by some laboratories using the PLM method. Internal verification studies performed by Pinchin indicate that the chance of missing asbestos in floor tiles is no higher than about 2%. The vinyl tile study and laboratory documentation on measurement uncertainty is available upon request. The analysis of dust samples by PLM cannot be used as an indicator of past or present airborne asbestos fibre levels.*



## Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

**Project Name:** Kawartha Pine Ridge District School Board, Murray Centennial PS  
654 County Road 40, R.R. #1, Trenton, ON

**Project No.:** 0200234.000

**Prepared For:** S. Dadhwal / M. Wilson

**Lab Reference No.:** b163460

**Date Analyzed:** January 11, 2017

### BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
0019A Tac board mastic in Classroom 102	2 Phases: a) Homogeneous, tan, woven, fibrous material on the back of flooring material.	None Detected	Cellulose > 75% Non-Fibrous Material 0.5-5%
	b) Homogeneous, brown, adhesive material.	None Detected	Non-Fibrous Material > 75%
0019B Tac board mastic in Classroom 102	2 Phases: a) Homogeneous, tan, woven, fibrous material on the back of flooring material.	None Detected	Cellulose > 75% Non-Fibrous Material 0.5-5%
	b) Homogeneous, brown, adhesive material.	None Detected	Non-Fibrous Material > 75%
0019C Tac board mastic in Classroom 102	2 Phases: a) Homogeneous, tan, woven, fibrous material on the back of flooring material.	None Detected	Cellulose > 75% Non-Fibrous Material 0.5-5%
	b) Homogeneous, brown, adhesive material.	None Detected	Non-Fibrous Material > 75%
0020A Clear caulking in Classroom 102	Homogeneous, colourless, caulking material.	None Detected	Non-Fibrous Material > 75%
0020B Clear caulking in Classroom 102	Homogeneous, colourless, caulking material.	None Detected	Non-Fibrous Material > 75%



## Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

**Project Name:** Kawartha Pine Ridge District School Board, Murray Centennial PS  
 654 County Road 40, R.R. #1, Trenton, ON  
**Project No.:** 0200234.000  
**Prepared For:** S. Dadhwal / M. Wilson  
  
**Lab Reference No.:** b163460  
**Date Analyzed:** January 11, 2017

### BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
0020C Clear caulking in Classroom 102	Homogeneous, colourless, caulking material.	None Detected	Non-Fibrous Material > 75%
0021A Yellow caulking in Classroom 102	Homogeneous, yellow, caulking material.	None Detected	Non-Fibrous Material > 75%
0021B Yellow caulking in Classroom 102	Homogeneous, yellow, caulking material.	None Detected	Non-Fibrous Material > 75%
0021C Yellow caulking in Classroom 102	Homogeneous, yellow, caulking material.	None Detected	Non-Fibrous Material > 75%
Comments:	Cellulose is present on the surface of this sample.		
0022A Mastic on the sink in Classroom 102	Homogeneous, metallic black, tar material.	Chrysotile 0.5-5%	Tar and other non-fibrous > 75%
Comments:	Cellulose is present on the surface of this sample.		
0022B Mastic on the sink in Classroom 106			Not Analyzed
Comments:	Analysis was stopped due to a previous positive result.		
0022C Mastic on the sink in Classroom 107			Not Analyzed
Comments:	Analysis was stopped due to a previous positive result.		



## Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

**Project Name:** Kawartha Pine Ridge District School Board, Murray Centennial PS  
 654 County Road 40, R.R. #1, Trenton, ON  
**Project No.:** 0200234.000  
**Prepared For:** S. Dadhwal / M. Wilson  
  
**Lab Reference No.:** b163460  
**Date Analyzed:** January 11, 2017

### BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
0023A Baseboard adhesive in Classroom 102	2 Phases: a) Homogeneous, brown, adhesive material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, yellow, adhesive material.	None Detected	Non-Fibrous Material > 75%
0023B Baseboard adhesive in Classroom 102	2 Phases: a) Homogeneous, brown, adhesive material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, yellow, adhesive material.	None Detected	Non-Fibrous Material > 75%
0023C Baseboard adhesive in Classroom 102	2 Phases: a) Homogeneous, brown, adhesive material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, yellow, adhesive material.	None Detected	Non-Fibrous Material > 75%
0024A Black tar paper on fibreglass insulation above ceiling in Classroom 108	Homogeneous, black, tar material with fibres.	None Detected	Man-made Vitreous Fibres 0.5-5% Tar and other non-fibrous > 75%
Comments:	Cellulose and man-made vitreous fibres are present on the surface of this sample.		





## Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

**Project Name:** Kawartha Pine Ridge District School Board, Murray Centennial PS  
 654 County Road 40, R.R. #1, Trenton, ON  
**Project No.:** 0200234.000  
**Prepared For:** S. Dadhwal / M. Wilson  
  
**Lab Reference No.:** b163460  
**Date Analyzed:** January 11, 2017

### BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
0024B Black tar paper on fibreglass insulation above ceiling in Classroom 108	Homogeneous, black, tar material with fibres.	None Detected	Man-made Vitreous Fibres 0.5-5% Tar and other non-fibrous > 75%
Comments:	Cellulose and man-made vitreous fibres are present on the surface of this sample.		
0024C Black tar paper on fibreglass insulation above ceiling in Classroom 108	Homogeneous, black, tar material with fibres.	None Detected	Man-made Vitreous Fibres 0.5-5% Tar and other non-fibrous > 75%
Comments:	Cellulose and man-made vitreous fibres are present on the surface of this sample.		
0025A Acoustic ceiling tile in Classrom 125	Homogeneous, off-white, compressed, acoustic ceiling tile.	None Detected	Cellulose 25-50% Man-made Vitreous Fibres 50-75% Perlite 5-10% Other Non-Fibrous 0.5-5%
0025B Acoustic ceiling tile in Classrom 125	Homogeneous, off-white, compressed, acoustic ceiling tile.	None Detected	Cellulose 25-50% Man-made Vitreous Fibres 50-75% Perlite 5-10% Other Non-Fibrous 0.5-5%
0025C Acoustic ceiling tile in Classrom 125	Homogeneous, off-white, compressed, acoustic ceiling tile.	None Detected	Cellulose 25-50% Man-made Vitreous Fibres 50-75% Perlite 5-10% Other Non-Fibrous 0.5-5%

Reviewed by:

Reporting Analyst:



Analyzed by: *JGA*  
 Reviewed by: *HB*  
 Report Sent by: *EL*



25

**Special Instructions:**

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

<b>Client Name:</b>	Kawartha Pine Ridge District School Board	<b>Project Address:</b>	Murray Cemenmar Public School, 654 County Road 40, Trenton, Ontario
<b>Portfolio/Building No:</b>	Building Name (if there is one)	<b>Pinchin File:</b>	File # you are charging your time to <u>120972 200234</u>
<b>Submitted by:</b>	Sanjeet Dadhwal	<b>Email:</b>	<u>sdadhwal@pinchin.com</u>
<b>CC Results to:</b>	Mike Wilson	<b>CC Email:</b>	<u>mwilson@pinchin.com</u>
<b>Invoice to:</b>		<b>Invoice Email:</b>	
<b>Date Submitted:</b>	December 6 2016	<b>Required by:</b>	January 6 2017
<b># of Samples:</b>	<u>3021/39</u>	<b>Priority:</b>	<u>5-Day Turnaround</u>
<b>Year of Building Construction (Mandatory Field):</b>			1967
<b>Do NOT Stop on Positive (Sample Numbers):</b>			
<b>Pinchin Group Company (Mandatory Field):</b>			Pinchin

**To be Completed by Lab Personnel Only:**

<b>Lab Reference #:</b>	<u>6163460</u>	<b>Time:</b>	24 hour clock
<b>Received by:</b>	<u>JAN 03 2017 EL</u>	<b>Date:</b>	Month Day Year
<b>Name(s) of Analyst(s):</b>	<u>M. Macneil</u>		<u>JAN 11 2017</u>

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
A	0019	A	Tac board mastic in Classroom 102 <u>2.) ND b.) ND</u>
	0019	B	Tac board mastic in Classroom 102 <u>2.) ND b.) ND</u>
	0019	B	Tac board mastic in Classroom 102 <u>2.) ND b.) ND</u>
	0020	A	Clear caulking in Classroom 102 <u>ND</u>
	0020	B	Clear caulking in Classroom 102 <u>ND</u>
	0020	C	Clear caulking in Classroom 102 <u>ND</u>

(9)



b163460

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
	0021	A	Yellow caulking in Classroom 102 <span style="float: right;">ND</span>
	0021	B	Yellow caulking in Classroom 102 <span style="float: right;">ND</span>
	0021	C	Yellow caulking in Classroom 102 <span style="float: right;">ND</span>
	0022	A	Mastic on the sink in Classroom 102 <span style="float: right;">CH 0.5-5%</span>
	0022	B	Mastic on the sink in Classroom 106 <span style="float: right;">NA</span>
	0022		Mastic on the sink in Classroom 107 <span style="float: right;">NA</span>
	0023		Baseboard adhesive in Classroom 102 <span style="float: right;">a) ND    b) ND</span>
	0023	B	Baseboard adhesive in Classroom 102 <span style="float: right;">a) ND    b) ND</span>
	0023	C	Baseboard adhesive in Classroom 102 <span style="float: right;">a) ND    b) ND</span>
C	0023	C	Black tar paper on fibreglass insulation above ceiling in Classroom 108 <span style="float: right;">ND</span>
	0024	B	Black tar paper on fibreglass insulation above ceiling in Classroom 108 <span style="float: right;">ND</span>
	0024		Black tar paper on fibreglass insulation above ceiling in Classroom 108 <span style="float: right;">ND</span>
	0025	A	Acoustic ceiling tile in Classrom 125 <span style="float: right;">ND</span>
	0025	B	Acoustic ceiling tile in Classrom 125 <span style="float: right;">ND</span>
	0025	B	Acoustic ceiling tile in Classrom 125 <span style="float: right;">ND</span>
	<del>0026</del>	<del>A</del>	<del>Acoustic ceiling tile in Classrom 125</del>

21

(16)



## Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

<b>Project Name:</b>	<b>Kawartha Pine Ridge District School Board</b>		
	<b>Murray Centennial Public School, 654 County Road 40, Trenton, Ontario</b>		
<b>Project No.:</b>	<b>121640</b>		
<b>Prepared For:</b>	<b>S. Dadhwal / M. Wilson</b>	<b>Date Received:</b>	<b>January 3, 2017</b>
<b>Lab Reference No.:</b>	<b>b163461</b>	<b>Date Analyzed:</b>	<b>January 11, 2017</b>
<b>Analyst(s):</b>	<b>L. DeCurtis</b>	<b># Samples submitted:</b>	<b>18</b>
		<b># Phases analyzed:</b>	<b>24</b>

**Method of Analysis:**

**EPA 600/R-93/116 - Method for the Determination of Asbestos in Bulk Building Materials dated July, 1993**

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 (see chart below) 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.

Provincial Jurisdiction	Regulatory Threshold	Provincial Jurisdiction	Regulatory Threshold
Ontario, British Columbia, Nova Scotia	0.5%	Manitoba	0.1% friable 1% non-friable
Quebec	0.1%	Saskatchewan	0.5% friable 1% non-friable
Alberta, NWT, Yukon, Nunavut	1%	Newfoundland and Labrador, PEI and New Brunswick	1%

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.

Pinchin Ltd. is accredited by the National Institute of Standards and Technology, National Voluntary Laboratory Accreditation Program (NVLAP Lab Code 101270-0) for the 'EPA-600/M4-82-020: Interim Method for 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 17025:2005.

This report relates only to the items tested.

**NOTE:** *This test report may not be reproduced, except in full, without the written approval of the laboratory. The client may not use this report to claim product endorsement by NVLAP or any agency of the U.S. Government. This report is valid only when signed in blue ink by the analyst. Vinyl asbestos floor tiles contain very fine fibres of asbestos and may be missed by some laboratories using the PLM method. Internal verification studies performed by Pinchin indicate that the chance of missing asbestos in floor tiles is no higher than about 2%. The vinyl tile study and laboratory documentation on measurement uncertainty is available upon request. The analysis of dust samples by PLM cannot be used as an indicator of past or present airborne asbestos fibre levels.*



## Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

**Project Name:** Kawartha Pine Ridge District School Board  
 Murray Centennial Public School, 654 County Road 40, Trenton, Ontario  
**Project No.:** 121640  
**Prepared For:** S. Dadhwal / M. Wilson  
  
**Lab Reference No.:** b163461  
**Date Analyzed:** January 11, 2017

### BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)			
		ASBESTOS		OTHER	
0026A Acoustic ceiling tile in Classroom 120	Homogeneous, white, layered, compressed, acoustic ceiling tile.	Chrysotile	0.5-5%	Man-made Vitreous Fibres	> 75%
		Amosite	< 0.5%	Cellulose Non-Fibrous Material	0.5-5% 0.5-5%
0026B Acoustic ceiling tile in Classroom 120				Not Analyzed	
Comments:	Analysis was stopped due to a previous positive result.				
0026C Acoustic ceiling tile in Classroom 120				Not Analyzed	
Comments:	Analysis was stopped due to a previous positive result.				
0027A White caulking in Classroom 120	2 Phases: a) Homogeneous, white, caulking material.	None Detected		Non-Fibrous Material	> 75%
	b) Homogeneous, white, soft, sticky, caulking material.	None Detected		Non-Fibrous Material	> 75%
0027B White caulking in Classroom 120	2 Phases: a) Homogeneous, white, caulking material.	None Detected		Non-Fibrous Material	> 75%
	b) Homogeneous, white, soft, sticky, caulking material.	None Detected		Non-Fibrous Material	> 75%



## Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

**Project Name:** Kawartha Pine Ridge District School Board  
 Murray Centennial Public School, 654 County Road 40, Trenton, Ontario  
**Project No.:** 121640  
**Prepared For:** S. Dadhwal / M. Wilson  
  
**Lab Reference No.:** b163461  
**Date Analyzed:** January 11, 2017

### BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
0027C White caulking in Classroom 120	2 Phases: a) Homogeneous, white, caulking material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, white, soft, sticky, caulking material.	None Detected	Non-Fibrous Material > 75%
0028A Baseboard adhesive in Classroom 120	4 Phases: a) Homogeneous, yellow, soft, sticky material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, beige, rubbery material.	Chrysotile < 0.5%	Non-Fibrous Material > 75%
	c) Homogeneous, brown, hard adhesive material.	None Detected	Non-Fibrous Material > 75%
	d) Homogeneous, white, finishing or texture coat.	None Detected	Non-Fibrous Material > 75%
Comments:	The asbestos present in phase b) may be due to contamination.		



## Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

**Project Name:** Kawartha Pine Ridge District School Board  
 Murray Centennial Public School, 654 County Road 40, Trenton, Ontario  
**Project No.:** 121640  
**Prepared For:** S. Dadhwal / M. Wilson  
  
**Lab Reference No.:** b163461  
**Date Analyzed:** January 11, 2017

### BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
0028B Baseboard adhesive in Classroom 120	3 Phases: a) Homogeneous, beige, rubbery material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, brown, hard adhesive material.	None Detected	Non-Fibrous Material > 75%
	c) Homogeneous, white, finishing or texture coat.	None Detected	Non-Fibrous Material > 75%
0028C Baseboard adhesive in Classroom 120	3 Phases: a) Homogeneous, beige, rubbery material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, brown, hard adhesive material.	None Detected	Non-Fibrous Material > 75%
	c) Homogeneous, white, finishing or texture coat.	None Detected	Non-Fibrous Material > 75%
0029A Grey adhesive on the sink in Classroom 114-3	Homogeneous, white, soft, adhesive material.	None Detected	Non-Fibrous Material > 75%
0029B Grey adhesive on the sink in Classroom 114-3	Homogeneous, white, soft, adhesive material.	None Detected	Non-Fibrous Material > 75%



## Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

**Project Name:** Kawartha Pine Ridge District School Board  
 Murray Centennial Public School, 654 County Road 40, Trenton, Ontario  
**Project No.:** 121640  
**Prepared For:** S. Dadhwal / M. Wilson  
  
**Lab Reference No.:** b163461  
**Date Analyzed:** January 11, 2017

### BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
0029C Grey adhesive on the sink in Classroom 114-3	Homogeneous, white, soft, adhesive material.	None Detected	Non-Fibrous Material > 75%
0030A Dark sink adhesive in Classroom 121	Homogeneous, dark brown, adhesive material.	Chrysotile 0.5-5%	Tar and other non-fibrous > 75%
0030B Dark sink adhesive in Classroom 121			Not Analyzed
Comments:	Analysis was stopped due to a previous positive result.		
0030C Dark sink adhesive in Classroom 121			Not Analyzed
Comments:	Analysis was stopped due to a previous positive result.		
0031A Yellow caulking in Classroom 114-2	Homogeneous, white, caulking material.	None Detected	Non-Fibrous Material > 75%
Comments:	Cellulose is present on the surface of this sample.		
0031B Yellow caulking in Classroom 114-1	Homogeneous, beige, caulking material.	None Detected	Non-Fibrous Material > 75%
0031C Yellow caulking in Classroom 114-2	Homogeneous, beige, caulking material.	None Detected	Non-Fibrous Material > 75%

Reviewed by:

Reporting Analyst:





Analyzed by: EL  
 Reviewed by: MB  
 Report Sent by: EL



**Special Instructions:**

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

Client Name:	Kawartha Pine Ridge District School Board	Project Address:	Murray Centennial Public School, 654 County Road 40, Trenton, Ontario
Portfolio/Building No:	Building Name (if there is one)	Pinchin File:	120972-200234
Submitted by:	Sanjeet Dadhwal	Email:	sdadhwal@pinchin.com
CC Results to:	Mike Wilson	CC Email:	mwilson@pinchin.com
Invoice to:		Invoice Email:	
Date Submitted:	December 6 2016	Required by:	January 6 2017
# of Samples:	30 18/39	Priority:	5 Day Turnaround
Year of Building Construction (Mandatory Field):			1967
Do NOT Stop on Positive (Sample Numbers):			
Pinchin Group Company (Mandatory Field):	Pinchin		

**To be Completed by Lab Personnel Only:**

Lab Reference #:	6163461	Time:	24 hour clock		
Received by:	Jan. 03, 2017 EL	Date:	Month	Day	Year
Name(s) of Analyst(s):	EL 17/1/11				

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
	0026	A	Acoustic ceiling tile in Classroom 120 CH0556 AM 057

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
	0026	B	Acoustic ceiling tile in Classroom 120 NA
	0026	C	Acoustic ceiling tile in Classroom 120 NA
	0027	A	White caulking in Classroom 120 a) ND b) ND
	0027	B	White caulking in Classroom 120 a) ND b) ND
C	0027	C	White caulking in Classroom 120 a) ND b) ND
	0028	A	Baseboard adhesive in Classroom 120 a) ND b) CH<0.5% c) ND d) ND
	0028	B	Baseboard adhesive in Classroom 120 a) ND b) ND c) ND
	0028	C	Baseboard adhesive in Classroom 120 a) ND b) ND c) ND
	0029	A	Grey adhesive on the sink in Classroom 114-3 ND
	0029	B	Grey adhesive on the sink in Classroom 114-3 ND
	0029	C	Grey adhesive on the sink in Classroom 114-3 ND
	0030	A	Dark sink adhesive in Classroom 121 CH<0.5%
	0030	B	Dark sink adhesive in Classroom 121 NA
	0030		Dark sink adhesive in Classroom 121 NA
	0031	A	Yellow caulking in Classroom 114-2 ND
	0031	B	Yellow caulking in Classroom 114-1 ND



Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
	0031	C	Yellow caulking in Classrom 114-2 IND



## Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

<b>Project Name:</b>	<b>Kawartha Pine Ridge District School Board Hazardous Building Materials Assessment, Murray Centennial PS 654 County Road 40, Trenton, Ontario</b>		
<b>Project No.:</b>	<b>0215865.000</b>		
<b>Prepared For:</b>	<b>S. Dadhwal / C. Fennell</b>		
<b>Lab Reference No.:</b>	<b>b183519</b>	<b>Date Received:</b>	<b>January 22, 2018</b>
<b>Analyst(s):</b>	<b>R. Dacey/K. Cockburn</b>	<b>Date Analyzed:</b>	<b>January 29, 2018</b>
		<b># Samples submitted:</b>	<b>3</b>
		<b># Phases analyzed:</b>	<b>7</b>

**Method of Analysis:**

**EPA 600/R-93/116 - Method for the Determination of Asbestos in Bulk Building Materials dated July, 1993**

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 (see chart below) 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.

Provincial Jurisdiction	Regulatory Threshold	Provincial Jurisdiction	Regulatory Threshold
Ontario, British Columbia, Nova Scotia	0.5%	Manitoba	0.1% friable 1% non-friable
Quebec	0.1%	Saskatchewan	0.5% friable 1% non-friable
Alberta, NWT, Yukon, Nunavut	1%	Newfoundland and Labrador, PEI and New Brunswick	1%

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.

Pinchin Ltd. is accredited by the National Institute of Standards and Technology, National Voluntary Laboratory Accreditation Program (NVLAP Lab Code 101270-0) for the 'EPA-600/M4-82-020: Interim Method for 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 17025:2005.

This report relates only to the items tested.

**NOTE:** endorsement by NVLAP or any agency of the U.S. Government. This report is valid only when signed in blue ink by the analyst. Vinyl asbestos floor tiles contain very fine fibres of asbestos and may be missed by some laboratories using the PLM method. Internal verification studies performed by Pinchin indicate that the chance of missing asbestos in floor tiles is no higher than about 2%. The vinyl tile study and laboratory documentation on measurement uncertainty is available upon request. The analysis of dust samples by PLM cannot be used as an indicator of past or present airborne asbestos fibre levels.



## Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

**Project Name:** Kawartha Pine Ridge District School Board  
**Hazardous Building Materials Assessment, Murray Centennial PS**

**Project No.:** 0215865.000

**Prepared For:** S. Dadhwal / C. Fennell

**Lab Reference No.:** b183519

**Date Analyzed:** January 29, 2018

### BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
A032A White caulking on north exit door in Corridor H3.	3 Phases: a) Homogeneous, off-white, caulking material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, grey, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%
	c) Homogeneous, white, hard, cementitious material.	Chrysotile 0.5-5%	Non-Fibrous Material > 75%
A032B White caulking on Mechanical Room Door in Corridor H3.	2 Phases: a) Non-homogeneous, off-white and white, caulking material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, white, soft, sticky material.	None Detected	Non-Fibrous Material > 75%
A032C White caulking on lockers and concrete wall in Corridor H4.	2 Phases: a) Non-homogeneous, off-white and white, caulking material.	None Detected	Non-Fibrous Material > 75%
	b) Non-homogeneous, white, soft, sticky material.	None Detected	Non-Fibrous Material > 75%



**Pinchin Ltd. Asbestos Laboratory  
Certificate of Analysis**


**Project Name:** Kawartha Pine Ridge District School Board  
**Hazardous Building Materials Assessment, Murray Centennial PS**  
**Project No.:** 0215865.000  
**Prepared For:** S. Dadhwal / C. Fennell  
**Lab Reference No.:** b183519  
**Date Analyzed:** January 29, 2018


**BULK SAMPLE ANALYSIS**

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER

Reviewed by:

Reporting Analyst:

 Digitally signed  
 by Julieth Oran  
 Date:  
 2018.01.29  
 16:07:08 -05'00'

 Digitally signed  
 by Julieth Oran  
 Date:  
 2018.01.29  
 16:06:56 -05'00'



Analyzed by: R.D.  
 Reviewed by: K.C.  
 Report Sent by: JR



**Special Instructions:**

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

<b>Client Name:</b>	Kawartha Pine Ridge District School Board	<b>Project Address:</b>	Murray Centennial PS, 654 County Road 40, Trenton, Ontario
<b>Portfolio/Building No:</b>	Hazardous Building Materials Assessment	<b>Pinchin File:</b>	215865
<b>Submitted by:</b>	Sanjeet Dadhwal	<b>Email:</b>	sdadhwal@pinchin.com
<b>CC Results to:</b>	Chris Fennell	<b>CC Email:</b>	cfennell@pinchin.com
<b>Invoice to:</b>		<b>Invoice Email:</b>	
<b>Date Submitted:</b>	January 19 2018	<b>Required by:</b>	January 25 2018
<b># of Samples:</b>	3	<b>Priority:</b>	5 Day Turnaround
<b>Year of Building Construction (Mandatory Field):</b>	1972		
<b>Do NOT Stop on Positive (Sample Numbers):</b>			
<b>Pinchin Group Company (Mandatory Field):</b>	Pinchin		

**To be Completed by Lab Personnel Only:**

<b>Lab Reference #:</b>	083519	<b>Time:</b>	24 hour clock
<b>Received by:</b>	JAN 22 2018 JR	<b>Date:</b>	Month Day Year
<b>Name(s) of Analyst(s):</b>	R.D. / K.C. 1/29/18 (7)		
Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
	A032	A	White caulking on north exit door in Corridor H3. a) ND b) ND c) ch. s.s.
	A032	B	White caulking on Mechanical Room Door in Corridor H3. a) ND b) ND
	A032	C	White caulking on lockers and concrete wall in Corridor H4. a) ND b) ND



## Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

**Project Name:** KPRDSB, HBMA, Murray Centennial Public School  
**Project No.:** 0285767.000  
**Prepared For:** J. Birney / C. Fennell  
**Lab Reference No.:** b243759  
**Analyst(s):** T. Tran / A. Wells / T. Lam  
**Date Received:** January 7, 2021      **# Samples submitted:** 21  
**Date Analyzed:** January 14, 2021      **# Phases analyzed:** 26

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### Method of Analysis:

#### **EPA 600/R-93/116 - Method for the Determination of Asbestos in Bulk Building Materials dated July, 1993**

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.

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.

This report relates only to the items tested.

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## Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

**Project Name:** KPRDSB, HBMA, Murray Centennial Public School  
**Project No.:** 0285767.000  
**Prepared For:** J. Birney / C. Fennell

**Lab Reference No.:** b243759  
**Date Analyzed:** January 14, 2021

### BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
0033A Off-white paint on masonry wall in Storage Room 110A (Location 8)	Homogeneous, off-white, coating material.	None Detected	Non-Fibrous Material > 75%
Comments:	Another phase is present but there was insufficient material submitted to analyze.		
0033B Off-white paint on masonry wall in Storage Room 110A (Location 8)	Homogeneous, off-white, coating material.	None Detected	Non-Fibrous Material > 75%
Comments:	Another phase is present but there was insufficient material submitted to analyze.		
0033C Off-white paint on masonry wall in Corridor H3 (Location 47)	Homogeneous, off-white, coating material.	None Detected	Non-Fibrous Material > 75%
0034A Drywall joint compound on ceiling in Corridor H3 (Location 47)	Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
Comments:	Cellulose is present on the surface of this sample.		
0034B Drywall joint compound on ceiling in Corridor H3 (Location 47)	Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
Comments:	Cellulose is present on the surface of this sample.		
0034C Drywall joint compound on ceiling in Corridor H3 (Location 47)	Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
Comments:	Cellulose is present on the surface of this sample.		



## Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

**Project Name:** KPRDSB, HBMA, Murray Centennial Public School  
**Project No.:** 0285767.000  
**Prepared For:** J. Birney / C. Fennell

**Lab Reference No.:** b243759  
**Date Analyzed:** January 14, 2021

### BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
0035A Brown baseboard mastic in Storage Room 110A (Location 8)	Homogeneous, brown, hard, adhesive material.	None Detected	Non-Fibrous Material > 75%
0035B Brown baseboard mastic in Storage Room 110A (Location 8)	Homogeneous, brown, hard, adhesive material.	None Detected	Non-Fibrous Material > 75%
0035C Brown baseboard mastic in Storage Room 110A (Location 8)	Homogeneous, brown, hard, adhesive material.	None Detected	Non-Fibrous Material 50-75%
0036A Drywall joint compound on skylight in Corridor H3 (Location 47)	Homogeneous, beige, drywall joint compound.	Chrysotile 0.5-5%	Non-Fibrous Material > 75%
0036B Drywall joint compound on skylight in Corridor H3 (Location 47)	2 Phases: a) Homogeneous, beige, drywall joint compound.	Chrysotile 0.5-5%	Non-Fibrous Material > 75%
	b) Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
Comments:	Phase b) is small in size. For more reliable results, a larger sample is required.		
0036C Drywall joint compound on skylight in Corridor H3 (Location 47)	a) Homogeneous, beige, drywall joint compound.	Chrysotile 0.5-5%	Non-Fibrous Material > 75%
	b) Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
Comments:	Phase b) is small in size. For more reliable results, a larger sample is required.		



**Pinchin Ltd. Asbestos Laboratory  
Certificate of Analysis**

**Project Name:** KPRDSB, HBMA, Murray Centennial Public School  
**Project No.:** 0285767.000  
**Prepared For:** J. Birney / C. Fennell

**Lab Reference No.:** b243759  
**Date Analyzed:** January 14, 2021

**BULK SAMPLE ANALYSIS**

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
0037A Drywall joint compound on wall in Corridor H3 (Location 47)	Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
0037B Drywall joint compound on wall in Corridor H3 (Location 47)	Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
0037C Drywall joint compound on wall in Corridor H3 (Location 47)	Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%
0038A Off-white paint on masonry wall in Electrical Room 116E (Location 75)	2 Phases: a) Homogeneous, off-white, soft, cementitious material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, off-white, coating material.	None Detected	Non-Fibrous Material > 75%
0038B Off-white paint on masonry wall in Electrical Room 116E (Location 75)	2 Phases: a) Homogeneous, off-white, soft, cementitious material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, off-white, coating material.	None Detected	Non-Fibrous Material > 75%



## Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: KPRDSB, HBMA, Murray Centennial Public School  
Project No.: 0285767.000  
Prepared For: J. Birney / C. Fennell

Lab Reference No.: b243759  
Date Analyzed: January 14, 2021

### BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
0038C Off-white paint on masonry wall in Electrical Room 116E (Location 75)	2 Phases: a) Homogeneous, off-white, soft, cementitious material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, off-white, coating material.	None Detected	Non-Fibrous Material > 75%
0039A Grey duct mastic in Classroom 114-1 (Location 40)	Homogeneous, grey, caulking material.	None Detected	Non-Fibrous Material > 75%
0039B Grey duct mastic in Classroom 114-5 (Location 41)	Homogeneous, grey, caulking material.	None Detected	Non-Fibrous Material > 75%
0039C Grey duct mastic in Classroom 114-4 (Location 42)	Homogeneous, grey, caulking material.	None Detected	Non-Fibrous Material > 75%

Reviewed by:

Digitally signed by  
Julieth Oran  
Date: 2021.01.14  
16:18:30 -05'00'

Reporting Analyst:

Digitally signed by  
Julieth Oran  
Date: 2021.01.14  
16:18:19 -05'00'

Analyzed by: TTL  
 Reviewed by: JRB  
 Report Sent by: JH

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

Client Name:	KPRDSB	Project Address:	Murray Centennial Public School
Portfolio/Building No:	HBMA	Pinchin File:	285767
Submitted by:	Jordan Birney	Email:	<a href="mailto:jbirney@pinchin.com">jbirney@pinchin.com</a>
CC Results to:	Chris Fennell	CC Email:	<a href="mailto:cfennell@pinchin.com">cfennell@pinchin.com</a>
Invoice to:		Invoice Email:	
Date Submitted:	January 5 2021	Required by:	January 13 2021
# of Samples:	21	Priority:	5 Day Turnaround
Year of Building Construction (Mandatory Field):			1967
Do NOT Stop on Positive (Sample Numbers):			0034A-C, 0036A-C, 0037A-C <i>JH</i>
Pinchin Group Company (Mandatory Field):			Pinchin

**To be Completed by Lab Personnel Only:**

Lab Reference #:	b243751	Time:	24 hour clock
Received by:	<i>JH</i>	Date:	Month Day Year
Name(s) of Analyst(s):	<i>JH / TT / TTL</i>		Jan 14 2021

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
	0033	A	Off-white paint on masonry wall in Storage Room 110A (Location 8) <i>ND</i>
	0033	B	Off-white paint on masonry wall in Storage Room 110A (Location 8) <i>ND</i>
	0033	C	Off-white paint on masonry wall in Corridor H3 (Location 47) <i>ND</i>
	0034	A.	Drywall joint compound on ceiling in Corridor H3 (Location 47) <i>ND</i>
	0034	B.	Drywall joint compound on ceiling in Corridor H3 (Location 47) <i>ND</i>
	0034	C.	Drywall joint compound on ceiling in Corridor H3 (Location 47) <i>ND</i>
	0035	A	Brown baseboard mastic in Storage Room 110A (Location 8) <i>ND</i>
	0035	B	Brown baseboard mastic in Storage Room 110A (Location 8) <i>ND</i>

J  
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 TT

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Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
	0035	C	Brown baseboard mastic in Storage Room 110A (Location 8) ND
	0036	A.	Drywall joint compound on skylight in Corridor H3 (Location 47) CH0.5-5
	0036	B.	Drywall joint compound on skylight in Corridor H3 (Location 47) a) CH0.5-5 b) ND
	0036	C.	Drywall joint compound on skylight in Corridor H3 (Location 47) a) CH0.5-5 b) ND
	0037	A.	Drywall joint compound on wall in Corridor H3 (Location 47) ND
	0037	B.	Drywall joint compound on wall in Corridor H3 (Location 47) ND
	0037	C.	Drywall joint compound on wall in Corridor H3 (Location 47) ND
	0038	A	Off-white paint on masonry wall in Electrical Room 116E (Location 75) a) ND b) ND
	0038	B	Off-white paint on masonry wall in Electrical Room 116E (Location 75) a) ND b) ND
	0038	C	Off-white paint on masonry wall in Electrical Room 116E (Location 75) a) ND b) ND
	0039	A	Grey duct mastic in Classroom 114-1 (Location 40) ND
	0039	B	Grey duct mastic in Classroom 114-5 (Location 41) ND
	0039	C	Grey duct mastic in Classroom 114-4 (Location 42) ND



## Pinchin Ltd. Asbestos Laboratory *Certificate of Analysis*

**Project Name:** KPRDSB, 163, Trenton, Ontario  
**Project No.:** 0319531.000  
**Prepared For:** M. Dunn / R. Northey

**Lab Reference No.:** b284883  
**Analyst(s):** A. Williams / T. Tran

**Date Received:** January 9, 2023      **Samples Submitted:** 33  
**Date Analyzed:** January 16, 2023      **Phases Analyzed:** 31

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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.

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## Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

**Project Name:** KPRDSB, 163, Trenton, Ontario  
**Project No.:** 0319531.000  
**Prepared For:** M. Dunn / R. Northey

**Lab Reference No.:** b284883  
**Date Analyzed:** January 16, 2023

### BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0040A Door,Caulking,Grey Caulking On 2006 Date Stamped Door,Loc:48,Corridor	Homogeneous, off-white, caulking material.	None Detected	Non-Fibrous Material > 75%
S0040B Door,Caulking,Grey Caulking On 2006 Date Stamped Door,Loc:48,Corridor	Homogeneous, off-white, caulking material.	None Detected	Non-Fibrous Material > 75%
S0040C Door,Caulking,Grey Caulking On 2006 Date Stamped Door,Loc:48,Corridor	Homogeneous, off-white, caulking material.	None Detected	Non-Fibrous Material > 75%
S0041A Floor,Terrazzo,Grey Terrazzo,Loc:48,Corridor	Homogeneous, white, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%
S0041B Floor,Terrazzo,Grey Terrazzo,Loc:48,Corridor	Homogeneous, white, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%
S0041C Floor,Terrazzo,Grey Terrazzo,Loc:48,Corridor	Homogeneous, white, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%
S0042A Wall,Paint,White Paint On Concrete Block Walls,Loc:52,Kindergarten	Homogeneous, white, coating material.	None Detected	Non-Fibrous Material > 75%





## Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

**Project Name:** KPRDSB, 163, Trenton, Ontario  
**Project No.:** 0319531.000  
**Prepared For:** M. Dunn / R. Northey

**Lab Reference No.:** b284883  
**Date Analyzed:** January 16, 2023

### BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0042B Wall,Paint,White Paint On Concrete Block Walls,Loc:52,Kindergarten	Homogeneous, white, coating material.	None Detected	Non-Fibrous Material > 75%
S0042C Wall,Paint,White Paint On Concrete Block Walls,Loc:52,Kindergarten	Homogeneous, white, coating material.	None Detected	Non-Fibrous Material > 75%
S0043A Door,Caulking,Caulking On Exterior Of Door,Loc:81,Exterior Wall For Renovation	Homogeneous, grey, caulking material.	None Detected	Non-Fibrous Material > 75%
S0043B Door,Caulking,Caulking On Exterior Of Door,Loc:81,Exterior Wall For Renovation	Homogeneous, grey, caulking material.	None Detected	Non-Fibrous Material > 75%
S0043C Door,Caulking,Caulking On Exterior Of Door,Loc:81,Exterior Wall For Renovation	Homogeneous, grey, caulking material.	None Detected	Non-Fibrous Material > 75%
S0044A Door,Caulking,White Caulking On Door Frame Interior Side Of Exterior Door,Loc:52,Kindergarten	Homogeneous, white, caulking material.	None Detected	Non-Fibrous Material > 75%



## Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

**Project Name:** KPRDSB, 163, Trenton, Ontario  
**Project No.:** 0319531.000  
**Prepared For:** M. Dunn / R. Northey

**Lab Reference No.:** b284883  
**Date Analyzed:** January 16, 2023

### BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0044B Door, Caulking, White Caulking On Door Frame Interior Side Of Exterior Door, Loc:52, Kindergarten	Homogeneous, white, caulking material.	None Detected	Non-Fibrous Material > 75%
S0044C Door, Caulking, White Caulking On Door Frame Interior Side Of Exterior Door, Loc:52, Kindergarten	Homogeneous, white, caulking material.	None Detected	Non-Fibrous Material > 75%
S0045A Base, Adhesive/mastic, Baseboard Adhesive Behind Black Rubber Baseboards, Loc:52, Kindergarten	Homogeneous, yellow, adhesive material.	None Detected	Non-Fibrous Material > 75%
S0045B Base, Adhesive/mastic, Baseboard Adhesive Behind Black Rubber Baseboards, Loc:52, Kindergarten	Homogeneous, yellow, adhesive material.	None Detected	Non-Fibrous Material > 75%
S0045C Base, Adhesive/mastic, Baseboard Adhesive Behind Black Rubber Baseboards, Loc:52, Kindergarten	Homogeneous, yellow, adhesive material.	None Detected	Non-Fibrous Material > 75%



## Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

**Project Name:** KPRDSB, 163, Trenton, Ontario  
**Project No.:** 0319531.000  
**Prepared For:** M. Dunn / R. Northey

**Lab Reference No.:** b284883  
**Date Analyzed:** January 16, 2023

### BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0046A Door,Caulking,Dark Grey Caulking On Exterior Door,Loc:81,Exterior Wall For Renovation	Homogeneous, grey, caulking material.	None Detected	Non-Fibrous Material > 75%
S0046B Door,Caulking,Dark Grey Caulking On Exterior Door,Loc:81,Exterior Wall For Renovation	Homogeneous, grey, caulking material.	None Detected	Non-Fibrous Material > 75%
S0046C Door,Caulking,Dark Grey Caulking On Exterior Door,Loc:81,Exterior Wall For Renovation	Homogeneous, grey, caulking material.	None Detected	Non-Fibrous Material > 75%
S0047A Wall,Mortar,Brick Masonry Mortar,Loc:81,Exterior Wall For Renovation	Homogeneous, grey, granular, cementitious material.	None Detected	Non-Fibrous Material > 75%
S0047B Wall,Mortar,Brick Masonry Mortar,Loc:81,Exterior Wall For Renovation	Homogeneous, grey, granular, cementitious material.	None Detected	Non-Fibrous Material > 75%
S0047C Wall,Mortar,Brick Masonry Mortar,Loc:81,Exterior Wall For Renovation	Homogeneous, grey, granular, cementitious material.	None Detected	Non-Fibrous Material > 75%



## Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

**Project Name:** KPRDSB, 163, Trenton, Ontario  
**Project No.:** 0319531.000  
**Prepared For:** M. Dunn / R. Northey

**Lab Reference No.:** b284883  
**Date Analyzed:** January 16, 2023

### BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0048A Fascia,Caulking,White Caulking On Fascia,Loc:81,Exterior Wall For Renovation	Homogeneous, off-white, caulking material.	Chrysotile 0.5-5%	Non-Fibrous Material > 75%
S0048B Fascia,Caulking,White Caulking On Fascia,Loc:81,Exterior Wall For Renovation			Not Analyzed
Comments:	Analysis was stopped due to a previous positive result.		
S0048C Fascia,Caulking,White Caulking On Fascia,Loc:81,Exterior Wall For Renovation			Not Analyzed
Comments:	Analysis was stopped due to a previous positive result.		
S0049A Structure,Soffit,Unidentified Material,White Pebbled Panels On Soffit,Loc:81,Exterior Wall For Renovation	Homogeneous, off-white, hard, cementitious material.	None Detected	Man-Made Vitreous Fibres Non-Fibrous Material 0.5-5% > 75%
S0049B Structure,Soffit,Unidentified Material,White Pebbled Panels On Soffit,Loc:81,Exterior Wall For Renovation	Homogeneous, off-white, hard, cementitious material.	None Detected	Man-Made Vitreous Fibres Non-Fibrous Material 0.5-5% > 75%



## Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

**Project Name:** KPRDSB, 163, Trenton, Ontario  
**Project No.:** 0319531.000  
**Prepared For:** M. Dunn / R. Northey

**Lab Reference No.:** b284883  
**Date Analyzed:** January 16, 2023

### BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0049C Structure,Soffit,Unidentified Material,White Pebbled Panels On Soffit,Loc:81,Exterior Wall For Renovation	Homogeneous, off-white, hard, cementitious material.	None Detected	Man-Made Vitreous Fibres 0.5-5% Non-Fibrous Material > 75%
S0050A Fascia,Unidentified Material,Clear Pebbled Rock Fascia Panels,Loc:81,Exterior Wall For Renovation	Homogeneous, white, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%
S0050B Fascia,Unidentified Material,Clear Pebbled Rock Fascia Panels,Loc:81,Exterior Wall For Renovation	Homogeneous, white, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%
S0050C Fascia,Unidentified Material,Clear Pebbled Rock Fascia Panels,Loc:81,Exterior Wall For Renovation	Homogeneous, white, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%

**Reviewed by:**

**Reporting Analyst:**

Assigned by: AZW  
*Handwritten initials*

For baseboard adhesive please do not analyze paint/primer that may be stuck to the mastic, there is a separate sample set for paint/primer

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

<b>Client Name:</b>	KPRDSB	<b>Project Address:</b>	Trenton, Ontario
<b>Portfolio/Building No:</b>	163	<b>Pinchin File:</b>	0319531.000
<b>Submitted by:</b>	Meaghan Dunn	<b>Email:</b>	<a href="mailto:mdunn@pinchin.com">mdunn@pinchin.com</a>
<b>CC Results to:</b>	Rachel Northey	<b>CC Email:</b>	<a href="mailto:rnorthey@pinchin.com">rnorthey@pinchin.com</a>
<b>Date Submitted:</b>	January 06 2023	<b>Required by:</b>	January 17 2023
<b># of Samples:</b>	33	<b>Priority:</b>	5 Day Turnaround
<b>Year of Building Construction (Mandatory, Years ONLY):</b>	1972		
<b>Do NOT Stop on Positive (Sample Numbers):</b>			
<b>Pinchin Group Company (Mandatory Field):</b>	Pinchin		
<b>HMIS2 Building Reference #:</b>	115579/2022112895331064		
<b>To be Completed by Lab Personnel Only:</b>			
<b>Lab Reference #:</b>	<i>b284883</i>		<b>Time:</b> 24 hour clock
<b>Received by:</b>	<i>JAN 09 2023</i>	<b>Date:</b>	Month Day Year
<b>Name(s) of Analyst(s):</b>	<i>AZW / TT Jan 16/23</i>		

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0040	A	Door, Caulking, Grey Caulking On 2006 Date Stamped Door, Loc:48, Corridor <i>ND</i>
S	0040	B	Door, Caulking, Grey Caulking On 2006 Date Stamped Door, Loc:48, Corridor <i>ND</i>
S	0040	C	Door, Caulking, Grey Caulking On 2006 Date Stamped Door, Loc:48, Corridor <i>ND</i>
S	0041	A	Floor, Terrazzo, Grey Terrazzo, Loc:48, Corridor <i>ND</i>
S	0041	B	Floor, Terrazzo, Grey Terrazzo, Loc:48, Corridor <i>ND</i>
S	0041	C	Floor, Terrazzo, Grey Terrazzo, Loc:48, Corridor <i>ND</i>
S	0042	A	Wall, Paint, White Paint On Concrete Block Walls, Loc:52, Kindergarten <i>ND</i>
S	0042	B	Wall, Paint, White Paint On Concrete Block Walls, Loc:52, Kindergarten <i>ND</i>

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0042	C	Wall,Paint,White Paint On Concrete Block Walls,Loc:52,Kindergarten ND
S	0043	A	Door,Caulking,Caulking On Exterior Of Door,Loc:81,Exterior Wall For Renovation ND
S	0043	B	Door,Caulking,Caulking On Exterior Of Door,Loc:81,Exterior Wall For Renovation ND
S	0043	C	Door,Caulking,Caulking On Exterior Of Door,Loc:81,Exterior Wall For Renovation ND
S	0044	A	Door,Caulking,White Caulking On Door Frame Interior Side Of Exterior Door,Loc:52,Kindergarten ND
S	0044	B	Door,Caulking,White Caulking On Door Frame Interior Side Of Exterior Door,Loc:52,Kindergarten ND
S	0044	C	Door,Caulking,White Caulking On Door Frame Interior Side Of Exterior Door,Loc:52,Kindergarten ND
S	0045	A	Base,Adhesive/mastic,Baseboard Adhesive Behind Black Rubber Baseboards,Loc:52,Kindergarten ND
S	0045	B	Base,Adhesive/mastic,Baseboard Adhesive Behind Black Rubber Baseboards,Loc:52,Kindergarten ND
S	0045	C	Base,Adhesive/mastic,Baseboard Adhesive Behind Black Rubber Baseboards,Loc:52,Kindergarten ND
S	0046	A	Door,Caulking,Dark Grey Caulking On Exterior Door,Loc:81,Exterior Wall For Renovation ND
S	0046	B	Door,Caulking,Dark Grey Caulking On Exterior Door,Loc:81,Exterior Wall For Renovation ND
S	0046	C	Door,Caulking,Dark Grey Caulking On Exterior Door,Loc:81,Exterior Wall For Renovation ND
S	0047	A	Wall,Mortar,Brick Masonry Mortar,Loc:81,Exterior Wall For Renovation ND
S	0047	B	Wall,Mortar,Brick Masonry Mortar,Loc:81,Exterior Wall For Renovation ND
S	0047	C	Wall,Mortar,Brick Masonry Mortar,Loc:81,Exterior Wall For Renovation ND
S	0048	A	Fascia,Caulking,White Caulking On Fascia,Loc:81,Exterior Wall For Renovation CH 0.5-5

AZW  
TT



6284883

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0048	B	Fascia,Caulking,White Caulking On Fascia,Loc:81,Exterior Wall For Renovation NA
S	0048	C	Fascia,Caulking,White Caulking On Fascia,Loc:81,Exterior Wall For Renovation NA
S	0049	A	Structure,Soffit,Unidentified Material,White Pebbled Panels On Soffit,Loc:81,Exterior Wall For Renovation ND
S	0049	B	Structure,Soffit,Unidentified Material,White Pebbled Panels On Soffit,Loc:81,Exterior Wall For Renovation ND
S	0049	C	Structure,Soffit,Unidentified Material,White Pebbled Panels On Soffit,Loc:81,Exterior Wall For Renovation ND
S	0050	A	Fascia,Unidentified Material,Clear Pebbled Rock Fascia Panels,Loc:81,Exterior Wall For Renovation ND
S	0050	B	Fascia,Unidentified Material,Clear Pebbled Rock Fascia Panels,Loc:81,Exterior Wall For Renovation ND
S	0050	C	Fascia,Unidentified Material,Clear Pebbled Rock Fascia Panels,Loc:81,Exterior Wall For Renovation ND





## Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

**Project No.:** 0332605.004  
**Prepared For:** N. Robinson / R. Northey

**Lab Reference No.:** b301707  
**Analyst(s):** N. Barinque

**Date Received:** October 5, 2023      **Samples Submitted:** 3  
**Date Analyzed:** October 11, 2023      **Phases Analyzed:** 21

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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.

*This report relates only to the items tested and is valid only when signed with a protected, authorized, electronic signature. This report may not be reproduced, except in full, without the written approval of Pinchin Ltd. The client may not use this report to claim product endorsement by NVLAP or any agency of the U.S. Government. Internal verification studies, quality assurance / control data and laboratory documentation on measurement uncertainty are available upon request.*



## Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project No.: 0332605.004  
Prepared For: N. Robinson / R. Northey

Lab Reference No.: b301707  
Date Analyzed: October 11, 2023

### BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0051A Roofing Material, Roof Core 1, Loc:82, Roof A	7 Phases:		
	a) Homogeneous, black, layered, tar material.	None Detected	Tar and other Non-Fibrous Material > 75%
	b) Homogeneous, black, layered, tar-impregnated, compressed, fibrous material.	None Detected	Cellulose 50-75% Tar and other Non-Fibrous Material 25-50%
	c) Homogeneous, black, tar material with fibres.	None Detected	Man-Made Vitreous Fibres 5-10% Tar and other Non-Fibrous Material > 75%
	d) Homogeneous, black, tar paper.	None Detected	Cellulose 50-75% Tar and other Non-Fibrous Material 25-50%
	e) Homogeneous, black, tar between layers of cellulose.	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, layered, tar material (top layer).	None Detected	Tar and other Non-Fibrous Material > 75%	
Comments:	Drywall, cellulose, and man-made vitreous fibres are present on the surface of this sample.		



## Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project No.: 0332605.004  
Prepared For: N. Robinson / R. Northey

Lab Reference No.: b301707  
Date Analyzed: October 11, 2023

### BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0051B Roofing Material, Roof Core 2, Loc:82, Roof A	7 Phases: a) Homogeneous, black, layered, tar material.	None Detected	Tar and other Non-Fibrous Material > 75%
	b) Homogeneous, black, layered, tar-impregnated, compressed, fibrous material.	None Detected	Cellulose 50-75% Tar and other Non-Fibrous Material 25-50%
	c) Homogeneous, black, tar material with fibres.	None Detected	Man-Made Vitreous Fibres 5-10% Tar and other Non-Fibrous Material > 75%
	d) Homogeneous, black, tar paper.	None Detected	Cellulose 50-75% Tar and other Non-Fibrous Material 25-50%
	e) Homogeneous, black, tar between layers of cellulose.	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, layered, tar material (top layer).	None Detected	Tar and other Non-Fibrous Material > 75%
Comments:	Drywall, cellulose, and man-made vitreous fibres are present on the surface of this sample.		



## Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project No.: 0332605.004  
Prepared For: N. Robinson / R. Northey

Lab Reference No.: b301707  
Date Analyzed: October 11, 2023

### BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0051C Roofing Material, Roof Core 3, Loc:83, Roof B	7 Phases:		
	a) Homogeneous, black, layered, tar material.	None Detected	Tar and other Non-Fibrous Material > 75%
	b) Homogeneous, black, layered, tar-impregnated, compressed, fibrous material.	None Detected	Cellulose 50-75% Tar and other Non-Fibrous Material 25-50%
	c) Homogeneous, black, tar material with fibres.	None Detected	Man-Made Vitreous Fibres 5-10% Tar and other Non-Fibrous Material > 75%
	d) Homogeneous, black, tar paper.	None Detected	Cellulose 50-75% Tar and other Non-Fibrous Material 25-50%
	e) Homogeneous, black, tar between layers of cellulose.	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, layered, tar material (top layer).	None Detected	Tar and other Non-Fibrous Material > 75%	
Comments:	Drywall, cellulose, and man-made vitreous fibres are present on the surface of this sample.		

Reviewed by:

Digitally signed by  
Elizabeth DeCurtis  
Date: 2023.10.13  
09:38:25-04'00'

Reporting Analyst:

Digitally signed by  
Elizabeth DeCurtis  
Date: 2023.10.13  
09:38:08-04'00'

Analyst by: NB 23-10-11  
 Reviewed by: NB  
 Report Sent by: LO

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

Client Name:		Project Address:	ON
Portfolio/Building No:		Pinchin File:	332605.004
Submitted by:	Nicholas Robinson	Email:	<a href="mailto:nrobinson@pinchin.com">nrobinson@pinchin.com</a>
CC Results to:	Rachel Northey	CC Email:	<a href="mailto:rnorthey@pinchin.com">rnorthey@pinchin.com</a>
Date Submitted:	October 04 2023	Required by:	October 11 2023
# of Samples:	<del>2</del> 3 (split 1/3)	Priority:	5 Day Turnaround
Year of Building Construction (Mandatory, Years ONLY):	1900		
Do NOT Stop on Positive (Sample Numbers):			
Pinchin Group Company (Mandatory Field):	Pinchin		
HMIS2 Building Reference #:	125668/20239256686731		

<b>To be Completed by Lab Personnel Only:</b>			
Lab Reference #:	b301707	Time:	24 hour clock
Received by:	OCT 05 2023	Date:	Month Day Year
Name(s) of Analyst(s):			

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0051	A	Roofing Material, Roof Core 1, Loc: 82, Roof A a) NO b) ND c) ND d) ND e) ND f) ND g) ND
S	0051	B	Roofing Material, Roof Core 2, Loc: 82, Roof A a) ND b) ND c) ND d) ND e) ND f) ND g) ND
S	0051	C	Roofing Material, Roof Core 3, Loc: 83, Roof B a) ND b) ND c) ND d) ND e) ND f) ND g) ND
	0052	A	Roofing Material, Roof Core 4, Loc: 85, Roof F1
S	0052	B	Roofing Material, Roof Core 5, Loc: 85, Roof F1
S	0052	C	Roofing Material, Roof Core 6, Loc: 85, Roof F1
S	0053	A	Roofing Material, Roof Core 7, Loc: 84, Roof F1

7  
7  
7



## Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

**Project No.:** 0332605.004  
**Prepared For:** N. Robinson / R. Northey

**Lab Reference No.:** b301708  
**Analyst(s):** A. Williams

**Date Received:** October 5, 2023      **Samples Submitted:** 3  
**Date Analyzed:** October 11, 2023      **Phases Analyzed:** 20

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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.

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## Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project No.: 0332605.004  
Prepared For: N. Robinson / R. Northey

Lab Reference No.: b301708  
Date Analyzed: October 11, 2023

### BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0052A Roofing Material, Roof Core 4, Loc: 85, Roof F1	7 Phases: a) Homogeneous, brown, layered paper with black, tar.	None Detected	Cellulose > 75% Tar and other Non-Fibrous Material 5-10%
	b) Homogeneous, black, tar material on paper.	Chrysotile 0.5-5%	Tar and other Non-Fibrous Material > 75%
	c) Homogeneous, black, tar material on man-made vitreous fibres.	None Detected	Tar and other Non-Fibrous Material > 75%
	d) Homogeneous, brown, layered paper.	None Detected	Cellulose > 75% Tar and other Non-Fibrous Material 0.5-5%
	e) Homogeneous, black, layered, 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 50-75% Tar and other Non-Fibrous Material 25-50%
	g) Homogeneous, black, textured, tar material.	None Detected	Tar and other Non-Fibrous Material > 75%
Comments:	Phase b) is small in size. Man-made vitreous fibres are present on the surface of this sample.		





## Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project No.: 0332605.004  
Prepared For: N. Robinson / R. Northey

Lab Reference No.: b301708  
Date Analyzed: October 11, 2023

### BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0052B Roofing Material, Roof Core 5, Loc: 85, Roof F1	7 Phases:		
	a) Homogeneous, brown, layered paper with black, tar.	None Detected	Cellulose > 75% Tar and other Non-Fibrous Material 5-10%
	b) Homogeneous, black, tar material on paper.		Not Analyzed
	c) Homogeneous, black, tar material on man-made vitreous fibres.	None Detected	Tar and other Non-Fibrous Material > 75%
	d) Homogeneous, brown, layered paper.	None Detected	Cellulose > 75% Tar and other Non-Fibrous Material 0.5-5%
	e) Homogeneous, black, layered, 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 50-75% Tar and other Non-Fibrous Material 25-50%
g) Homogeneous, black, textured, tar material.	None Detected	Tar and other Non-Fibrous Material > 75%	
Comments:	Analysis of phase b) was stopped due to a previous positive result. Man-made vitreous fibres are present on the surface of this sample.		





## Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

**Project No.:** 0332605.004  
**Prepared For:** N. Robinson / R. Northey

**Lab Reference No.:** b301708  
**Date Analyzed:** October 11, 2023

### BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0052C Roofing Material, Roof Core 6, Loc:85, Roof F1	8 Phases:		
	a) Homogeneous, black, tar material.	None Detected	Tar and other Non-Fibrous Material > 75%
	b) Homogeneous, brown, layered paper with black, tar.	None Detected	Cellulose > 75% Tar and other Non-Fibrous Material 5-10%
	c) Homogeneous, black, tar material on paper.		Not Analyzed
	d) Homogeneous, black, tar material on man-made vitreous fibres.	None Detected	Tar and other Non-Fibrous Material > 75%
	e) Homogeneous, brown, layered paper.	None Detected	Cellulose > 75% Tar and other Non-Fibrous Material 0.5-5%
	f) Homogeneous, black, layered, 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 50-75% Tar and other Non-Fibrous Material 25-50%
	h) Homogeneous, black, textured, tar material.	None Detected	Tar and other Non-Fibrous Material > 75%
Comments:	Analysis of phase c) was stopped due to a previous positive result. Man-made vitreous fibres are present on the surface of this sample.		

**Reviewed by:**

Digitally signed by  
Elizabeth DeCurtis  
Date: 2023.10.13  
09:39:48-04'00'

**Reporting Analyst:**

Digitally signed by  
Elizabeth DeCurtis  
Date: 2023.10.13  
09:40:02-04'00'

Analyzed by: AW  
 Reviewed by: KB  
 Report Sent by: RJ

6301708Z

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

Client Name:		Project Address:	ON
Portfolio/Building No:		Pinchin File:	332605.004
Submitted by:	Nicholas Robinson	Email:	<a href="mailto:nrobinson@pinchin.com">nrobinson@pinchin.com</a>
CC Results to:	Rachel Northey	CC Email:	<a href="mailto:rnorthey@pinchin.com">rnorthey@pinchin.com</a>
Date Submitted:	October 04 2023	Required by:	October 11 2023
# of Samples:	<del>2</del> 3 (split 2/3)	Priority:	5 Day Turnaround
Year of Building Construction (Mandatory, Years ONLY):	1900		
Do NOT Stop on Positive (Sample Numbers):			
Pinchin Group Company (Mandatory Field):	Pinchin		
HMIS2 Building Reference #:	125668/20239256686731		

**To be Completed by Lab Personnel Only:**

Lab Reference #:	6301708Z	Time:	24 hour clock
Received by:		Date:	Month Day Year
Name(s) of Analyst(s):	AW Oct 11/23		

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
<del>S</del>	<del>0051</del>	<del>A</del>	<del>Roofing Material, Roof Core 1, Loc 82, Roof A</del>
<del>S</del>	<del>0051</del>	<del>B</del>	<del>Roofing Material, Roof Core 2, Loc 82, Roof A</del>
<del>S</del>	<del>0051</del>	<del>C</del>	<del>Roofing Material, Roof Core 3, Loc 85, Roof A</del>
S	0052	A	Roofing Material, Roof Core 4, Loc: 85, Roof F1 a)ND b)CHC.5-sl. c)ND d)ND e)ND f)ND g)ND
S	0052	B	Roofing Material, Roof Core 5, Loc: 85, Roof F1 a)ND b)NA- c)ND d)ND e)ND f)ND g)ND
S	0052	C	Roofing Material, Roof Core 6, Loc: 85, Roof F1 a)ND b)ND c)NA- d)ND e)ND f)ND g)ND h)ND
<del>S</del>	<del>0053</del>	<del>A</del>	<del>Roofing Material, Roof Core 7, Loc 84, Roof D</del>



## Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

**Project No.:** 0332605.004  
**Prepared For:** N. Robinson / R. Northey

**Lab Reference No.:** b301709  
**Analyst(s):** C. Luong

**Date Received:** October 5, 2023      **Samples Submitted:** 3  
**Date Analyzed:** October 12, 2023      **Phases Analyzed:** 23

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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.

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## Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project No.: 0332605.004  
Prepared For: N. Robinson / R. Northey

Lab Reference No.: b301709  
Date Analyzed: October 12, 2023

### BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0053A Roofing Material, Roof Core 7, Loc:84, Roof D	8 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, thick, shiny, tar material.	None Detected	Tar and other non-fibrous > 75%
	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, layered, tar material.	None Detected	Tar and other non-fibrous > 75%
	g) Homogeneous, black, layered, tar-impregnated, compressed, fibrous material.	None Detected	Man-Made Vitreous Fibres 50-75% Tar and other non-fibrous 25-50%
	h) Homogeneous, black, shiny, textured, tar material.	None Detected	Tar and other non-fibrous > 75%
Comments:	Drywall, man-made vitreous fibres and cellulose are present on the surface of this sample.		



## Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project No.: 0332605.004  
Prepared For: N. Robinson / R. Northey

Lab Reference No.: b301709  
Date Analyzed: October 12, 2023

### BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0053B Roofing Material, Roof Core 8, Loc:84, Roof D	8 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, layered, tar material on tar paper.	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) Homogeneous, black, tar material between cellulose.	None Detected	Tar and other non-fibrous > 75%
	f) Homogeneous, black, layered, tar material.	None Detected	Tar and other non-fibrous > 75%
	g) Homogeneous, black, layered, tar-impregnated, compressed, fibrous material.	None Detected	Man-Made Vitreous Fibres 50-75% Tar and other non-fibrous 25-50%
	h) Homogeneous, black, shiny, textured, tar material.	None Detected	Tar and other non-fibrous > 75%
Comments:	Drywall, man-made vitreous fibres and cellulose are present on the surface of this sample.		



## Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

**Project No.:** 0332605.004  
**Prepared For:** N. Robinson / R. Northey

**Lab Reference No.:** b301709  
**Date Analyzed:** October 12, 2023

### BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0053C Roofing Material, Roof Core 9, Loc:84, Roof D	7 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, layered, tar material on tar paper.	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) Homogeneous, black, layered, tar material.	None Detected	Tar and other non-fibrous > 75%
	f) Homogeneous, black, layered, tar-impregnated, compressed, fibrous material.	None Detected	Man-Made Vitreous Fibres 50-75% Tar and other non-fibrous 25-50%
g) Homogeneous, black, shiny, textured, tar material.	None Detected	Tar and other non-fibrous > 75%	
Comments:	Drywall, man-made vitreous fibres and cellulose are present on the surface of this sample.		

**Reviewed by:**



Digitally signed by Elizabeth DeCurtis  
Date: 2023.10.13 09:44:51-04'00'

**Reporting Analyst:**



Digitally signed by Elizabeth DeCurtis  
Date: 2023.10.13 09:45:07-04'00'



Analyzed by: CL  
 Reviewed by: KB  
 Report sent by: RD

23

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

Client Name:	Project Address: ON
Portfolio/Building No:	Pinchin File: 332605.004
Submitted by: Nicholas Robinson	Email: <a href="mailto:nrobinson@pinchin.com">nrobinson@pinchin.com</a>
CC Results to: Rachel Northey	CC Email: <a href="mailto:rnorthey@pinchin.com">rnorthey@pinchin.com</a>
Date Submitted: October 04 2023	Required by: October 11 2023
# of Samples: <u>18 (3 → split 3/3)</u>	Priority: 5 Day Turnaround
Year of Building Construction (Mandatory, Years ONLY):	1900
Do NOT Stop on Positive (Sample Numbers):	
Pinchin Group Company (Mandatory Field):	Pinchin
HMIS2 Building Reference #:	125668/20239256686731

**To be Completed by Lab Personnel Only:**

Lab Reference #: <u>6301709 RD</u>	Time: 24 hour clock
Received by: <u>OCT 05 2023</u>	Date: Month Day Year
Name(s) of Analyst(s): <u>CL</u>	<u>Oct 12 2023</u>

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0051	A	Roofing Material, Roof Core 1, Loc: 82, Roof A
S	0051	B	Roofing Material, Roof Core 2, Loc: 83, Roof A
S	0051	C	Roofing Material, Roof Core 3, Loc: 83, Roof B
S	0052	A	Roofing Material, Roof Core 4, Loc: 85, Roof F1
S	0052	B	Roofing Material, Roof Core 5, Loc: 85, Roof F1
S	0052	C	Roofing Material, Roof Core 6, Loc: 85, Roof F1
S	0053	A	Roofing Material, Roof Core 7, Loc: 84, Roof D a) NO b) NO c) NO d) NO e) NO f) NO g) NO h) NO

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0053	B	Roofing Material, Roof Core 8, Loc:84, Roof D a)ND b)ND c)ND d)ND e)ND f)ND g)ND h)ND
S	0053	C	Roofing Material, Roof Core 9, Loc:84, 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.:** 0332605.004  
**Prepared For:** N. Robinson / R. Northey  
**Lab Reference No.:** b301649  
**Date Analyzed:** October 11, 2023

### BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0054A Caulking, Grey Caulking, Loc:84, Roof D	2 Phases: a) Homogeneous, grey, caulking material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, white, caulking material.	None Detected	Non-Fibrous Material > 75%
S0054B Caulking, Grey Caulking, Loc:84, Roof D	Homogeneous, grey, caulking material.	None Detected	Non-Fibrous Material > 75%
S0054C Caulking, Grey Caulking, Loc:84, Roof D	Homogeneous, grey, caulking material.	None Detected	Non-Fibrous Material > 75%
S0055A Caulking, Brown Caulking, Loc:82, Roof A	3 Phases: a) Homogeneous, brown, caulking material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, red, caulking material.	None Detected	Wollastonite 0.5-5% Non-Fibrous Material > 75%
	c) Homogeneous, black, tar material.	None Detected	Tar and other non-fibrous > 75%
Comments:	Phase b) and phase c) are small in size. For more reliable results, a larger sample is required. Cellulose is present on the surface of this sample.		
S0055B Caulking, Brown Caulking, Loc:82, Roof A	2 Phases: a) Homogeneous, brown, caulking material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, black, tar material.	None Detected	Tar and other non-fibrous > 75%



## Pinchin Ltd. Asbestos Laboratory *Certificate of Analysis*

**Project Name:** Kawartha Pine Ridge District School Board, Murray Centennial Public School  
654 County Rd 40, Trenton, ON K8V 5P4

**Project No.:** 0332605.004

**Prepared For:** C. Snarr / N. Robinson / R. Northey

**Lab Reference No.:** b301951

**Analyst(s):** J. Stapleton

**Date Received:** October 11, 2023      **Samples Submitted:** 24

**Date Analyzed:** October 17, 2023      **Phases Analyzed:** 36

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The Pinchin Ltd. Dartmouth asbestos laboratory is accredited by the National Institute of Standards and Technology, National Voluntary Laboratory Accreditation Program (NVLAP Lab Code 201032-0) 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.

*This report relates only to the items tested and is valid only when signed with a protected, authorized, electronic signature. This report may not be reproduced, except in full, without the written approval of Pinchin Ltd. The client may not use this report to claim product endorsement by NVLAP or any agency of the U.S. Government. Internal verification studies, quality assurance / control data and laboratory documentation on measurement uncertainty are available upon request.*



## Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

**Project Name:** Kawartha Pine Ridge District School Board, Murray Centennial Public School  
 654 County Rd 40, Trenton, ON K8V 5P4  
**Project No.:** 0332605.004  
**Prepared For:** C. Snarr / N. Robinson / R. Northey  
  
**Lab Reference No.:** b301951  
**Date Analyzed:** October 17, 2023

### BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0057A Black caulking on flashing, Loc:84, Roof D	Homogeneous, dark brown, caulking material.	None Detected	Non-Fibrous Material > 75%
S0057B Black caulking on flashing, Loc:84, Roof D	Homogeneous, dark brown, caulking material.	None Detected	Non-Fibrous Material > 75%
S0057C Black caulking on flashing, Loc:84, Roof D	2 Phases: a) Homogeneous, light grey, sticky, caulking material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, dark brown, caulking material.	None Detected	Non-Fibrous Material > 75%
S0058A White Caulking on Stone Siding, Loc:82, Roof D	Homogeneous, white, caulking material.	None Detected	Non-Fibrous Material > 75%
S0058B White Caulking on Stone Siding, Loc:82, Roof D	Homogeneous, white, caulking material.	None Detected	Non-Fibrous Material > 75%
S0058C White Caulking on Stone Siding, Loc:82, Roof D	2 Phases: a) Homogeneous, black, tar material.	None Detected	Tar and other Non-Fibrous Material > 75%
	b) Homogeneous, white, caulking material.	None Detected	Non-Fibrous Material > 75%



## Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

**Project Name:** Kawartha Pine Ridge District School Board, Murray Centennial Public School  
 654 County Rd 40, Trenton, ON K8V 5P4  
**Project No.:** 0332605.004  
**Prepared For:** C. Snarr / N. Robinson / R. Northey  
  
**Lab Reference No.:** b301951  
**Date Analyzed:** October 17, 2023

### BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0059A Light grey caulking on metal corner, Loc:84, Roof D	2 Phases: a) Homogeneous, black, tar material.	None Detected	Tar and other Non-Fibrous Material > 75%
	b) Homogeneous, grey, caulking material.	None Detected	Non-Fibrous Material > 75%
S0059B Light grey caulking on metal corner, Loc:84, Roof D	2 Phases: a) Homogeneous, black, tar material.	None Detected	Tar and other Non-Fibrous Material > 75%
	b) Homogeneous, grey, caulking material.	None Detected	Non-Fibrous Material > 75%
S0059C Light grey caulking on metal corner, Loc:84, Roof D	2 Phases: a) Homogeneous, black, tar material.	None Detected	Tar and other Non-Fibrous Material > 75%
	b) Homogeneous, grey, caulking material.	None Detected	Non-Fibrous Material > 75%
S0060A White caulking on vent, Loc:84, Roof D	Homogeneous, white, caulking material.	None Detected	Non-Fibrous Material > 75%
S0060B White caulking on vent, Loc:84, Roof D	Homogeneous, white, caulking material.	None Detected	Non-Fibrous Material > 75%



## Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

**Project Name:** Kawartha Pine Ridge District School Board, Murray Centennial Public School  
 654 County Rd 40, Trenton, ON K8V 5P4  
**Project No.:** 0332605.004  
**Prepared For:** C. Snarr / N. Robinson / R. Northey  
  
**Lab Reference No.:** b301951  
**Date Analyzed:** October 17, 2023

### BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0060C White caulking on vent, Loc:84, Roof D	Homogeneous, white, caulking material.	None Detected	Non-Fibrous Material > 75%
S0061A tar on vent, Loc:84, Roof D	Homogeneous, black, tar material.	None Detected	Tar and other Non-Fibrous Material > 75%
S0061B tar on vent, Loc:84, Roof D	Homogeneous, black, tar material.	None Detected	Tar and other Non-Fibrous Material > 75%
S0061C tar on vent, Loc:84, Roof D	Homogeneous, black, tar material.	None Detected	Tar and other Non-Fibrous Material > 75%
S0062A Grey caulking on exhaust, Loc:85, Roof F1	Homogeneous, dark brown, caulking material.	None Detected	Non-Fibrous Material > 75%
S0062B Grey caulking on exhaust, Loc:85, Roof F1	Homogeneous, dark brown, caulking material.	None Detected	Non-Fibrous Material > 75%
S0062C Grey caulking on exhaust, Loc:85, Roof F1	Homogeneous, gray/brown, caulking material.	None Detected	Non-Fibrous Material > 75%
S0063A Black caulking on fascia, Loc:82, Roof A	Homogeneous, dark brown, caulking material.	None Detected	Non-Fibrous Material > 75%



## Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

**Project Name:** Kawartha Pine Ridge District School Board, Murray Centennial Public School  
 654 County Rd 40, Trenton, ON K8V 5P4  
**Project No.:** 0332605.004  
**Prepared For:** C. Snarr / N. Robinson / R. Northey  
  
**Lab Reference No.:** b301951  
**Date Analyzed:** October 17, 2023

### BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0063B Black caulking on fascia, Loc:82, Roof A	2 Phases: a) Homogeneous, black, tar material.	None Detected	Tar and other Non-Fibrous Material > 75%
	b) Homogeneous, dark brown, caulking material.	None Detected	Non-Fibrous Material > 75%
S0063C Black caulking on fascia, Loc:83, Roof B	Homogeneous, dark brown, caulking material.	None Detected	Non-Fibrous Material > 75%
S0064A Grey caulking on cement siding, Loc:82, Roof A	3 Phases: a) Homogeneous, yellow, sticky, caulking material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, white, caulking material.	None Detected	Non-Fibrous Material > 75%
	c) Homogeneous, light grey, caulking material.	None Detected	Non-Fibrous Material > 75%
S0064B Grey caulking on cement siding, Loc:82, Roof A	3 Phases: a) Homogeneous, yellow, sticky, caulking material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, white, caulking material.	None Detected	Non-Fibrous Material > 75%
	c) Homogeneous, light grey, caulking material.	None Detected	Non-Fibrous Material > 75%



**Pinchin Ltd. Asbestos Laboratory**  
***Certificate of Analysis***

**Project Name:** Kawartha Pine Ridge District School Board, Murray Centennial Public School  
654 County Rd 40, Trenton, ON K8V 5P4

**Project No.:** 0332605.004

**Prepared For:** C. Snarr / N. Robinson / R. Northey

**Lab Reference No.:** b301951

**Date Analyzed:** October 17, 2023

**BULK SAMPLE ANALYSIS**

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0064C Grey caulking on cement siding, Loc:82, Roof A	3 Phases: a) Homogeneous, yellow, sticky, caulking material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, white, caulking material.	None Detected	Non-Fibrous Material > 75%
	c) Homogeneous, light grey, caulking material.	None Detected	Non-Fibrous Material > 75%

**Reviewed by:**

Digitally signed by  
Karina Cockburn  
Date: 2023.10.17  
13:01:06-04'00'

**Reporting Analyst:**

Jason Stapleton  
2023.10.17 11:45:26-03'00'



Analysed by: JS

Reviewed by: AC

Report sent by: \_\_\_\_\_

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

<b>Client Name:</b>	Kawartha Pine Ridge District School Board	<b>Project Address:</b>	654 County Rd 40, Trenton, ON K8V 5P4
<b>Portfolio/Building No:</b>	Murray Centennial Public School	<b>Pinchin File:</b>	332605.004
<b>Submitted by:</b>	Caitlin Snarr	<b>Email:</b>	<a href="mailto:csnarr@pinchin.com">csnarr@pinchin.com</a>
<b>CC Results to:</b>	Nicholas Robinson	<b>CC Email:</b>	<a href="mailto:nrobinson@pinchin.com">nrobinson@pinchin.com</a>
<b>CC Results to:</b>	Rachel Northey	<b>CC Email:</b>	<a href="mailto:rnorthey@pinchin.com">rnorthey@pinchin.com</a>
<b>Date Submitted:</b>	October 10 2023	<b>Required by:</b>	October 17 2023
<b># of Samples:</b>	24	<b>Priority:</b>	5 Day Turnaround
<b>Year of Building Construction (Mandatory, Years ONLY):</b>	1961		
<b>Do NOT Stop on Positive (Sample Numbers):</b>			
<b>Pinchin Group Company (Mandatory Field):</b>	Pinchin		
<b>HMIS2 Building Reference #:</b>	125668/20239256686731		

<b>To be Completed by Lab Personnel Only:</b>			
<b>Lab Reference #:</b>	b301951	<b>Time:</b>	24 hour clock
<b>Received by:</b>	Y. Yan OCT 11 2023	<b>Date:</b>	Oct 12/23 Month Day Year
<b>Name(s) of Analyst(s):</b>	J. Stapleton		

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0057	A	Black caulking on flashing, Loc:84, Roof D <span style="float: right; color: blue;">ND</span>
S	0057	B	Black caulking on flashing, Loc:84, Roof D <span style="float: right; color: blue;">ND</span>
S	0057	C	Black caulking on flashing, Loc:84, Roof D <span style="float: right; color: blue;">a) ND b) ND</span>
S	0058	A	White Caulking on Stone Siding, Loc:82, Roof D <span style="float: right; color: blue;">ND</span>
S	0058	B	White Caulking on Stone Siding, Loc:82, Roof D <span style="float: right; color: blue;">ND</span>
S	0058	C	White Caulking on Stone Siding, Loc:82, Roof D <span style="float: right; color: blue;">a) ND b) ND</span>
S	0059	A	Light grey caulking on metal corner, Loc:84, Roof D <span style="float: right; color: blue;">a) ND b) ND</span>



Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0059	B	Light grey caulking on metal corner,Loc:84,Roof D a, ND b, ND
S	0059	C	Light grey caulking on metal corner,Loc:84,Roof D a, ND b, ND
S	0060	A	White caulking on vent,Loc:84,Roof D ND
S	0060	B	White caulking on vent,Loc:84,Roof D ND
S	0060	C	White caulking on vent,Loc:84,Roof D ND
S	0061	A	tar on vent,Loc:84,Roof D ND
S	0061	B	tar on vent,Loc:84,Roof D ND
S	0061	C	tar on vent,Loc:84,Roof D ND
S	0062	A	Grey caulking on exhaust,Loc:85,Roof F1 ND
S	0062	B	Grey caulking on exhaust,Loc:85,Roof F1 ND
S	0062	C	Grey caulking on exhaust,Loc:85,Roof F1 ND
S	0063	A	Black caulking on fascia,Loc:82,Roof A ND
S	0063	B	Black caulking on fascia,Loc:82,Roof A a, ND b, ND
S	0063	C	Black caulking on fascia,Loc:83,Roof B ND
S	0064	A	Grey caulking on cement siding,Loc:82,Roof A a, ND b, ND c, ND

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0064	B	Grey caulking on cement siding, Loc:82, Roof A a1 ND b1 ND c1 ND
S	0064	C	Grey caulking on cement siding, Loc:82, Roof A a1 ND b1 ND c1 ND



Your Project #: 335495.031  
Your C.O.C. #: n/a

**Attention: Cole Reynolds**

Pinchin Ltd  
2360 Meadowpine Blvd  
Unit # 2  
Mississauga, ON  
CANADA L5N 6S2

**Report Date: 2024/04/29**  
Report #: R8127866  
Version: 2 - Revision

**CERTIFICATE OF ANALYSIS – REVISED REPORT**

**BUREAU VERITAS JOB #: C482174**

**Received: 2024/03/19, 09:32**

Sample Matrix: Solid  
# Samples Received: 35

<b>Analyses</b>	<b>Quantity</b>	<b>Date Extracted</b>	<b>Date Analyzed</b>	<b>Laboratory Method</b>	<b>Analytical Method</b>
Asbestos by PLM - 0.5 RDL (1)	35	N/A	2024/03/28	COR3SOP-00002	EPA 600R-93/116

**Remarks:**

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

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

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

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

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

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

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

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

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

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



Your Project #: 335495.031  
Your C.O.C. #: n/a

**Attention: Cole Reynolds**

Pinchin Ltd  
2360 Meadowpine Blvd  
Unit # 2  
Mississauga, ON  
CANADA L5N 6S2

**Report Date: 2024/04/29**  
Report #: R8127866  
Version: 2 - Revision

**CERTIFICATE OF ANALYSIS – REVISED REPORT**

**BUREAU VERITAS JOB #: C482174**

**Received: 2024/03/19, 09:32**

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

**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

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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 #: C482174  
 Report Date: 2024/04/29

Pinchin Ltd  
 Client Project #: 335495.031  
 Sampler Initials: CR

**Asbestos Analytical Results**

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

<b>S0065A DUCT,MASTIC,LOC:77,2014 PHASE CONSTRUCTION</b>					
Bureau Veritas ID: YRC610		Date Analyzed: 2024/03/28			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous grey mastic	Not Detected		Non-Fibrous

<b>S0065B DUCT,MASTIC,LOC:77,2014 PHASE CONSTRUCTION</b>					
Bureau Veritas ID: YRC611		Date Analyzed: 2024/03/28			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous grey mastic	Not Detected		Non-Fibrous

<b>S0065C DUCT,MASTIC,LOC:77,2014 PHASE CONSTRUCTION</b>					
Bureau Veritas ID: YRC612		Date Analyzed: 2024/03/28			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous grey mastic	Not Detected		Non-Fibrous

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

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



Bureau Veritas Job #: C482174  
 Report Date: 2024/04/29

Pinchin Ltd  
 Client Project #: 335495.031  
 Sampler Initials: CR

**Asbestos Analytical Results**

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

<b>S0066A PAINT,OFF-WHITE PAINT ON MASONRY WALL,LOC:77,2014 PHASE CONSTRUCTION</b>					
Bureau Veritas ID: YRC613		Date Analyzed: 2024/03/28			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Non-homogeneous off-white/white paint/block filler	Not Detected		Non-Fibrous

<b>S0066B PAINT,OFF-WHITE PAINT ON MASONRY WALL,LOC:77,2014 PHASE CONSTRUCTION</b>					
Bureau Veritas ID: YRC614		Date Analyzed: 2024/03/28			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Non-homogeneous off-white/white paint/block filler	Not Detected		Non-Fibrous

<b>S0066C PAINT,OFF-WHITE PAINT ON MASONRY WALL,LOC:77,2014 PHASE CONSTRUCTION</b>					
Bureau Veritas ID: YRC615		Date Analyzed: 2024/03/28			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Non-homogeneous off-white/white paint/block filler	Not Detected		Non-Fibrous

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

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



Bureau Veritas Job #: C482174  
 Report Date: 2024/04/29

Pinchin Ltd  
 Client Project #: 335495.031  
 Sampler Initials: CR

**Asbestos Analytical Results**

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

<b>S0066D PAINT,OFF-WHITE PAINT ON MASONRY WALL,LOC:77,2014 PHASE CONSTRUCTION</b>					
Bureau Veritas ID: YRC616		Date Analyzed: 2024/03/28			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Non-homogeneous off-white/white paint/block filler	Not Detected		Non-Fibrous

<b>S0066E PAINT,OFF-WHITE PAINT ON MASONRY WALL,LOC:77,2014 PHASE CONSTRUCTION</b>					
Bureau Veritas ID: YRC617		Date Analyzed: 2024/03/28			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Non-homogeneous off-white/white paint/block filler	Not Detected		Non-Fibrous

<b>S0067A WALL,ADHESIVE/MASTIC,LOC:77,2014 PHASE CONSTRUCTION</b>					
Bureau Veritas ID: YRC618		Date Analyzed: 2024/03/28			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous light beige mastic	Not Detected		Non-Fibrous

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

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



Bureau Veritas Job #: C482174  
 Report Date: 2024/04/29

Pinchin Ltd  
 Client Project #: 335495.031  
 Sampler Initials: CR

**Asbestos Analytical Results**

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

<b>S0067B WALL,ADHESIVE/MASTIC,LOC:77,2014</b>					
<b>PHASE CONSTRUCTION</b>					
Bureau Veritas ID: YRC619		Date Analyzed: 2024/03/28			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous light beige mastic	Not Detected		Non-Fibrous

<b>S0067C WALL,ADHESIVE/MASTIC,LOC:77,2014</b>					
<b>PHASE CONSTRUCTION</b>					
Bureau Veritas ID: YRC620		Date Analyzed: 2024/03/28			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous light beige mastic	Not Detected		Non-Fibrous

<b>S0068A CAULKING,WHITE CAULKING AROUND DOOR FRAMES,LOC:77,2014 PHASE CONSTRUCTION</b>					
Bureau Veritas ID: YRC621		Date Analyzed: 2024/03/28			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous off-white caulking	Not Detected		Non-Fibrous

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

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





Bureau Veritas Job #: C482174  
 Report Date: 2024/04/29

Pinchin Ltd  
 Client Project #: 335495.031  
 Sampler Initials: CR

**Asbestos Analytical Results**

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

<b>S0068B CAULKING,WHITE CAULKING AROUND DOOR FRAMES,LOC:77,2014 PHASE CONSTRUCTION</b>					
Bureau Veritas ID: YRC622		Date Analyzed: 2024/03/28			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous off-white caulking	Not Detected		Non-Fibrous

<b>S0068C CAULKING,WHITE CAULKING AROUND DOOR FRAMES,LOC:77,2014 PHASE CONSTRUCTION</b>					
Bureau Veritas ID: YRC623		Date Analyzed: 2024/03/28			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous off-white caulking	Not Detected		Non-Fibrous

<b>S0069A CAULKING,BROWN CAULKING ON EXPANSION JOINTS AND EXTERIOR DOOR FRAME,LOC:89, 2014 ADDITION EXTERIOR</b>					
Bureau Veritas ID: YRC624		Date Analyzed: 2024/03/28			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous brown caulking	Not Detected		Non-Fibrous

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

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



Bureau Veritas Job #: C482174  
 Report Date: 2024/04/29

Pinchin Ltd  
 Client Project #: 335495.031  
 Sampler Initials: CR

**Asbestos Analytical Results**

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

<b>S0069B CAULKING,BROWN CAULKING ON EXPANSION JOINTS AND EXTERIOR DOOR FRAME,LOC:89, 2014 ADDITION EXTERIOR</b>						
Bureau Veritas ID: YRC625		Date Analyzed: 2024/03/28				
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>	
Layer 1	100	Homogeneous brown caulking	Not Detected		Non-Fibrous	

<b>S0069C CAULKING,BROWN CAULKING ON EXPANSION JOINTS AND EXTERIOR DOOR FRAME,LOC:89, 2014 ADDITION EXTERIOR</b>						
Bureau Veritas ID: YRC626		Date Analyzed: 2024/03/28				
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>	
Layer 1	100	Homogeneous brown caulking	Not Detected		Non-Fibrous	

<b>S0070A CEILING,TEXTURE COAT,LOC:89, 2014 ADDITION EXTERIOR</b>						
Bureau Veritas ID: YRC627		Date Analyzed: 2024/03/28				
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>	
Layer 1	100	Non-homogeneous grey textured cementitious material	Not Detected	Cellulose	0.5%	Non-Fibrous

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

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



**Asbestos Analytical Results**

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

<b>S0070B CEILING,TEXTURE COAT,LOC:89, 2014 ADDITION EXTERIOR</b>						
Bureau Veritas ID: YRC628		Date Analyzed: 2024/03/28				
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>	
Layer 1	100	Non-homogeneous grey textured cementitious material	Not Detected	Cellulose	0.5%	Non-Fibrous

<b>S0070C CEILING,TEXTURE COAT,LOC:89, 2014 ADDITION EXTERIOR</b>						
Bureau Veritas ID: YRC629		Date Analyzed: 2024/03/28				
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>	
Layer 1	100	Non-homogeneous grey textured cementitious material	Not Detected	Cellulose	0.5%	Non-Fibrous

<b>S0071A CAULKING,WHITE CAULKING ON EXTERIOR BRICK,LOC:89, 2014 ADDITION EXTERIOR</b>						
Bureau Veritas ID: YRC630		Date Analyzed: 2024/03/28				
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>	
Layer 1	100	Homogeneous off-white caulking	Not Detected			Non-Fibrous

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

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



Bureau Veritas Job #: C482174  
 Report Date: 2024/04/29

Pinchin Ltd  
 Client Project #: 335495.031  
 Sampler Initials: CR

**Asbestos Analytical Results**

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

<b>S0071B CAULKING,WHITE CAULKING ON EXTERIOR BRICK,LOC:89, 2014 ADDITION EXTERIOR</b>					
Bureau Veritas ID: YRC631		Date Analyzed: 2024/03/28			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous off-white caulking	Not Detected		Non-Fibrous

<b>S0071C CAULKING,WHITE CAULKING ON EXTERIOR BRICK,LOC:89, 2014 ADDITION EXTERIOR</b>					
Bureau Veritas ID: YRC632		Date Analyzed: 2024/03/28			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous off-white caulking	Not Detected		Non-Fibrous

<b>S0072A DUCT,CAULKING,WHITE CAULKING ON DUCT,LOC:86,ROOF H</b>					
Bureau Veritas ID: YRC633		Date Analyzed: 2024/03/28			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	80	Homogeneous white caulking	Not Detected		Non-Fibrous
Layer 2	20	Homogeneous silver caulking	Not Detected		Non-Fibrous

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

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



Bureau Veritas Job #: C482174  
 Report Date: 2024/04/29

Pinchin Ltd  
 Client Project #: 335495.031  
 Sampler Initials: CR

**Asbestos Analytical Results**

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

<b>S0072B DUCT,CAULKING,WHITE CAULKING ON DUCT,LOC:86,ROOF H</b>					
Bureau Veritas ID: YRC634		Date Analyzed: 2024/03/28			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	80	Homogeneous white caulking	Not Detected		Non-Fibrous
Layer 2	20	Homogeneous silver caulking	Not Detected		Non-Fibrous

<b>S0072C DUCT,CAULKING,WHITE CAULKING ON DUCT,LOC:86,ROOF H</b>					
Bureau Veritas ID: YRC635		Date Analyzed: 2024/03/28			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	80	Homogeneous white caulking	Not Detected		Non-Fibrous
Layer 2	20	Homogeneous silver caulking	Not Detected		Non-Fibrous

<b>S0073A DUCT,MASTIC,GREY DUCT MASTIC,LOC:86,ROOF H</b>					
Bureau Veritas ID: YRC636		Date Analyzed: 2024/03/28			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous grey mastic	Not Detected		Non-Fibrous

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

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



Bureau Veritas Job #: C482174  
 Report Date: 2024/04/29

Pinchin Ltd  
 Client Project #: 335495.031  
 Sampler Initials: CR

**Asbestos Analytical Results**

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

<b>S0073B DUCT,MASTIC,GREY DUCT MASTIC,LOC:86,ROOF H</b>					
Bureau Veritas ID: YRC637		Date Analyzed: 2024/03/28			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous grey mastic	Not Detected		Non-Fibrous

<b>S0073C DUCT,MASTIC,GREY DUCT MASTIC,LOC:86,ROOF H</b>					
Bureau Veritas ID: YRC638		Date Analyzed: 2024/03/28			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous grey mastic	Not Detected		Non-Fibrous

<b>S0074A TAR,TAR ON VENTS,LOC:86,ROOF H</b>					
Bureau Veritas ID: YRC639		Date Analyzed: 2024/03/28			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous black tar	Not Detected		Non-Fibrous

<b>S0074B TAR,TAR ON VENTS,LOC:86,ROOF H</b>					
Bureau Veritas ID: YRC640		Date Analyzed: 2024/03/28			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous black tar	Not Detected		Non-Fibrous

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

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



Bureau Veritas Job #: C482174  
 Report Date: 2024/04/29

Pinchin Ltd  
 Client Project #: 335495.031  
 Sampler Initials: CR

**Asbestos Analytical Results**

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

<b>S0074C TAR,TAR ON VENTS,LOC:86,ROOF H</b>					
Bureau Veritas ID: YRC641		Date Analyzed: 2024/03/28			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous black tar	Not Detected		Non-Fibrous

<b>S0075A CAULKING,GREY CAULKING ON FLASHING,LOC:86,ROOF H</b>					
Bureau Veritas ID: YRC642		Date Analyzed: 2024/03/28			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous grey caulking	Not Detected		Non-Fibrous

<b>S0075B CAULKING,GREY CAULKING ON FLASHING,LOC:86,ROOF H</b>					
Bureau Veritas ID: YRC643		Date Analyzed: 2024/03/28			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous grey caulking	Not Detected		Non-Fibrous

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

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



Bureau Veritas Job #: C482174  
 Report Date: 2024/04/29

Pinchin Ltd  
 Client Project #: 335495.031  
 Sampler Initials: CR

**Asbestos Analytical Results**

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

<b>S0075C CAULKING,GREY CAULKING ON FLASHING,LOC:86,ROOF H</b>					
Bureau Veritas ID: YRC644		Date Analyzed: 2024/03/28			
	<u>P.O.B</u>	<u>Sample Morphology</u>	<u>Asbestos</u>	<u>Other Fibres</u>	<u>Particulate</u>
Layer 1	100	Homogeneous grey caulking	Not Detected		Non-Fibrous

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

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





### TEST SUMMARY

**Bureau Veritas ID:** YRC610  
**Sample ID:** S0065A DUCT,MASTIC,LOC:77,2014 PHASE CONSTRUCTION  
**Matrix:** Solid  
**Collected:** 2024/03/14  
**Shipped:**  
**Received:** 2024/03/19

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9303501	N/A	2024/03/28	Dina Yousif

**Bureau Veritas ID:** YRC611  
**Sample ID:** S0065B DUCT,MASTIC,LOC:77,2014 PHASE CONSTRUCTION  
**Matrix:** Solid  
**Collected:** 2024/03/14  
**Shipped:**  
**Received:** 2024/03/19

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9303501	N/A	2024/03/28	Dina Yousif

**Bureau Veritas ID:** YRC612  
**Sample ID:** S0065C DUCT,MASTIC,LOC:77,2014 PHASE CONSTRUCTION  
**Matrix:** Solid  
**Collected:** 2024/03/14  
**Shipped:**  
**Received:** 2024/03/19

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9303501	N/A	2024/03/28	Dina Yousif

**Bureau Veritas ID:** YRC613  
**Sample ID:** S0066A PAINT,OFF-WHITE PAINT ON MASONRY WALL,LOC:77,2014 PHASE CONSTRUCTION  
**Matrix:** Solid  
**Collected:** 2024/03/14  
**Shipped:**  
**Received:** 2024/03/19

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9303501	N/A	2024/03/28	Dina Yousif

**Bureau Veritas ID:** YRC614  
**Sample ID:** S0066B PAINT,OFF-WHITE PAINT ON MASONRY WALL,LOC:77,2014 PHASE CONSTRUCTION  
**Matrix:** Solid  
**Collected:** 2024/03/14  
**Shipped:**  
**Received:** 2024/03/19

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9303501	N/A	2024/03/28	Dina Yousif

**Bureau Veritas ID:** YRC615  
**Sample ID:** S0066C PAINT,OFF-WHITE PAINT ON MASONRY WALL,LOC:77,2014 PHASE CONSTRUCTION  
**Matrix:** Solid  
**Collected:** 2024/03/14  
**Shipped:**  
**Received:** 2024/03/19

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9303501	N/A	2024/03/28	Dina Yousif

**Bureau Veritas ID:** YRC615 Dup  
**Sample ID:** S0066C PAINT,OFF-WHITE PAINT ON MASONRY WALL,LOC:77,2014 PHASE CONSTRUCTION  
**Matrix:** Solid  
**Collected:** 2024/03/14  
**Shipped:**  
**Received:** 2024/03/19

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9303501	N/A	2024/03/28	Dina Yousif



**TEST SUMMARY**

**Bureau Veritas ID:** YRC616  
**Sample ID:** S0066D PAINT,OFF-WHITE PAINT ON MASONRY WALL,LOC:77,2014 PHASE CONSTRUCTION  
**Matrix:** Solid  
**Collected:** 2024/03/14  
**Shipped:**  
**Received:** 2024/03/19

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9303501	N/A	2024/03/28	Dina Yousif

**Bureau Veritas ID:** YRC617  
**Sample ID:** S0066E PAINT,OFF-WHITE PAINT ON MASONRY WALL,LOC:77,2014 PHASE CONSTRUCTION  
**Matrix:** Solid  
**Collected:** 2024/03/14  
**Shipped:**  
**Received:** 2024/03/19

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9303501	N/A	2024/03/28	Dina Yousif

**Bureau Veritas ID:** YRC618  
**Sample ID:** S0067A WALL,ADHESIVE/MASTIC,LOC:77,2014 PHASE CONSTRUCTION  
**Matrix:** Solid  
**Collected:** 2024/03/14  
**Shipped:**  
**Received:** 2024/03/19

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9303501	N/A	2024/03/28	Dina Yousif

**Bureau Veritas ID:** YRC619  
**Sample ID:** S0067B WALL,ADHESIVE/MASTIC,LOC:77,2014 PHASE CONSTRUCTION  
**Matrix:** Solid  
**Collected:** 2024/03/14  
**Shipped:**  
**Received:** 2024/03/19

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9303501	N/A	2024/03/28	Dina Yousif

**Bureau Veritas ID:** YRC620  
**Sample ID:** S0067C WALL,ADHESIVE/MASTIC,LOC:77,2014 PHASE CONSTRUCTION  
**Matrix:** Solid  
**Collected:** 2024/03/14  
**Shipped:**  
**Received:** 2024/03/19

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9303501	N/A	2024/03/28	Dina Yousif

**Bureau Veritas ID:** YRC621  
**Sample ID:** S0068A CAULKING,WHITE CAULKING AROUND DOOR FRAMES,LOC:77,2014 PHASE CONSTRUCTION  
**Matrix:** Solid  
**Collected:** 2024/03/14  
**Shipped:**  
**Received:** 2024/03/19

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9303501	N/A	2024/03/28	Dina Yousif

**Bureau Veritas ID:** YRC622  
**Sample ID:** S0068B CAULKING,WHITE CAULKING AROUND DOOR FRAMES,LOC:77,2014 PHASE CONSTRUCTION  
**Matrix:** Solid  
**Collected:** 2024/03/14  
**Shipped:**  
**Received:** 2024/03/19

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9303501	N/A	2024/03/28	Dina Yousif



### TEST SUMMARY

**Bureau Veritas ID:** YRC623  
**Sample ID:** S0068C CAULKING,WHITE CAULKING AROUND DOOR FRAMES,LOC:77,2014 PHASE CONSTRUCTION  
**Matrix:** Solid  
**Collected:** 2024/03/14  
**Shipped:** 2024/03/19  
**Received:** 2024/03/19

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9303501	N/A	2024/03/28	Dina Yousif

**Bureau Veritas ID:** YRC624  
**Sample ID:** S0069A CAULKING,BROWN CAULKING ON EXPANSION JOINTS AND EXTERIOR DOOR FRAMES,LOC:88, 2014 ADDITION EXTERIOR  
**Matrix:** Solid  
**Collected:** 2024/03/14  
**Shipped:** 2024/03/19  
**Received:** 2024/03/19

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9303501	N/A	2024/03/28	Dina Yousif

**Bureau Veritas ID:** YRC625  
**Sample ID:** S0069B CAULKING,BROWN CAULKING ON EXPANSION JOINTS AND EXTERIOR DOOR FRAMES,LOC:88, 2014 ADDITION EXTERIOR  
**Matrix:** Solid  
**Collected:** 2024/03/14  
**Shipped:** 2024/03/19  
**Received:** 2024/03/19

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9303501	N/A	2024/03/28	Dina Yousif

**Bureau Veritas ID:** YRC625 Dup  
**Sample ID:** S0069B CAULKING,BROWN CAULKING ON EXPANSION JOINTS AND EXTERIOR DOOR FRAMES,LOC:88, 2014 ADDITION EXTERIOR  
**Matrix:** Solid  
**Collected:** 2024/03/14  
**Shipped:** 2024/03/19  
**Received:** 2024/03/19

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9303501	N/A	2024/03/28	Dina Yousif

**Bureau Veritas ID:** YRC626  
**Sample ID:** S0069C CAULKING,BROWN CAULKING ON EXPANSION JOINTS AND EXTERIOR DOOR FRAMES,LOC:88, 2014 ADDITION EXTERIOR  
**Matrix:** Solid  
**Collected:** 2024/03/14  
**Shipped:** 2024/03/19  
**Received:** 2024/03/19

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9303501	N/A	2024/03/28	Dina Yousif

**Bureau Veritas ID:** YRC627  
**Sample ID:** S0070A CEILING,TEXTURE COAT,LOC:89, 2014 ADDITION EXTERIOR  
**Matrix:** Solid  
**Collected:** 2024/03/14  
**Shipped:** 2024/03/19  
**Received:** 2024/03/19

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9303501	N/A	2024/03/28	Dina Yousif

**Bureau Veritas ID:** YRC628  
**Sample ID:** S0070B CEILING,TEXTURE COAT,LOC:89, 2014 ADDITION EXTERIOR  
**Matrix:** Solid  
**Collected:** 2024/03/14  
**Shipped:** 2024/03/19  
**Received:** 2024/03/19

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9303501	N/A	2024/03/28	Dina Yousif



**TEST SUMMARY**

**Bureau Veritas ID:** YRC629  
**Sample ID:** S0070C CEILING,TEXTURE COAT,LOC:89, 2014 ADDITION EXTERIOR  
**Matrix:** Solid  
**Collected:** 2024/03/14  
**Shipped:**  
**Received:** 2024/03/19

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9303501	N/A	2024/03/28	Dina Yousif

**Bureau Veritas ID:** YRC630  
**Sample ID:** S0071A CAULKING,WHITE CAULKING ON EXTERIOR BRICK,LOC:89, 2014 ADDITION EXTERIOR  
**Matrix:** Solid  
**Collected:** 2024/03/14  
**Shipped:**  
**Received:** 2024/03/19

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9303501	N/A	2024/03/28	Dina Yousif

**Bureau Veritas ID:** YRC631  
**Sample ID:** S0071B CAULKING,WHITE CAULKING ON EXTERIOR BRICK,LOC:89, 2014 ADDITION EXTERIOR  
**Matrix:** Solid  
**Collected:** 2024/03/14  
**Shipped:**  
**Received:** 2024/03/19

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9303501	N/A	2024/03/28	Dina Yousif

**Bureau Veritas ID:** YRC632  
**Sample ID:** S0071C CAULKING,WHITE CAULKING ON EXTERIOR BRICK,LOC:89, 2014 ADDITION EXTERIOR  
**Matrix:** Solid  
**Collected:** 2024/03/14  
**Shipped:**  
**Received:** 2024/03/19

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9303501	N/A	2024/03/28	Dina Yousif

**Bureau Veritas ID:** YRC633  
**Sample ID:** S0072A DUCT,CAULKING,WHITE CAULKING ON DUCT,LOC:86,ROOF H  
**Matrix:** Solid  
**Collected:** 2024/03/14  
**Shipped:**  
**Received:** 2024/03/19

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9303501	N/A	2024/03/28	Dina Yousif

**Bureau Veritas ID:** YRC634  
**Sample ID:** S0072B DUCT,CAULKING,WHITE CAULKING ON DUCT,LOC:86,ROOF H  
**Matrix:** Solid  
**Collected:** 2024/03/14  
**Shipped:**  
**Received:** 2024/03/19

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9303501	N/A	2024/03/28	Dina Yousif

**Bureau Veritas ID:** YRC635  
**Sample ID:** S0072C DUCT,CAULKING,WHITE CAULKING ON DUCT,LOC:86,ROOF H  
**Matrix:** Solid  
**Collected:** 2024/03/14  
**Shipped:**  
**Received:** 2024/03/19

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9303501	N/A	2024/03/28	Dina Yousif



### TEST SUMMARY

**Bureau Veritas ID:** YRC635 Dup  
**Sample ID:** S0072C DUCT,CAULKING,WHITE CAULKING ON DUCT,LOC:86,ROOF H  
**Matrix:** Solid

**Collected:** 2024/03/14  
**Shipped:**  
**Received:** 2024/03/19

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9303501	N/A	2024/03/28	Dina Yousif

**Bureau Veritas ID:** YRC636  
**Sample ID:** S0073A DUCT,MASTIC,GREY DUCT MASTIC,LOC:86,ROOF H  
**Matrix:** Solid

**Collected:** 2024/03/14  
**Shipped:**  
**Received:** 2024/03/19

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9303501	N/A	2024/03/28	Dina Yousif

**Bureau Veritas ID:** YRC637  
**Sample ID:** S0073B DUCT,MASTIC,GREY DUCT MASTIC,LOC:86,ROOF H  
**Matrix:** Solid

**Collected:** 2024/03/14  
**Shipped:**  
**Received:** 2024/03/19

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9303501	N/A	2024/03/28	Dina Yousif

**Bureau Veritas ID:** YRC638  
**Sample ID:** S0073C DUCT,MASTIC,GREY DUCT MASTIC,LOC:86,ROOF H  
**Matrix:** Solid

**Collected:** 2024/03/14  
**Shipped:**  
**Received:** 2024/03/19

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9303501	N/A	2024/03/28	Dina Yousif

**Bureau Veritas ID:** YRC639  
**Sample ID:** S0074A TAR,TAR ON VENTS,LOC:86,ROOF H  
**Matrix:** Solid

**Collected:** 2024/03/14  
**Shipped:**  
**Received:** 2024/03/19

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9303501	N/A	2024/03/28	Dina Yousif

**Bureau Veritas ID:** YRC640  
**Sample ID:** S0074B TAR,TAR ON VENTS,LOC:86,ROOF H  
**Matrix:** Solid

**Collected:** 2024/03/14  
**Shipped:**  
**Received:** 2024/03/19

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9303501	N/A	2024/03/28	Dina Yousif

**Bureau Veritas ID:** YRC641  
**Sample ID:** S0074C TAR,TAR ON VENTS,LOC:86,ROOF H  
**Matrix:** Solid

**Collected:** 2024/03/14  
**Shipped:**  
**Received:** 2024/03/19

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9303501	N/A	2024/03/28	Dina Yousif



Bureau Veritas Job #: C482174  
 Report Date: 2024/04/29

Pinchin Ltd  
 Client Project #: 335495.031  
 Sampler Initials: CR

**TEST SUMMARY**

**Bureau Veritas ID:** YRC642  
**Sample ID:** S0075A CAULKING,GREY CAULKING ON FLASHING,LOC:86,ROOF H  
**Matrix:** Solid

**Collected:** 2024/03/14  
**Shipped:**  
**Received:** 2024/03/19

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9303501	N/A	2024/03/28	Dina Yousif

**Bureau Veritas ID:** YRC643  
**Sample ID:** S0075B CAULKING,GREY CAULKING ON FLASHING,LOC:86,ROOF H  
**Matrix:** Solid

**Collected:** 2024/03/14  
**Shipped:**  
**Received:** 2024/03/19

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9303501	N/A	2024/03/28	Dina Yousif

**Bureau Veritas ID:** YRC644  
**Sample ID:** S0075C CAULKING,GREY CAULKING ON FLASHING,LOC:86,ROOF H  
**Matrix:** Solid

**Collected:** 2024/03/14  
**Shipped:**  
**Received:** 2024/03/19

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Asbestos by PLM - 0.5 RDL	MIC	9303501	N/A	2024/03/28	Dina Yousif



BUREAU  
VERITAS

Bureau Veritas Job #: C482174  
Report Date: 2024/04/29

Pinchin Ltd  
Client Project #: 335495.031  
Sampler Initials: CR

### GENERAL COMMENTS

Revised Report (2024/04/29): Client sample IDs have been amended for samples S0069-S0071.

**Results relate only to the items tested.**



BUREAU  
VERITAS

Bureau Veritas Job #: C482174  
Report Date: 2024/04/29

Pinchin Ltd  
Client Project #: 335495.031  
Sampler Initials: CR

### VALIDATION SIGNATURE PAGE

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

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Dina Yousif, Analyst 2

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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.



19-Mar-24 09:32

Nilushi Mahathantila



C482174



AK0 ENV-777

Analyzed by: \_\_\_\_\_

Reviewed by: \_\_\_\_\_

Report Sent by: \_\_\_\_\_

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

Client Name:	KPRDSB	Project Address:	ON
Portfolio/Building No:		Pinchin File:	335495.031
Submitted by:	Cole Reynolds	Email:	<a href="mailto:ccreynolds@pinchin.com">ccreynolds@pinchin.com</a>
CC Results to:		CC Email:	
Date Submitted:	March 14 2024	Required by:	March 21 2024
# of Samples:	35	Priority:	5 Day Turnaround
Year of Building Construction (Mandatory, Years ONLY):	1972		
Do NOT Stop on Positive (Sample Numbers):			
Pinchin Group Company (Mandatory Field):	Pinchin		
HMIS2 Building Reference #:	131429/202421258559786		
<b>To be Completed by Lab Personnel Only:</b>			
Lab Reference #:		Time:	24 hour clock
Received by:	MAR 18 2024	Date:	Month Day Year
Name(s) of Analyst(s):			
Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0065	A	Duct,Mastic,Loc:77,2014 Phase Construction
S	0065	B	Duct,Mastic,Loc:77,2014 Phase Construction
S	0065	C	Duct,Mastic,Loc:77,2014 Phase Construction
S	0066	A	Paint,Off-white Paint On Masonry Wall,Loc:77,2014 Phase Construction
S	0066	B	Paint,Off-white Paint On Masonry Wall,Loc:77,2014 Phase Construction
S	0066	C	Paint,Off-white Paint On Masonry Wall,Loc:77,2014 Phase Construction
S	0066	D	Paint,Off-white Paint On Masonry Wall,Loc:77,2014 Phase Construction
S	0066	E	Paint,Off-white Paint On Masonry Wall,Loc:77,2014 Phase Construction
S	0067	A	Wall,Adhesive/mastic,Loc:77,2014 Phase Construction


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04/19/24

0932 Page 1 of 3

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0067	B	Wall,Adhesive/mastic,Loc:77,2014 Phase Construction
S	0067	C	Wall,Adhesive/mastic,Loc:77,2014 Phase Construction
S	0068	A	Caulking,White Caulking Around Door Frames,Loc:77,2014 Phase Construction
S	0068	B	Caulking,White Caulking Around Door Frames,Loc:77,2014 Phase Construction
S	0068	C	Caulking,White Caulking Around Door Frames,Loc:77,2014 Phase Construction
S	0069	A	Caulking,Brown Caulking On Expansion Joints And Exterior Door Frame,Loc:81,Exterior Wall For Renovation
S	0069	B	Caulking,Brown Caulking On Expansion Joints And Exterior Door Frame,Loc:81,Exterior Wall For Renovation
S	0069	C	Caulking,Brown Caulking On Expansion Joints And Exterior Door Frame,Loc:81,Exterior Wall For Renovation
S	0070	A	Ceiling,Texture Coat,Loc:81,Exterior Wall For Renovation
S	0070	B	Ceiling,Texture Coat,Loc:81,Exterior Wall For Renovation
S	0070	C	Ceiling,Texture Coat,Loc:81,Exterior Wall For Renovation
S	0071	A	Caulking,White Caulking On Exterior Brick,Loc:81,Exterior Wall For Renovation
S	0071	B	Caulking,White Caulking On Exterior Brick,Loc:81,Exterior Wall For Renovation
S	0071	C	Caulking,White Caulking On Exterior Brick,Loc:81,Exterior Wall For Renovation
S	0072	A	Duct,Caulking,White Caulking On Duct,Loc:86,Roof H
S	0072	B	Duct,Caulking,White Caulking On Duct,Loc:86,Roof H
S	0072	C	Duct,Caulking,White Caulking On Duct,Loc:86,Roof H

*[Handwritten signature]*  
 06/23/19 0932

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0073	A	Duct,Mastic,Grey Duct Mastic,Loc:86,Roof H
S	0073	B	Duct,Mastic,Grey Duct Mastic,Loc:86,Roof H
S	0073	C	Duct,Mastic,Grey Duct Mastic,Loc:86,Roof H
S	0074	A	Tar,Tar On Vents,Loc:86,Roof H
S	0074	B	Tar,Tar On Vents,Loc:86,Roof H
S	0074	C	Tar,Tar On Vents,Loc:86,Roof H
S	0075	A	Caulking,Grey Caulking On Flashing,Loc:86,Roof H
S	0075	B	Caulking,Grey Caulking On Flashing,Loc:86,Roof H
S	0075	C	Caulking,Grey Caulking On Flashing,Loc:86,Roof H

  
 WWS/119 JG 02  
 Page 3 of 3



## Pinchin Ltd. Asbestos Laboratory *Certificate of Analysis*

**Project Name:** KPRDSB, ON  
**Project No.:** 0335495.031  
**Prepared For:** C. Reynolds

**Lab Reference No.:** b311934  
**Analyst(s):** D. Wright

<b>Date Received:</b>	<b>April 17, 2024</b>	<b>Samples Submitted:</b>	<b>21</b>
<b>Date Analyzed:</b>	<b>April 17, 2024</b>	<b>Phases Analyzed:</b>	<b>32</b>

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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.

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## Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

**Project Name:** KPRDSB, ON  
**Project No.:** 0335495.031  
**Prepared For:** C. Reynolds

**Lab Reference No.:** b311934  
**Date Analyzed:** April 17, 2024

### BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0076A Caulking, Grey Caulking On Flashing, Loc:87, Roof G	Homogeneous, dark brown, caulking material.	None Detected	Non-Fibrous Material > 75%
S0076B Caulking, Grey Caulking On Flashing, Loc:87, Roof G	Homogeneous, dark brown, caulking material.	None Detected	Non-Fibrous Material > 75%
S0076C Caulking, Grey Caulking On Flashing, Loc:87, Roof G	Homogeneous, dark brown, caulking material.	None Detected	Non-Fibrous Material > 75%
S0077A Caulking, Brown Caulking On Flashing, Loc:88, Roof F2	Homogeneous, dark brown, caulking material.	None Detected	Non-Fibrous Material > 75%
S0077B Caulking, Brown Caulking On Flashing, Loc:88, Roof F2	Homogeneous, dark brown, caulking material.	None Detected	Non-Fibrous Material > 75%
S0077C Caulking, Brown Caulking On Flashing, Loc:88, Roof F2	Homogeneous, dark brown, caulking material.	None Detected	Non-Fibrous Material > 75%
S0078A Tar, Tar On Vents, Loc:88, Roof F2	Homogeneous, black, brittle, tar material.	None Detected	Tar Material > 75%
S0078B Tar, Tar On Vents, Loc:88, Roof F2	Homogeneous, black, brittle, tar material.	None Detected	Tar Material > 75%





## Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

**Project Name:** KPRDSB, ON  
**Project No.:** 0335495.031  
**Prepared For:** C. Reynolds

**Lab Reference No.:** b311934  
**Date Analyzed:** April 17, 2024

### BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0078C Tar, Tar On Vents, Loc:88, Roof F2	Homogeneous, black, brittle, tar material.	None Detected	Tar Material > 75%
S0079A Floor, Vinyl Floor Tile & Mastic, 12" x 12" Off-White With Brown Specks, Loc:52, Kindergarten	a) Homogeneous, white, consolidated, vinyl floor tile.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, black, soft, sticky material on the back of vinyl floor tile.	None Detected	Tar and other Non-Fibrous Material > 75%
S0079B Floor, Vinyl Floor Tile & Mastic, 12" x 12" Off-White With Brown Specks, Loc:52, Kindergarten	a) Homogeneous, white, consolidated, vinyl floor tile.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, black, soft, sticky material on the back of vinyl floor tile.	None Detected	Tar and other Non-Fibrous Material > 75%
S0079C Floor, Vinyl Floor Tile & Mastic, 12" x 12" Off-White With Brown Specks, Loc:52, Kindergarten	a) Homogeneous, white, consolidated, vinyl floor tile.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, black, soft, sticky material on the back of vinyl floor tile.	None Detected	Tar and other Non-Fibrous Material > 75%
Comments:	Phase b) is small in size.		



## Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

**Project Name:** KPRDSB, ON  
**Project No.:** 0335495.031  
**Prepared For:** C. Reynolds

**Lab Reference No.:** b311934  
**Date Analyzed:** April 17, 2024

### BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0080A Other, Firestopping (Mastic), Brown Firestopping, Loc:48, Corridor	Homogeneous, reddish brown, rubbery, mastic material.	None Detected	Non-Fibrous Material > 75%
Comments:	Man-made vitreous fibres are present on the surface of this sample.		
S0080B Other, Firestopping (Mastic), Brown Firestopping, Loc:48, Corridor	Homogeneous, reddish brown, rubbery, mastic material.	None Detected	Non-Fibrous Material > 75%
Comments:	Man-made vitreous fibres are present on the surface of this sample.		
S0080C Other, Firestopping (Mastic), Brown Firestopping, Loc:48, Corridor	Homogeneous, reddish brown, rubbery, mastic material.	None Detected	Non-Fibrous Material > 75%
Comments:	Man-made vitreous fibres are present on the surface of this sample.		
S0081A Floor, Vinyl Floor Tile & Mastic, 12" x 12" White With Grey Splotch, Loc:40, Classroom	3 Phases: a) Homogeneous, white, consolidated, vinyl floor tile.  b) Homogeneous, black, soft, sticky material on the back of vinyl floor tile.  c) Homogeneous, grey, levelling compound.	None Detected  None Detected  None Detected	Non-Fibrous Material > 75%  Tar and other Non-Fibrous Material > 75%  Non-Fibrous Material > 75%



## Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

**Project Name:** KPRDSB, ON  
**Project No.:** 0335495.031  
**Prepared For:** C. Reynolds

**Lab Reference No.:** b311934  
**Date Analyzed:** April 17, 2024

### BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0081B Floor, Vinyl Floor Tile & Mastic, 12" x 12" White With Grey Splotch, Loc:40, Classroom	4 Phases: a) Homogeneous, white, consolidated, vinyl floor tile.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, black, soft, sticky material on the back of vinyl floor tile.	None Detected	Tar and other Non-Fibrous Material > 75%
	c) Homogeneous, grey, levelling compound.	None Detected	Non-Fibrous Material > 75%
	d) Homogeneous, light grey, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%
Comments:	Phase d) is small in size.		
S0081C Floor, Vinyl Floor Tile & Mastic, 12" x 12" White With Grey Splotch, Loc:40, Classroom	4 Phases: a) Homogeneous, white, consolidated, vinyl floor tile.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, black, soft, sticky material on the back of vinyl floor tile.	None Detected	Tar and other Non-Fibrous Material > 75%
	c) Homogeneous, grey, levelling compound.	None Detected	Non-Fibrous Material > 75%
	d) Homogeneous, light grey, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%
Comments:	Phase d) is small in size.		





## Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project Name: KPRDSB, ON  
Project No.: 0335495.031  
Prepared For: C. Reynolds

Lab Reference No.: b311934  
Date Analyzed: April 17, 2024

### BULK SAMPLE ANALYSIS

SAMPLE IDENTIFICATION	SAMPLE DESCRIPTION	% COMPOSITION (VISUAL ESTIMATE)	
		ASBESTOS	OTHER
S0082A Caulking, Light Grey Caulking On Exterior Window Cages, Loc:81, Exterior Wall For Renovation	Homogeneous, light grey, sticky, rubbery, caulking material.	None Detected	Non-Fibrous Material > 75%
S0082B Caulking, Light Grey Caulking On Exterior Window Cages, Loc:81, Exterior Wall For Renovation	Homogeneous, light grey, sticky, rubbery, caulking material.	None Detected	Non-Fibrous Material > 75%
S0082C Caulking, Light Grey Caulking On Exterior Window Cages, Loc:81, Exterior Wall For Renovation	Homogeneous, light grey, sticky, rubbery, caulking material.	None Detected	Non-Fibrous Material > 75%

Reviewed by:

Digitally signed by  
Pinchin Ltd.  
Date: 2024.04.17  
17:44:13-04'00'

Reporting Analyst:

Digitally signed by  
Pinchin Ltd.  
Date: 2024.04.17  
17:44:30-04'00'

Analyzed by: DW  
 Reviewed by: [Signature]  
 Report Sent by: [Signature]

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

Client Name:	KPRDSB	Project Address:	ON
Portfolio/Building No:		Pinchin File:	335495.031
Submitted by:	Cole Reynolds	Email:	<a href="mailto:ccreynolds@pinchin.com">ccreynolds@pinchin.com</a>
CC Results to:	Rachel Northey	CC Email:	<a href="mailto:rnorthey@pinchin.com">rnorthey@pinchin.com</a>
Date Submitted:	April 16 2024	Required by:	April 18 2024
# of Samples:	21	Priority:	Rush Turnaround
Year of Building Construction (Mandatory, Years ONLY):	1972		
Do NOT Stop on Positive (Sample Numbers):			
Pinchin Group Company (Mandatory Field):	Pinchin		
HMIS2 Building Reference #:	131429/202421258559786		

**To be Completed by Lab Personnel Only:**

Lab Reference #:	<u>b311934 CK</u>	Time:	24 hour clock
Received by:	<u>APR 17 2024</u>	Date:	<u>4/17/24</u> Month Day Year
Name(s) of Analyst(s):	<u>DWRIGHT</u>		

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0076	A	Caulking, Grey Caulking On Flashing, Loc:87, Roof G ND
S	0076	B	Caulking, Grey Caulking On Flashing, Loc:87, Roof G ND
S	0076	C	Caulking, Grey Caulking On Flashing, Loc:87, Roof G ND
S	0077	A	Caulking, Brown Caulking On Flashing, Loc:88, Roof F2 ND
S	0077	B	Caulking, Brown Caulking On Flashing, Loc:88, Roof F2 ND
S	0077	C	Caulking, Brown Caulking On Flashing, Loc:88, Roof F2 ND
S	0078	A	Tar, Tar On Vents, Loc:88, Roof F2 ND
S	0078	B	Tar, Tar On Vents, Loc:88, Roof F2 ND
S	0078	C	Tar, Tar On Vents, Loc:88, Roof F2 ND

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
S	0079	A	Floor,Vinyl Floor Tile & Mastic,12" x 12" Off-White With Brown Specks,Loc:52,Kindergarten a)ND b)ND
S	0079	B	Floor,Vinyl Floor Tile & Mastic,12" x 12" Off-White With Brown Specks,Loc:52,Kindergarten a)ND b)ND
S	0079	C	Floor,Vinyl Floor Tile & Mastic,12" x 12" Off-White With Brown Specks,Loc:52,Kindergarten a)ND b)ND
S	0080	A	Other,Firestopping (Mastic),Brown Firestopping,Loc:48,Corridor ND
S	0080	B	Other,Firestopping (Mastic),Brown Firestopping,Loc:48,Corridor ND
S	0080	C	Other,Firestopping (Mastic),Brown Firestopping,Loc:48,Corridor ND
S	0081	A	Floor,Vinyl Floor Tile & Mastic,12" x 12" White With Grey Splotch,Loc:40,Classroom a)ND b)ND c)ND
S	0081	B	Floor,Vinyl Floor Tile & Mastic,12" x 12" White With Grey Splotch,Loc:40,Classroom a)ND b)ND c)ND d)ND
S	0081	C	Floor,Vinyl Floor Tile & Mastic,12" x 12" White With Grey Splotch,Loc:40,Classroom a)ND b)ND c)ND d)ND
S	0082	A	Caulking,Light Grey Caulking On Exterior Window Cages,Loc:81,Exterior Wall For Renovation ND
S	0082	B	Caulking,Light Grey Caulking On Exterior Window Cages,Loc:81,Exterior Wall For Renovation ND
S	0082	C	Caulking,Light Grey Caulking On Exterior Window Cages,Loc:81,Exterior Wall For Renovation ND

**APPENDIX II-B**  
**Lead Analytical Certificates**



# Analysis for Lead Concentration in Paint Chips

by Flame Atomic Absorption Spectroscopy  
EPA SW-846 3050B/6010C/7000B



**Customer:** Pinchin Ltd.  
204-160 Charlotte Street  
Peterborough, ON K9J 2T8

**Attn:** Jordan Birney  
Chris Fennell

**Lab Order ID:** 71957283  
**Analysis ID:** 71957283\_PBP  
**Date Received:** 1/7/2021  
**Date Reported:** 1/11/2021

**Project:** HBMA Murray Centennial PS

Sample ID	Description	Mass	Concentration	Concentration
Lab Sample ID	Lab Notes	(g)	(ppm)	(% by weight)
L0001	Red paint on structural steel in Storage Room 110A (Location 8)	0.0686	3200	0.32%
71957283PBP_1				
L0002	Off-white paint on masonry wall in Corridor H3 (Location 47)	0.0566	650	0.065%
71957283PBP_2				
L0003	Blue paint on metal door frame in Storage Room 110A (Location 8)	0.0702	88	0.0088%
71957283PBP_3				
L0004	White paint on drywall ceiling in Corridor H3 (Location 47)	0.0637	< 63	< 0.0063%
71957283PBP_4				
L0005	Off-white paint on masonry wall in Mech Room 116 (Location 1)	0.0742	1300	0.13%
71957283PBP_5				
L0006	Dark blue paint on metal door in Mech Room 116 (Location 1)	0.0664	300	0.030%
71957283PBP_6				
L0007	White paint on structural steel in Electrical Room 116E (Location 75)	0.0619	1100	0.11%
71957283PBP_7				
L0008	Yellow paint on concrete floor in Mech Room 116A (Location 2)	0.0519	110	0.011%
71957283PBP_8				
L0009	Grey paint on concrete floor in Mech Room 116A (Location 2)	0.0709	1600	0.16%
71957283PBP_9				
L0010	Beige paint on metal boiler in Mech Room 116A (Location 2)	0.0700	< 57	< 0.0057%
71957283PBP_10				

Unless otherwise noted blank sample correction was not performed on analytical results. Scientific Analytical Institute participates in the AIHA ELPAT program. ELPAT Laboratory ID: 173190. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. Analytical uncertainty available upon request. The quality control samples run with the samples in this report have passed all EPA required specifications unless otherwise noted. RL: (Report Limit for an undiluted 50ml sample is 4µg Total Pb). Unless indicated, areas and volumes were provided by the customer.

Athena Summa (10)

Analyst

Scientific Analytical Institute, Inc. 4604 Dundas Dr. Greensboro, NC 27407 (336) 292-3888

Laboratory Director



# Analysis for Lead Concentration in Paint Chips

by Flame Atomic Absorption Spectroscopy  
EPA SW-846 3050B/6010C/7000B



**Customer:** Pinchin Ltd.  
191 Bloor Street East  
Oshawa, ON L1H 3M3

**Attn:** Meaghan Dunn  
Rachel Northey

**Lab Order ID:** 10013738

**Analysis:** PBP

**Date Received:** 01/12/2023

**Date Reported:** 01/19/2023

**Project:** 319531

Sample ID	Description	Mass (g)	Concentration (ppm)	Concentration (% by weight)
Lab Sample ID	Lab Notes			
L0011	Wall, Concrete (precast), White Paint On Concrete Block Wall, Loc:52, Kindergarten	0.1284	190	0.019%
10013738_0001				

Disclaimer: Unless otherwise noted blank sample correction was not performed on analytical results. Scientific Analytical Institute participates in the AIHA ELPAT program. ELPAT Laboratory ID: 173190. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. Analytical uncertainty available upon request. The quality control samples run with the samples in this report have passed all EPA required specifications unless otherwise noted. RL: (Report Limit for an undiluted 50ml sample is 4µg Total Pb).

Athena Summa (1)

Analyst

Approved Signatory



# Analysis for Lead Concentration in Paint Chips

by Flame Atomic Absorption Spectroscopy  
EPA SW-846 3050B/6010C/7000B



**Customer:** Pinchin Ltd.  
204-160 Charlotte Street  
Peterborough, ON K9J 2T8

**Attn:** Rachel Northey  
Caitlin Snarr  
Nicholas Robinson

**Lab Order ID:** 10034571  
**Analysis:** PBP  
**Date Received:** 10/11/2023  
**Date Reported:** 10/18/2023

**Project:** KPR Roofing HBMA Murray Centennial

Sample ID	Description	Mass (g)	Concentration (ppm)	Concentration (% by weight)
Lab Sample ID	Lab Notes			
L0012	Brown paint on vent - Roof F1	0.0597	71000	7.1%
10034571_0001				

Disclaimer: Unless otherwise noted blank sample correction was not performed on analytical results. Scientific Analytical Institute participates in the AIHA ELPAT program. ELPAT Laboratory ID: 173190. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. Analytical uncertainty available upon request. The quality control samples run with the samples in this report have passed all EPA required specifications unless otherwise noted. RL: (Report Limit for an undiluted 50ml sample is 4µg Total Pb).

Kristina Dumais (1)

Analyst

Approved Signatory



Your Project #: 335495.031  
Your C.O.C. #: N/A

**Attention: Conor Keay**

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

**Report Date: 2024/08/07**  
Report #: R8266819  
Version: 1 - Final

**CERTIFICATE OF ANALYSIS**

**BUREAU VERITAS JOB #: C4N9593**  
**Received: 2024/08/06, 10:59**

Sample Matrix: Solid  
# Samples Received: 2

<b>Analyses</b>	<b>Quantity</b>	<b>Date Extracted</b>	<b>Date Analyzed</b>	<b>Laboratory Method</b>	<b>Analytical Method</b>
Metals in Paint	2	2024/08/07	2024/08/07	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. This Certificate shall not be reproduced except in full, without the written approval of the laboratory.

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 #: 335495.031  
Your C.O.C. #: N/A

**Attention: Conor Keay**

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

**Report Date: 2024/08/07**  
Report #: R8266819  
Version: 1 - Final

**CERTIFICATE OF ANALYSIS**

**BUREAU VERITAS JOB #: C4N9593**  
**Received: 2024/08/06, 10:59**

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

Bureau Veritas Job #: C4N9593  
Report Date: 2024/08/07

Pinchin Ltd  
Client Project #: 335495.031  
Sampler Initials: CK

### ELEMENTS BY ATOMIC SPECTROSCOPY (SOLID)

<b>Bureau Veritas ID</b>		ZXM028		ZXM029		
<b>Sampling Date</b>						
<b>COC Number</b>		N/A		N/A		
	<b>UNITS</b>	<b>L0014,LIGHT GREEN,LOC:19,STORAGE</b>	<b>RDL</b>	<b>L0015,WHITE,LOC:19,STORAGE</b>	<b>RDL</b>	<b>QC Batch</b>
<b>Metals</b>						
Lead (Pb)	%	1.6	0.0020	0.020	0.00026	9560974
RDL = Reportable Detection Limit QC Batch = Quality Control Batch						



**BUREAU  
VERITAS**

Bureau Veritas Job #: C4N9593  
Report Date: 2024/08/07

Pinchin Ltd  
Client Project #: 335495.031  
Sampler Initials: CK

### TEST SUMMARY

**Bureau Veritas ID:** ZXM028  
**Sample ID:** L0014,LIGHT GREEN,LOC:19,STORAGE  
**Matrix:** Solid

**Collected:**  
**Shipped:**  
**Received:** 2024/08/06

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Metals in Paint	ICP	9560974	2024/08/07	2024/08/07	Jolly John

**Bureau Veritas ID:** ZXM029  
**Sample ID:** L0015,WHITE,LOC:19,STORAGE  
**Matrix:** Solid

**Collected:**  
**Shipped:**  
**Received:** 2024/08/06

Test Description	Instrumentation	Batch	Extracted	Date Analyzed	Analyst
Metals in Paint	ICP	9560974	2024/08/07	2024/08/07	Jolly John



**BUREAU  
VERITAS**

Bureau Veritas Job #: C4N9593  
Report Date: 2024/08/07

Pinchin Ltd  
Client Project #: 335495.031  
Sampler Initials: CK

### GENERAL COMMENTS

Sample ZXM029 [L0015,WHITE,LOC:19,STORAGE] : Metal 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.**



### QUALITY ASSURANCE REPORT

QA/QC Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
9560974	JOH	Matrix Spike	Lead (Pb)	2024/08/07		93	%	75 - 125
9560974	JOH	QC Standard	Lead (Pb)	2024/08/07		104	%	75 - 125
9560974	JOH	Method Blank	Lead (Pb)	2024/08/07	<0.000099		%	
9560974	JOH	RPD	Lead (Pb)	2024/08/07	NC		%	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.

NC (Duplicate RPD): The duplicate RPD was not calculated. The concentration in the sample and/or duplicate was too low to permit a reliable RPD calculation (absolute difference <= 2x RDL).



BUREAU  
VERITAS

Bureau Veritas Job #: C4N9593  
Report Date: 2024/08/07

Pinchin Ltd  
Client Project #: 335495.031  
Sampler Initials: CK

### VALIDATION SIGNATURE PAGE

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

*Cristina Carriere*

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Cristina Carriere, Senior Scientific Specialist

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**RUSH!**

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



NONT-2024-08-713

**CHAIN OF CUSTODY RECORD**

Page \_\_\_\_ of \_\_\_\_

Invoice Information		Report Information (if differs from invoice)				Project Information (where applicable)				Turnaround Time (TAT) Required			
Company Name: <b>Pinchin Ltd.</b>		Company Name: _____				Quotation #: _____				<input type="checkbox"/> Regular TAT (5-7 days) Most analyses			
Contact Name: <b>Conor Keay</b>		Contact Name: _____				P.O. #/ AFE#: _____				PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS			
Address: <b>204 Charolette St Peterborough Ontario</b>		Address: _____				Project #: <b>335495.031</b>				Rush TAT (Surcharges will be applied)			
Phone: _____ Fax: _____		Phone: _____ Fax: _____				Site Location: _____				<input checked="" type="checkbox"/> 1 Day <input type="checkbox"/> 2 Days <input type="checkbox"/> 3-4 Days			
Email: <b>ckeay@pinchin.com</b>		Email: _____				Site #: _____				Date Required: _____			
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				Rush Confirmation #: _____			
Sampled By: <b>Conor Keay</b>													
Regulation 153		Other Regulations		Analysis Requested								LABORATORY USE ONLY	
<input type="checkbox"/> Table 1 <input type="checkbox"/> Res/Park <input type="checkbox"/> Med/ Fine <input type="checkbox"/> Table 2 <input type="checkbox"/> Ind/Comm <input type="checkbox"/> Coarse <input type="checkbox"/> Table 3 <input type="checkbox"/> Agri/ Other <input type="checkbox"/> Table _____ <b>FOR RSC (PLEASE CIRCLE) Y / N</b>		<input type="checkbox"/> CCME <input type="checkbox"/> Sanitary Sewer Bylaw <input type="checkbox"/> MISA <input type="checkbox"/> Storm Sewer Bylaw <input type="checkbox"/> PWQO <input type="checkbox"/> Region _____ <input type="checkbox"/> Other (Specify) _____ <input type="checkbox"/> REG 558 (MIN. 3 DAY TAT REQUIRED) <input type="checkbox"/> REG 406 Table _____		# 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								CUSTODY SEAL Y / N Present Intact COOLING MEDIA PRESENT: 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									COMMENTS
L0014, Light Green, Loc:19, Storage				BULK									
L0015, White, Loc:19, Storage				BULK									
RELINQUISHED BY: (Signature/Print)		DATE: (YYYY/MM/DD)	TIME: (HH:MM)	RECEIVED BY: (Signature/Print)	DATE: (YYYY/MM/DD)	TIME: (HH:MM)	BV JOB #						
<i>[Signature]</i>		2024/08/06		<i>[Signature]</i>	2024/08/06	1059							

2024/08/06 10:59  
CAN9593



Your Project #: 335495.031  
Your C.O.C. #: n/a

**Attention: Cole Reynolds**

Pinchin Ltd  
191 Bloor St E  
Unit 11  
Oshawa, ON  
CANADA L1H 3M3

**Report Date: 2024/03/21**  
Report #: R8075496  
Version: 1 - Final

**CERTIFICATE OF ANALYSIS**

**BUREAU VERITAS JOB #: C481112**

**Received: 2024/03/18, 09:19**

Sample Matrix: Solid  
# Samples Received: 1

Analyses	Quantity	Date Extracted	Date Analyzed	Laboratory Method	Analytical Method
Metals in Paint	1	2024/03/21	2024/03/21	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. This Certificate shall not be reproduced except in full, without the written approval of the laboratory.

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 #: 335495.031  
Your C.O.C. #: n/a

**Attention: Cole Reynolds**

Pinchin Ltd  
191 Bloor St E  
Unit 11  
Oshawa, ON  
CANADA L1H 3M3

**Report Date: 2024/03/21**  
Report #: R8075496  
Version: 1 - Final

**CERTIFICATE OF ANALYSIS**

**BUREAU VERITAS JOB #: C481112**  
**Received: 2024/03/18, 09:19**

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

=====  
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BUREAU  
VERITAS

Bureau Veritas Job #: C481112  
Report Date: 2024/03/21

Pinchin Ltd  
Client Project #: 335495.031  
Sampler Initials: CR

**ELEMENTS BY ATOMIC SPECTROSCOPY (SOLID)**

<b>Bureau Veritas ID</b>		YQW368			
<b>Sampling Date</b>		2024/03/13 17:00			
<b>COC Number</b>		n/a			
	<b>UNITS</b>	<b>L0013, OFF-WHITE PAINT ON MASONRY WALL, LOC: 77, 2014 PHASE</b>	<b>RDL</b>	<b>MDL</b>	<b>QC Batch</b>
<b>Metals</b>					
Lead (Pb)	%	<0.00013	0.00013	0.000039	9287984
RDL = Reportable Detection Limit QC Batch = Quality Control Batch					



**BUREAU  
VERITAS**

Bureau Veritas Job #: C481112  
Report Date: 2024/03/21

Pinchin Ltd  
Client Project #: 335495.031  
Sampler Initials: CR

### GENERAL COMMENTS

Sample YQW368 [L0013,OFF-WHITE PAINT ON MASONRY WALL,LOC:77,2014 PHASE] : Metal 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.**



BUREAU  
VERITAS

Bureau Veritas Job #: C481112

Report Date: 2024/03/21

### QUALITY ASSURANCE REPORT

Pinchin Ltd

Client Project #: 335495.031

Sampler Initials: CR

QC Batch	Parameter	Date	Matrix Spike		Method Blank		RPD		QC Standard	
			% Recovery	QC Limits	Value	UNITS	Value (%)	QC Limits	% Recovery	QC Limits
9287984	Lead (Pb)	2024/03/21	83	75 - 125	<0.00010	%	15	35	100	75 - 125

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.



BUREAU  
VERITAS

Bureau Veritas Job #: C481112

Report Date: 2024/03/21

Pinchin Ltd

Client Project #: 335495.031

Sampler Initials: CR

## VALIDATION SIGNATURE PAGE

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

A handwritten signature in cursive script that reads 'Cristina Carriere'.

---

Cristina Carriere, Senior Scientific Specialist

---

---

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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**

Page \_\_\_\_ of \_\_\_\_

Invoice Information		Report Information (if differs from invoice)		Project Information (where applicable)		Turnaround Time (TAT) Required								
Company Name: <b>Pinchin Ltd.</b>		Company Name:		Quotation #:		<input checked="" type="checkbox"/> Regular TAT (5-7 days) Most analyses								
Contact Name: <b>Cole Reynolds</b>		Contact Name:		P.O. #/ AFE#:		PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS								
Address: <b>11-191 Bloor Street E, Oshawa, ON</b>		Address:		Project #: <b>335495.031</b>		Rush TAT (Surcharges will be applied)								
Phone: _____ Fax: _____		Phone: _____ Fax: _____		Site Location:		<input type="checkbox"/> 1 Day <input type="checkbox"/> 2 Days <input type="checkbox"/> 3-4 Days								
Email: <b>ccreynolds@pinchin.com</b>		Email:		Site #:		Date Required:								
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		Rush Confirmation #:								
Sampled By: <b>Cole Reynolds</b>														
Regulation 153		Other Regulations		Analysis Requested								LABORATORY USE ONLY		
<input type="checkbox"/> Table 1 <input type="checkbox"/> Res/Park <input type="checkbox"/> Med/ Fine <input type="checkbox"/> Table 2 <input type="checkbox"/> Ind/Comm <input type="checkbox"/> Coarse <input type="checkbox"/> Table 3 <input type="checkbox"/> Agri/ Other <input type="checkbox"/> Table _____ <b>FOR RSC (PLEASE CIRCLE) Y / N</b>		<input type="checkbox"/> CCME <input type="checkbox"/> Sanitary Sewer Bylaw <input type="checkbox"/> MISA <input type="checkbox"/> Storm Sewer Bylaw <input type="checkbox"/> PWQO <input type="checkbox"/> Region _____ <input type="checkbox"/> Other (Specify) _____ <input type="checkbox"/> REG 558 (MIN. 3 DAY TAT REQUIRED) <input type="checkbox"/> REG 406 Table _____		# OF CONTAINERS SUBMITTED REG FILTERED (CIRCLE) Metals / Hg / CrVI BTEX/PHC F1 PHEs 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								CUSTODY SEAL Y / N Present Intact COOLER TEMPERATURES COOLING MEDIA PRESENT: Y / <input checked="" type="checkbox"/> N		
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										
L0013, Off-white Paint On Masonry Wall, Loc:77, 2014 Phase		2024-03-13	17:00	BULK										
RELINQUISHED BY: (Signature/Print)		DATE: (YYYY/MM/DD)	TIME: (HH-MM)	RECEIVED BY: (Signature/Print)		DATE: (YYYY/MM/DD)		TIME: (HH-MM)						
Cole Reynolds		2024-03-14	9:00	<i>[Signature]</i>		2024-03-18		0919				SBS ENV-1578		

18-Mar-24 09:19  
 Nilushi Mahathantila  
 C481112  
 SBS ENV-1578

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 II-C**  
**PCB Analytical Certificates**

## Certificate of Analysis

Meaghan Dunn - Project Coordinator

Pinchin Ltd. (Oshawa)  
191 Bloor St E, Oshawa, Ont, L1H 3M3

Date of Issue: Jan 12, 2023

**Report Description:** 4 solid samples were submitted for the following chemical analysis

**Project Name:** Pre-Reno HBMA  
**Project No.:** 319531.000  
**Site Location:** Trenton, Ontario

**Date Sampled:** Dec 28, 2022  
**Date Tested:** Jan 12, 2023  
**Sampled by:** Meaghan D

### Report Number: 23-0041

No.	Analyte	Result	Units	MDL	Comments	Technique / Test Method
<b>1</b>	<b><u>Sample ID.:</u> P0001 Grey Caulking On Exterior Door, Loc:81, Exterior Wall For Renovation</b>					
	PCBs in Solid	<0.2	mg/kg	0.2		LAB-M06 (EPA 3550C/8082A modified)
<b>2</b>	<b><u>Sample ID.:</u> P0002 White Caulking On Interior Side Of Door, Loc:52, Kindergarten</b>					
	PCBs in Solid	<0.2	mg/kg	0.2		LAB-M06 (EPA 3550C/8082A modified)
<b>3</b>	<b><u>Sample ID.:</u> P0003 Dark Grey Caulking on Exterior Door, Loc:81, Exterior Wall For Renovation</b>					
	PCBs in Solid	<0.2	mg/kg	0.2		LAB-M06 (EPA 3550C/8082A modified)
<b>4</b>	<b><u>Sample ID.:</u> P0004 White Caulking Between Fascia Panels, Loc:81, Exterior Wall For Renovation</b>					
	PCBs in Solid	<0.2	mg/kg	0.2		LAB-M06 (EPA 3550C/8082A modified)

Results relate only to the samples tested above, as received.

Approved By:

**Son C.H. Le, (Chem.)**

Lab Manager

Phone: (519) 740-1333 Ext.: 1030

Fax: (519) 740-2320

Email: SonLe@aevitas.ca

The Analytical Chemistry Laboratory of Aevitas Inc. (Ayr) is accredited for specific tests in accordance with the recognized International Standard ISO/IEC 17025:2017, by the Canadian Association for Laboratory Accreditation (CALA) Inc. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017). The laboratory quality management system of Aevitas Inc. (Ayr) also operates in accordance with the principles of ISO 9001.

All Analytical data is subject to uncertainty which, may vary with sample matrices, sample preparation techniques and instrumental parameters. As a general guideline, uncertainty may be expressed as approximately +/- 50% of the reported value at or near the Method Detection Limit (MDL) and +/-10% or less, of the reported result that is greater than 10 times the MDL. Method Detection Limits are defined as approximately 3 times the standard deviation value (at 99% confidence level), which is obtained from replicate analysis of a low-level standard as per the Ontario MOE - MISA Protocol for the Sampling and Analysis of Industrial / Municipal Wastewater (2016). MDL determination is based on undiluted samples with relatively low matrix interferences. Where dilutions are required, the reported MDL value will be scaled proportionally.

All testing procedures follow strict guidelines and quality assurance / quality control (QA/QC) protocols. QA/QC data is available for review at any time upon client's request.



## Certificate of Analysis

Cole Reynolds

Pinchin Ltd. (Oshawa)  
11-191 Bloor St. E., Oshawa, ON, L1H 3M3

Date of Issue: Apr 18, 2024

**Report Description:** 1 solid sample was submitted for the following chemical analysis

<b>Project Name:</b> N/A	<b>Date Sampled:</b> Apr 15, 2024
<b>Project No.:</b> 335495.031	<b>Date Tested:</b> Apr 18, 2024
<b>Site Location:</b> N/A	<b>Sampled by:</b> Cole R

### Report Number: 24-0455

No.	Analyte	Result	Units	MDL	Comments	Technique / Test Method
1	<u>Sample ID:</u> <b>P0005 Caulking, Light Grey Caulking On Exterior Window Cages, Loc:81, Exterior Wall For Renovation</b>					
	PCBs in Solid	<0.2	mg/kg	0.2		LAB-M06 (EPA 3550C/8082A modified)

Results relate only to the samples tested above, as received.

Approved By:

**Son C.H. Le, (Chem.)**  
Lab Manager  
Phone: (519) 740-1333 Ext.: 1030  
Fax: (519) 740-2320  
Email: SonLe@aevitas.ca

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All testing procedures follow strict guidelines and quality assurance / quality control (QA/QC) protocols. QA/QC data is available for review at any time upon client's request.

**APPENDIX III**  
**Methodology**



## **1.0 GENERAL**

An inspection 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 inspection 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.

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 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.



<b>Jurisdiction</b>	<b>Friable</b>	<b>Non-Friable</b>
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); and
- 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 was 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.

<b>Jurisdiction*</b>	<b>Units (%)</b>	<b>Units (ppm) / (mg/kg)</b>
Ontario	0.1	1000

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 was identified by visually 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.

Caulking was sampled and submitted for PCB analysis following EPA 3550C/8082A.

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.

Template: Methodology for Hazardous Building Materials Assessment, HAZ, November 23, 2021

**APPENDIX IV**  
**Location Summary Report**

**Client:** Kawartha Pine Ridge District School Board  
**Building Name:** Murray Centennial  
**Survey Date:**  
**Building Phases:** A:

**Site:** 654 County Road 40, Trenton, ON  
**Last Re-Assessment:**

Location No.	Name or Description	Area ft <sup>2</sup>	Floor No.	Bldg. Phase	Notes
3	Custodian Office, room no. 104	80	1		
8	Electrical Room, room no. 110A	175	1	A	Previously Storage Room
12	Multi-Purpose Room, room no. 119	600	1		
19	Storage, room no. 103C	250	1	A	
28	Corridor, room no. H1	3200	1		
32	Corridor, room no. H2	1100	1		
34	Corridor, room no. H4	1000	1	A	
39	Kindergarten, room no. 115	1000	1		Includes washroom.
40	Classroom, room no. 114-1	600	1		
47	Corridor, room no. H3	3000	1		
48	Corridor, room no. H5	1000	1		
50	Classroom, room no. 114-2	700	1		
51	Classroom, room no. 114-3	600	1		
52	Kindergarten, room no. 121	600	1	A	
53	Kindergarten, room no. 120	600	1	A	
73	Washroom, room no. 120A	40	1		
74	Washroom, room no. 121A	40	1		
77	2014 Phase Construction, room no. H9, V10, 1	2000	NA		Includes all of 2014 construction. No asbestos containing materials present.
81	Exterior Wall For Renovation	1000		B	
86	Roof H	2000		A	2014 addition
87	Roof G	4000		A	
88	Roof F2	5000		A	
89	2014 Addition Exterior	500		A	

**APPENDIX V**  
**Hazardous Materials Summary Report / Sample Log**



Client:Kawartha Pine Ridge District School Board

Site: 654 County Road 40, Trenton, ON

Building Name: Murray Centennial

Survey Date:

HAZMAT	Sample No	System/Component/Material/Sample Description	Locations	Bldg. Phase	LF	SF	EA	%	Type	Positive	Friability
Asbestos	S0001	Wall     Drywall And Joint Compound   Drywall, Wall, Loc. 1	12		0	15	0	0	Chrysotile	Yes	NF
Asbestos	S0002	Floor     Vinyl Floor Tile And Mastic   Vinly Floor Tile, Loc. 3	3		0	80	0	0	None Detected	No	
Asbestos	S0004	Floor     Vinyl Floor Tile   Vinyl Floor Tile, Loc. 8	8	A	0	175	0	0	Chrysotile	Yes	NF
Asbestos	S0006	Floor     Vinyl Floor Tile   Vinyl Floor Tile, Loc. 12	12		0	600	0	0	Chrysotile	Yes	NF
Asbestos	V0007	Floor     Vinyl Floor Tile   Vinyl Floor Tile, Loc. 13	19	A	0	150	0	0	Chrysotile	Yes	NF
Asbestos	V0009	Ceiling     Ceiling Tiles (lay-in)   At-07, Ceiling Tile, Loc. 14	19	A	0	50	0	0	None Detected	No	
Asbestos	V0010	Floor     Vinyl Floor Tile   Vinyl Floor Tile, Loc. 17	19	A	0	100	0	0	Chrysotile	Yes	NF
Asbestos	V0011	Piping   Hot Water Heating   Parging Cement   Parging Cement, Loc. 17	19	A	0	0	9	0	Chrysotile	Yes	F
Asbestos	S0027 ABC	Other     Caulking   White Caulking, Classroom 120, Loc 53	52,53	A	40	0	0	0	None Detected	No	
Asbestos	S0028 ABC	Other   Base   Adhesive/mastic   Baseboard Adhesive In Classroom 120, Loc. 53.	53	A	30	0	0	0	Chrysotile	No	
Asbestos	S0029 ABC	Other   Sink   Mastic   Grey Adhesive On The Sink In Classroom 114-3, Loc. 51	51,53	A	0	0	3	0	None Detected	No	
Asbestos	S0031 ABC	Other, Wall     Caulking   Yellow Caulking In Classroom 114-2, Loc. 50	40,50		20	0	0	0	None Detected	No	
Asbestos	S0032 AB	Other     Caulking   January 29 2018, B183519, White Caulking On North Exit Door In Corridor H3.	47		112	0	0	0	Chrysotile	Yes	NF
Asbestos	S0033 B	Wall     Paint   Off-white Paint On Masonry Wall	8,47	A	0	1600	0	0	None Detected	No	
Asbestos	S0034	Ceiling     Drywall And Joint Compound   J-mould Drywall	47		0	400	0	0	None Detected	No	
Asbestos	S0035	Wall     Adhesive/mastic   Baseboard Mastic	8	A	15	0	0	0	None Detected	No	
Asbestos	S0037	Wall     Drywall And Joint Compound   Drywall On Wall	28,32		0	160	0	0	None Detected	No	
Asbestos	S0039 A	Duct     Mastic, Grey   Grey Duct Mastic	34,40,50,51	A	40	0	0	0	None Detected	No	
Asbestos	S0040 ABC	Other   Door   Caulking   Grey Caulking On 2006 Date Stamped Door	48		20	0	0	0	None Detected	No	
Asbestos	S0041 ABC	Floor     Terrazzo   Grey Terrazzo	48		0	800	0	0	None Detected	No	
Asbestos	S0042 ABC	Wall     Paint   White Paint On Concrete Block Walls	34,39,40,48,50,51,52,53	,A	0	8000	0	0	None Detected	No	

HAZMAT	Sample No	System/Component/Material/Sample Description	Locations	Bldg. Phase	LF	SF	EA	%	Type	Positive	Friability
Asbestos	S0043 ABC	Other   Door   Caulking   Caulking On Exterior Of Door	81	B	20	0	0	0	None Detected	No	
Asbestos	S0044 ABC	Other   Door   Caulking   White Caulking On Door Frame Interior Side Of Exterior Door	39,40,50,51,52,53	,A	102	0	0	0	None Detected	No	
Asbestos	S0045 ABC	Other   Base   Adhesive/mastic   Baseboard Adhesive Behind Black Rubber Baseboards	34,39,40,50,51,52	,A	600	0	0	0	None Detected	No	
Asbestos	S0046 ABC	Other   Door   Caulking   Dark Grey Caulking On Exterior Door	81	B	20	0	0	0	None Detected	No	
Asbestos	S0047 ABC	Wall     Mortar   Brick Masonry Mortar	81	B	0	400	0	0	None Detected	No	
Asbestos	S0048 ABC	Other   Fascia   Caulking   White Caulking On Fascia	81	B	70	0	0	0	Chrysotile	Yes	NF
Asbestos	S0049 ABC	Structure   Soffit   Unidentified Material   White Pebbled Panels On Soffit	81	B	0	50	0	0	None Detected	No	
Asbestos	S0050 ABC	Other   Fascia   Unidentified Material   Clear Pebbled Rock Fascia Panels	81	B	0	1200	0	0	None Detected	No	
Asbestos	S0065 ABC	Duct     Mastic   Duct Mastic	77		20	0	0	0	None Detected	No	
Asbestos	S0066 ABCDE	Other     Paint   Off-white Paint On Masonry Wall	77		0	2500	0	0	None Detected	No	
Asbestos	S0067 ABC	Wall     Adhesive/mastic   Beige Baseboard Mastic	77		100	0	0	0	None Detected	No	
Asbestos	S0068 ABC	Other     Caulking   White Caulking Around Door Frames	77		200	0	0	0	None Detected	No	
Asbestos	S0069 ABC	Other     Caulking   Brown Caulking On Expansion Joints And Exterior Door Frame	89	A	50	0	0	0	None Detected	No	
Asbestos	S0070 ABC	Ceiling     Texture Coat   Texture Coat On Soffit	89	A	0	50	0	0	None Detected	No	
Asbestos	S0071 ABC	Other     Caulking   White Caulking On Exterior Brick	89	A	10	0	0	0	None Detected	No	
Asbestos	S0072 ABC	Duct     Caulking   White Caulking On Duct	86	A	5	0	0	0	None Detected	No	
Asbestos	S0073 ABC	Duct     Mastic   Grey Duct Mastic	86	A	20	0	0	0	None Detected	No	
Asbestos	S0074 ABC	Other     Tar   Tar On Vents	86	A	5	0	0	0	None Detected	No	
Asbestos	S0075 ABC	Other     Caulking   Grey Caulking On Flashing	86	A	10	0	0	0	None Detected	No	
Asbestos	S0076 ABC	Other     Caulking   Grey Caulking On Flashing	87	A	10	0	0	0	None Detected	No	
Asbestos	S0077 ABC	Other     Caulking   Brown Caulking On Flashing	88	A	10	0	0	0	None Detected	No	
Asbestos	S0078 ABC	Other     Tar   Tar On Vents	88	A	10	0	0	0	None Detected	No	

HAZMAT	Sample No	System/Component/Material/Sample Description	Locations	Bldg. Phase	LF	SF	EA	%	Type	Positive	Friability
Asbestos	S0079 ABC	Floor    Vinyl Floor Tile And Mastic   12" X 12" Off-white With Brown Specks	39,50,51,52,53	,A	0	2000	0	0	None Detected	No	
Asbestos	S0080 ABC	Other    Firestopping (mastic)   Brown Firestopping	48		0	1	0	0	None Detected	No	
Asbestos	S0081 ABC	Floor    Vinyl Floor Tile And Mastic   12" X 12" White With Grey Splotch	40,50		0	1200	0	0	None Detected	No	
Asbestos	S0082 ABC	Wall    Caulking   Light Grey Caulking Along Window Cages	81	B	20	0	0	0	None Detected	No	
Asbestos	S0083 ABC	Duct    Mastic, Grey   Grey	28		35	0	0	0	None Detected	No	
Asbestos	S0084 ABC	Wall    Paint   Off-white Paint	3,28,32		0	5780	0	0	None Detected	No	
Asbestos	S0085 ABC	Wall    Paint   Off White	12		0	2000	0	0	Chrysotile	No	
Asbestos	S0086 ABC	Wall    Paint   Light Green	19	A	0	500	0	0	Chrysotile	Yes	NF
Asbestos	S0087 ABC	Wall    Paint	19	A	0	500	0	0	Chrysotile	No	
Asbestos	V9000	Piping    Cement Product	50,51,52	A	43	0	0	0	Confirmed Asbestos	Yes	NF
Asbestos	V9500	Floor    Mastic	8,12,19	,A	0	925	0	0	Presumed Asbestos	Yes	NF
Asbestos	V9500	Floor    Mortar	34,39,48,77	,A	0	700	0	0	Presumed Asbestos	Yes	NF
Asbestos	V9500	Floor    Roofing Material	86,87,88	A	0	11000	0	0	Presumed Asbestos	Yes	NF
Asbestos	V9500	Floor    Terrazzo	28,32,34,47,77	,A	0	8900	0	0	Presumed Asbestos	Yes	NF
Asbestos	V9500	Other   Fascia, Soffit   Cement Product	81,89	A,B	0	1300	0	0	Presumed Asbestos	Yes	NF
Asbestos	V9500	Other    Mastic   Chalkboard/tack Board Mastic	40,50,51,52,53	A	0	0	30	0	Presumed Asbestos	Yes	NF
Asbestos	V9500	Wall    Mortar	39,73,74,77		0	1000	0	0	Presumed Asbestos	Yes	NF
Asbestos	V0000	Ceiling   Acoustic Tile   Ceiling Tiles (lay-in)	28,32,47,53	,A	0	3300	0	0	Non Asbestos	No	
Asbestos	V0000	Ceiling    Ceiling Tiles (lay-in)   24"x48" Large Ridge With Scattered Pinhole	8,77	,A	0	2175	0	0	Non Asbestos	No	
Asbestos	V0000	Ceiling   Acoustic Tile   Ceiling Tiles (lay-in)   24"x48" Fleck And Pinhole	28,32,34	,A	0	4800	0	0	Non Asbestos	No	
Asbestos	V0000	Ceiling    Ceiling Tiles (lay-in)   24"x48" Random Fleck And Pinhole	73,74		0	80	0	0	Non Asbestos	No	
Asbestos	V0000	Ceiling    Ceiling Tiles (lay-in)   24"x48" Random Fleck And Small Pinhole	34,40,50	,A	0	1800	0	0	Non Asbestos	No	
Asbestos	V0000	Ceiling    Ceiling Tiles (lay-in)   24"x48" Random Flecks And Pinhole	19	A	0	100	0	0	Non Asbestos	No	
Asbestos	V0000	Ceiling    Ceiling Tiles (lay-in)   24"x48"	51		0	600	0	0	Non	No	

HAZMAT	Sample No	System/Component/Material/Sample Description	Locations	Bldg. Phase	LF	SF	EA	%	Type	Positive	Friability
		Random Flecks And Small Pinholes							Asbestos		
Asbestos	V0000	Ceiling     Ceiling Tiles (lay-in)   24"x48" Small Ridges With Many Pinholes	39		0	1000	0	0	Non Asbestos	No	
Asbestos	V0000	Ceiling     Ceiling Tiles (lay-in)   24"x48" Thin Fissure And Pinhole	19	A	0	100	0	0	Non Asbestos	No	
Asbestos	V0000	Ceiling     Ceiling Tiles (lay-in)   24"x48" Thin Spots, Fissure With Medium Pinhole	3		0	80	0	0	Non Asbestos	No	
Asbestos	V0000	Ceiling   Acoustic Tile   Ceiling Tiles (lay-in)   24x48 Lay-in, Fleck And Pinhole	48,52	A	0	1600	0	0	Non Asbestos	No	
Asbestos	V0000	Ceiling     Drywall And Joint Compound	47		0	1500	0	0	Non Asbestos	No	
Asbestos	V0000	Floor     Epoxy	73,74		0	80	0	0	Non Asbestos	No	
Asbestos	V0000	Floor     Vinyl Floor Tile And Mastic   12" X 12" White With Grey Flecks	77		0	1000	0	0	Non Asbestos	No	
Asbestos	V0000	Wall     Drywall And Joint Compound	34,39,40,48,50,51,52,53,73,74,77	,A	0	3300	0	0	Non Asbestos	No	
Asbestos	V0000	Wall     Wallboard W/plastic Laminate	47		0	10	0	0	Non Asbestos	No	
Paint	L0001	Structure   Metal   Red	3,8,28,47	,A	0	1008	0	0	Lead (High)	Yes	-
Paint	L0002	Ceiling   Masonry   Off-white Paint On Masonry Wall	12,47		0	700	0	0	Lead (Low)	Yes	-
Paint	L0003	Other   Concrete (poured)   Dark Blue Paint On Metal Door Frame	8,52,77,81,89	,A,B	0	100	1	0		No	-
Paint	L0004	Ceiling   Drywall And Joint Compound   White Paint On Ceilings And Wall	34,39,40,47,48,50,51,52,53	,A	0	4000	0	0		No	-
Paint	V0005	Wall   Masonry	3,32		0	4250	0	0	Lead (High)	Yes	-
Paint	V0011	Wall   Concrete (poured)   White Paint On Concrete Block Wall	34,39,40,48,50,51,52,53	,A	0	8500	0	0	Lead (Low)	Yes	-
Paint	L0013	Wall   Masonry   Off-white Paint On Masonry Wall	77		0	2500	0	0		No	-
Paint	L0014	Wall   Masonry   Light Green	19	A	0	500	0	0	Lead (High)	Yes	-
Paint	L0015	Wall   Masonry   White	19	A	0	500	0	0	Lead (Low)	Yes	-
Paint	V9500	Other   Metal   Brown primer on flashing	86,87,88	A	0	150	0	0	Presumed Lead	Yes	-
Paint	V9500	Structure   Concrete (poured)   Red	34	A	0	500	0	0	Presumed Lead	Yes	-
Lead Product	V9000	Batteries In Emer. Lights	34,47,77	,A	0	0	13	0	Lead Product	Yes	-
PCB	P0001	Caulking	81	B	20	0	0	0	-	No	-
PCB	P0002	Caulking	39,40,50,51,52,53	A	85	0	0	0	-	No	-
PCB	P0003	Caulking	81	B	102	0	0	0	-	No	-
PCB	P0004	Caulking	81	B	70	0	0	0	-	No	-

HAZMAT	Sample No	System/Component/Material/Sample Description	Locations	Bldg. Phase	LF	SF	EA	%	Type	Positive	Friability
PCB	P0005	Caulking	81	B	20	0	0	0	-	No	-
PCB	V0000	Light Ballasts	3,8,12,19,28,32,34,39,40,47,48,50,51 52,53,73,74,77	,A	0	0	193	0	-	No	-
Hg	V9000	Light Fixture	3,8,12,28,32,34,39,40,47,48,50,51,52 53,73,74,77	,A	0	0	202	0	Hg	Yes	-

## Legend:

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

**APPENDIX VI**  
**All Data Report**

**Client:** Kawartha Pine Ridge District School Board  
**Location:** #3 : Custodian Office  
**Survey Date:** 2024-08-01

**Site:** 654 County Road 40, Trenton, ON  
**Floor:** 1

**Building Name:** Murray Centennial  
**Room #:** 104  
**Last Re-Assessment:** 0000-00-00

**Area (sqft):** 80

**ASBESTOS**

System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling <sup>1</sup>		Ceiling Tiles (lay-in), 24"x48" thin spots, fissure with medium pinhole	Surface		C	Y		80			SF	V0000	Non-Asbestos		None	
Duct	All	Fibreglass														
Floor		Vinyl Floor Tile and Mastic	Surface		A	Y		80			SF	S0002	None Detected	N.D.	None	
Mechanical Equipment		None Found														
Piping	All	Fibreglass														
Structure		Not Insulated														
Wall		Masonry														
Wall		Paint			A	Y		80			SF	V0084	None Detected	N.D.	None	

1 - date stamp 08/31/04

**Client:** Kawartha Pine Ridge District School Board  
**Location:** #3 : Custodian Office  
**Survey Date:** 2024-08-01

**Site:** 654 County Road 40, Trenton, ON  
**Floor:** 1

**Building Name:** Murray Centennial  
**Room #:** 104  
**Last Re-Assessment:** 0000-00-00

**Area (sqft):** 80

**PAINT**

System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard
Wall	Masonry	250		SF	V0005	Off-white paint on masonry wall	Pb: 0.13 %	Lead (High)
Structure <sup>1</sup>	Metal	300		SF	V0001	Red	Pb: 0.32 %	Lead (High)

1 - On steel beams and joists

**Client:** Kawartha Pine Ridge District School Board  
**Location:** #3 : Custodian Office  
**Survey Date:** 2024-08-01

**Site:** 654 County Road 40, Trenton, ON  
**Floor:** 1

**Building Name:** Murray Centennial  
**Room #:** 104  
**Last Re-Assessment:** 0000-00-00

**Area (sqft):** 80

**MERCURY**

Component	Quantity	Unit	Sample	Hazard
Light Fixture	6	EA	V9000	Yes

**Client:** Kawartha Pine Ridge District School Board  
**Location:** #3 : Custodian Office  
**Survey Date:** 2024-08-01

**Site:** 654 County Road 40, Trenton, ON  
**Floor:** 1

**Building Name:** Murray Centennial  
**Room #:** 104  
**Last Re-Assessment:** 0000-00-00

**Area (sqft):** 80

**PCB**

Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Light Ballasts	6	EA	V0000			No



**Client:** Kawartha Pine Ridge District School Board  
**Location:** #8 : Electrical Room  
**Survey Date:** 2024-08-01

**Site:** 654 County Road 40, Trenton, ON  
**Floor:** 1

**Building Name:** Murray Centennial  
**Room #:** 110A  
**Last Re-Assessment:** 0000-00-00

**Area (sqft):** 175

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling <sup>1</sup>		Ceiling Tiles (lay-in), 24"X48" large ridge with scattered pinhole			C	Y		175			SF	V0000	Non-Asbestos		None	
Duct	N/a	Fibreglass														
Floor		Mastic		Vinyl Floor Tile	D	N		175			SF	V9500	Presumed Asbestos		Presumed Asbestos	NF
Floor		Vinyl Floor Tile, 12x12 off white with black and white specs	Surface		A	Y		175			SF	S0004	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Mechanical Equipment	Fan Unit	Not Insulated														
Piping	All	Fibreglass														
Structure	N/a	Not Insulated														
Wall		Drywall and joint compound, on bulkhead	Surface		A	Y		40			SF	V0001	[None]	0.5-5%	[Abated]	
Wall		Paint, Off-white paint on masonry wall		Masonry	A	Y	N	100			SF	S0033	None Detected	N.D.	None	
Wall		Adhesive/mastic, Baseboard mastic			A	Y	N	15			LF	S0035	None Detected	N.D.	None	

Previously Storage Room  
1 - dated 2001

**Client:** Kawartha Pine Ridge District School Board  
**Location:** #8 : Electrical Room  
**Survey Date:** 2024-08-01

**Site:** 654 County Road 40, Trenton, ON  
**Floor:** 1

**Building Name:** Murray Centennial  
**Room #:** 110A  
**Last Re-Assessment:** 0000-00-00

**Area (sqft):** 175

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Structure	Metal	100		SF	L0001	Red paint on structural steel	Pb: 0.32 %	Lead (High)	
Other	Concrete (poured)	1		EA	L0003	Dark blue paint on metal door frame	Pb: 0.0088 %	No	

Previously Storage Room

**Client:** Kawartha Pine Ridge District School Board  
**Location:** #8 : Electrical Room  
**Survey Date:** 2024-08-01

**Site:** 654 County Road 40, Trenton, ON  
**Floor:** 1

**Building Name:** Murray Centennial  
**Room #:** 110A  
**Last Re-Assessment:** 0000-00-00

**Area (sqft):** 175

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	4	EA	V9000	Yes

Previously Storage Room

**Client:** Kawartha Pine Ridge District School Board  
**Location:** #8 : Electrical Room

**Site:** 654 County Road 40, Trenton, ON  
**Floor:** 1

**Building Name:** Murray Centennial  
**Room #:** 110A

**Area (sqft):** 175

**Survey Date: 2024-08-01**

**Last Re-Assessment: 0000-00-00**

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Light Ballasts	4	EA	V0000			No

Previously Storage Room

**Client:** Kawartha Pine Ridge District School Board  
**Location:** #12 : Multi-Purpose Room  
**Survey Date:** 2024-08-01

**Site:** 654 County Road 40, Trenton, ON  
**Floor:** 1

**Building Name:** Murray Centennial  
**Room #:** 119  
**Last Re-Assessment:** 0000-00-00

**Area (sqft):** 600

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Metal														
Duct		None Found														
Floor		Mastic		Vinyl Floor Tile	D	N		600			SF	V9500	Presumed Asbestos		Presumed Asbestos	NF
Floor		Vinyl Floor Tile, 12x12 off white with olive green streaks	Surface		A	Y		600			SF	S0006	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Mechanical Equipment		None Found														
Piping		None Found														
Structure	Not Accessible	Steel														
Wall		Drywall and joint compound		Paint	C	Y		15			SF	V0001	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Wall		Masonry														
Wall <sup>1</sup>		Paint, Off white				Y		2000			SF	S0085ABC	Chrysotile	<0.5%	None	

1 - On concrete block

**Client:** Kawartha Pine Ridge District School Board  
**Location:** #12 : Multi-Purpose Room  
**Survey Date:** 2024-08-01

**Site:** 654 County Road 40, Trenton, ON  
**Floor:** 1

**Building Name:** Murray Centennial  
**Room #:** 119  
**Last Re-Assessment:** 0000-00-00

**Area (sqft):** 600

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Masonry	600		SF	V0002	Off-white paint on masonry wall	Pb: 0.065 %	Lead (Low)	

**Client:** Kawartha Pine Ridge District School Board  
**Location:** #12 : Multi-Purpose Room  
**Survey Date:** 2024-08-01

**Site:** 654 County Road 40, Trenton, ON  
**Floor:** 1

**Building Name:** Murray Centennial  
**Room #:** 119  
**Last Re-Assessment:** 0000-00-00

**Area (sqft):** 600

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	14	EA	V9000	Yes

**Client:** Kawartha Pine Ridge District School Board  
**Location:** #12 : Multi-Purpose Room  
**Survey Date:** 2024-08-01

**Site:** 654 County Road 40, Trenton, ON  
**Floor:** 1

**Building Name:** Murray Centennial  
**Room #:** 119  
**Last Re-Assessment:** 0000-00-00

**Area (sqft):** 600

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Light Ballasts	14	EA	V0000			No



**Client: Kawartha Pine Ridge District School Board**  
**Location: #19 : Storage**  
**Survey Date: 2024-08-01**

**Site: 654 County Road 40, Trenton, ON**  
**Floor: 1**

**Building Name: Murray Centennial**  
**Room #: 103C**  
**Last Re-Assessment: 0000-00-00**

**Area (sqft): 250**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Ceiling Tiles (lay-in)			C	Y		50			SF	V0009	None Detected	N.D.	None	
Ceiling <sup>1</sup>		Ceiling Tiles (lay-in), 24"x48" thin fissure and pinhole			C	Y		100			SF	V0000	Non-Asbestos		None	
Ceiling <sup>2</sup>		Ceiling Tiles (lay-in), 24"x48" random flecks and pinhole			C	Y		100			SF	V0000	Non-Asbestos		None	
Duct		None Found														
Floor		Mastic		Vinyl Floor Tile	D	N		150			SF	V9500	Presumed Asbestos		Presumed Asbestos	NF
Floor <sup>3</sup>		Vinyl Floor Tile, 12x12 off white with black and grey specs	Surface		A	Y		100			SF	V0010	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Floor		Vinyl Floor Tile, 9x9 off white with brown streaks	Surface		A	Y		150			SF	V0007	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Mechanical Equipment		None Found														
Piping	Hot Water Heating	Fibreglass	Straight													
Piping	Hot Water Heating	Fibreglass	Fitting		A	Y		3								
Piping	Hot Water Heating	Parging Cement	Fitting	Canvas	C	N		9			EA	V0011	Chrysotile	25-50%	Confirmed Asbestos	F
Structure		Not Insulated														
Wall		Wood														
Wall		Masonry														
Wall <sup>4</sup>		Paint, Light green			C	N		500			SF	S0086ABC	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Wall		Paint			A	Y		500			SF	S0087ABC	Chrysotile	<0.5%	None	

- 1 - date 2006
- 2 - date 2005
- 3 - Mastic is clean
- 4 - Above ceiling

**Client: Kawartha Pine Ridge District School Board**  
**Location: #19 : Storage**  
**Survey Date: 2024-08-01**

**Site: 654 County Road 40, Trenton, ON**  
**Floor: 1**

**Building Name: Murray Centennial**  
**Room #: 103C**  
**Last Re-Assessment: 0000-00-00**

**Area (sqft): 250**

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall <sup>1</sup>	Masonry	500		SF	L0014	Light green	Pb: 1.6 %	Lead (High)	
Wall	Masonry	500		SF	L0015	White	Pb: 0.02 %	Lead (Low)	

- 1 - Above ceiling

**Client:** Kawartha Pine Ridge District School Board  
**Location:** #19 : Storage  
**Survey Date:** 2024-08-01

**Site:** 654 County Road 40, Trenton, ON  
**Floor:** 1

**Building Name:** Murray Centennial  
**Room #:** 103C  
**Last Re-Assessment:** 0000-00-00

**Area (sqft):** 250

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Light Ballasts	5	EA	V0000			No

**Client:** Kawartha Pine Ridge District School Board  
**Location:** #28 : Corridor  
**Survey Date:** 2024-08-01

**Site:** 654 County Road 40, Trenton, ON  
**Floor:** 1

**Building Name:** Murray Centennial  
**Room #:** H1  
**Last Re-Assessment:** 0000-00-00

**Area (sqft):** 3200

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Ceiling Tiles (lay-in)			C	Y		100			SF	V0000	Non-Asbestos		None	
Ceiling <sup>1</sup>	Acoustic Tile	Ceiling Tiles (lay-in), 24"x48" fleck and pinhole			C	Y		3200			SF	V0000	Non-Asbestos		None	
Duct <sup>2</sup>		Mastic, Grey, Grey			C	N		35			LF	S0083ABC	None Detected	N.D.	None	
Duct	All	Not Insulated														
Floor		Terrazzo			A	Y		3200			SF	V9500	Presumed Asbestos		Presumed Asbestos	NF
Mechanical Equipment		None Found														
Piping		Fibreglass														
Piping	All	Not Insulated														
Structure		Not Insulated														
Wall <sup>3</sup>		Drywall and joint compound			A	Y		80			SF	V0037	None Detected	N.D.	None	
Wall		Masonry			A	Y										
Wall		Paint			A	Y		3200			SF	S0084AB	None Detected	N.D.	None	

- 1 - date 2017
- 2 - Duct mastic
- 3 - Above doors

**Client:** Kawartha Pine Ridge District School Board  
**Location:** #28 : Corridor  
**Survey Date:** 2024-08-01

**Site:** 654 County Road 40, Trenton, ON  
**Floor:** 1

**Building Name:** Murray Centennial  
**Room #:** H1  
**Last Re-Assessment:** 0000-00-00

**Area (sqft):** 3200

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Structure <sup>1</sup>	Metal	300		SF	V0001	Red	Pb: 0.32 %	Lead (High)	

- 1 - On steel beams and joists

**Client:** Kawartha Pine Ridge District School Board  
**Location:** #28 : Corridor  
**Survey Date:** 2024-08-01

**Site:** 654 County Road 40, Trenton, ON  
**Floor:** 1

**Building Name:** Murray Centennial  
**Room #:** H1  
**Last Re-Assessment:** 0000-00-00

**Area (sqft):** 3200

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	10	EA	V9000	Yes

**Client:** Kawartha Pine Ridge District School Board  
**Location:** #28 : Corridor  
**Survey Date:** 2024-08-01  
2024-08-07

**Site:** 654 County Road 40, Trenton, ON  
**Floor:** 1

**Building Name:** Murray Centennial  
**Room #:** H1  
**Last Re-Assessment:** 0000-00-00

**Area (sqft):** 3200

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Light Ballasts	10	EA	V0000			No



**Client:** Kawartha Pine Ridge District School Board  
**Location:** #32 : Corridor  
**Survey Date:** 2024-08-01

**Site:** 654 County Road 40, Trenton, ON  
**Floor:** 1

**Building Name:** Murray Centennial  
**Room #:** H2  
**Last Re-Assessment:** 0000-00-00

**Area (sqft):** 1100

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling		Ceiling Tiles (lay-in)			C	Y		1100			SF	V0000	Non-Asbestos		None	
Ceiling <sup>1</sup>		Ceiling Tiles (lay-in), 24"x48" fleck and pinhole			C	Y		1100			SF	V0000	Non-Asbestos		None	
Duct	All	Not Insulated														
Floor		Terrazzo			A	Y		1100			SF	V9500	Presumed Asbestos		Presumed Asbestos	NF
Mechanical Equipment	Radiator	Metal			A	Y										
Piping	All	Not Insulated														
Structure		Not Insulated														
Wall <sup>2</sup>		Drywall and joint compound			A	Y		80			SF	V0037	None Detected	N.D.	None	
Wall		Masonry			A	Y										
Wall		Paint			A	Y		2500			SF	S0084C	None Detected	N.D.	None	

1 - dated 2017  
2 - Above doors

**Client:** Kawartha Pine Ridge District School Board  
**Location:** #32 : Corridor  
**Survey Date:** 2024-08-01

**Site:** 654 County Road 40, Trenton, ON  
**Floor:** 1

**Building Name:** Murray Centennial  
**Room #:** H2  
**Last Re-Assessment:** 0000-00-00

**Area (sqft):** 1100

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Masonry	4000		SF	V0005	Off-white paint on masonry wall	Pb: 0.13 %	Lead (High)	

**Client:** Kawartha Pine Ridge District School Board  
**Location:** #32 : Corridor  
**Survey Date:** 2024-08-01

**Site:** 654 County Road 40, Trenton, ON  
**Floor:** 1

**Building Name:** Murray Centennial  
**Room #:** H2  
**Last Re-Assessment:** 0000-00-00

**Area (sqft):** 1100

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	6	EA	V9000	Yes

**Client:** Kawartha Pine Ridge District School Board  
**Location:** #32 : Corridor  
**Survey Date:** 2024-08-01

**Site:** 654 County Road 40, Trenton, ON  
**Floor:** 1

**Building Name:** Murray Centennial  
**Room #:** H2  
**Last Re-Assessment:** 0000-00-00

**Area (sqft):** 1100

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Light Ballasts	6	EA	V0000			No



**Client:** Kawartha Pine Ridge District School Board  
**Location:** #34 : Corridor  
**Survey Date:** 2024-08-01

**Site:** 654 County Road 40, Trenton, ON  
**Floor:** 1

**Building Name:** Murray Centennial  
**Room #:** H4  
**Last Re-Assessment:** 0000-00-00

**Area (sqft):** 1000

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling <sup>1</sup>		Ceiling Tiles (lay-in), 24"x48" fleck and pinhole			C	Y		500			SF	V0000	Non-Asbestos		None	
Ceiling <sup>2</sup>		Ceiling Tiles (lay-in), 24"x48" random fleck and small pinhole			C	Y		500			SF	V0000	Non-Asbestos		None	
Duct		Mastic, Grey, Grey duct mastic			C	N	N	10			LF	V0039	None Detected	N.D.	None	
Duct	All	Not Insulated			C	N		50			LF					
Floor		Ceramic Tiles			A	Y		200			SF					
Floor		Terrazzo			A	Y		800			SF	V9500	Presumed Asbestos		Presumed Asbestos	NF
Floor <sup>3</sup>		Mortar		Ceramic Tiles	D	N		200			SF	V9500	Presumed Asbestos		Presumed Asbestos	NF
Mechanical Equipment		None Found														
Other <sup>4</sup>		Caulking, White caulking			A	Y	N					S0032C	[None]	0.5-5%	[Abated]	
Other	Base	Adhesive/mastic, Baseboard adhesive behind black rubber baseboards			D	N		100			LF	V0045	None Detected	N.D.	None	
Piping	All	Fibreglass			C	N		100			LF					
Structure		Not Insulated														
Wall <sup>5</sup>		Drywall and joint compound	Surface		A	Y		400			SF	V0000	Non-Asbestos		None	
Wall <sup>6</sup>		Drywall and joint compound			A	Y						S0016A	[None]	0.5-5%	[Abated]	
Wall		Masonry			A	Y		1000			SF					
Wall		Paint		Masonry	A	Y		1000			SF	V0042	None Detected	N.D.	None	

- 1 - dated 2017
- 2 - dated 2014
- 3 - Shoe storage Under coat racks
- 4 - Lockers and masonry wall
- 5 - 2018 DJC replaced when lockers removed
- 6 - Above lockers

**Client:** Kawartha Pine Ridge District School Board  
**Location:** #34 : Corridor  
**Survey Date:** 2024-08-01

**Site:** 654 County Road 40, Trenton, ON  
**Floor:** 1

**Building Name:** Murray Centennial  
**Room #:** H4  
**Last Re-Assessment:** 0000-00-00

**Area (sqft):** 1000

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Concrete (poured)	1000		SF	V0011	White paint on concrete block wall	Pb: 0.019 %	Lead (Low)	
Wall	Drywall and joint compound	400		SF	V0004	White paint on drywall	Pb: <0.0063 %	No	
Structure	Concrete (poured)	500		SF	V9500	Red		Presumed Lead	

Client: Kawartha Pine Ridge District School Board  
Location: #34 : Corridor  
Survey Date: 2024-08-01

Site: 654 County Road 40, Trenton, ON  
Floor: 1

Building Name: Murray Centennial  
Room #: H4  
Last Re-Assessment: 0000-00-00

Area (sqft): 1000

PB PRODUCTS				
Component	Quantity	Unit	Sample	Hazard
Batteries In Emer. Lights	4	EA	V9000	Yes

Client: Kawartha Pine Ridge District School Board  
Location: #34 : Corridor  
Survey Date: 2024-08-01

Site: 654 County Road 40, Trenton, ON  
Floor: 1

Building Name: Murray Centennial  
Room #: H4  
Last Re-Assessment: 0000-00-00

Area (sqft): 1000

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	6	EA	V9000	Yes

Client: Kawartha Pine Ridge District School Board  
Location: #34 : Corridor  
Survey Date: 2024-08-01

Site: 654 County Road 40, Trenton, ON  
Floor: 1

Building Name: Murray Centennial  
Room #: H4  
Last Re-Assessment: 0000-00-00

Area (sqft): 1000

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Light Ballasts <sup>1</sup>	6	EA	V0000			No

1 - T8 fixtures

**Client: Kawartha Pine Ridge District School Board**  
**Location: #39 : Kindergarten**  
**Survey Date: 2024-08-01**

**Site: 654 County Road 40, Trenton, ON**  
**Floor: 1**

**Building Name: Murray Centennial**  
**Room #: 115**  
**Last Re-Assessment: 0000-00-00**

**Area (sqft): 1000**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling <sup>1</sup>		Ceiling Tiles (lay-in), 24"x48" small ridges with many pinholes			C	Y		1000			SF	V0000	Non-Asbestos		None	
Duct		Fibreglass			C	N		20			LF					
Duct	All	Not Insulated														
Floor		Vinyl Floor Tile and Mastic, 12" x 12" Off-white with brown specks			A	Y		100			SF	V0079	None Detected	N.D.	None	
Floor <sup>2</sup>		Ceramic Tiles			A	Y		100			SF					
Floor <sup>3</sup>		Mortar		Ceramic Tiles	D	N		100			SF	V9500	Presumed Asbestos		Presumed Asbestos	NF
Mechanical Equipment		None Found														
Other	Base	Adhesive/mastic, Baseboard adhesive behind black rubber baseboards			D	N		100			LF	V0045	None Detected	N.D.	None	
Other <sup>4</sup>	Door	Caulking, White caulking on door frame interior side of exterior door			A	Y		17			LF	V0044	None Detected	N.D.	None	
Piping	All	Not Insulated														
Structure		Not Insulated														
Wall <sup>5</sup>		Drywall and joint compound		Ceramic Tiles	A	Y						S0001G	[None]	0.5-5%	[Abated]	
Wall <sup>6</sup>		Drywall and joint compound		Ceramic Tiles	D	N		200			SF	V0000	Non-Asbestos		None	
Wall		Masonry			A	Y		1200			SF					
Wall		Ceramic Tiles			A	Y		200			SF					
Wall		Paint		Masonry	A	Y		1200			SF	V0042	None Detected	N.D.	None	
Wall		Mortar		Ceramic Tiles	D	N		200			SF	V9500	Presumed Asbestos		Presumed Asbestos	NF

Includes washroom.  
1 - date code 2009  
2 - washroom  
3 - washroom  
4 - No date identification  
5 - Removed in 2018  
6 - Installed 2018 according to the Client

**Client: Kawartha Pine Ridge District School Board**  
**Location: #39 : Kindergarten**  
**Survey Date: 2024-08-01**

**Site: 654 County Road 40, Trenton, ON**  
**Floor: 1**

**Building Name: Murray Centennial**  
**Room #: 115**  
**Last Re-Assessment: 0000-00-00**

**Area (sqft): 1000**

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Concrete (poured)	1200		SF	V0011	White paint on concrete block wall	Pb: 0.019 %	Lead (Low)	

PAINT								
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard
Wall	Drywall and joint compound	200		SF	V0004	White paint on drywall	Pb: <0.0063 %	No

Includes washroom.

**Client:** Kawartha Pine Ridge District School Board  
**Location:** #39 : Kindergarten  
**Survey Date:** 2024-08-01

**Site:** 654 County Road 40, Trenton, ON  
**Floor:** 1

**Building Name:** Murray Centennial  
**Room #:** 115  
**Last Re-Assessment:** 0000-00-00

**Area (sqft):** 1000

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	12	EA	V9000	Yes

Includes washroom.

**Client:** Kawartha Pine Ridge District School Board  
**Location:** #39 : Kindergarten  
**Survey Date:** 2024-08-01

**Site:** 654 County Road 40, Trenton, ON  
**Floor:** 1

**Building Name:** Murray Centennial  
**Room #:** 115  
**Last Re-Assessment:** 0000-00-00

**Area (sqft):** 1000

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Light Ballasts <sup>1</sup>	12	EA	V0000			No
Caulking	17	LF	V0002		<0.2 mg/kg	No

Includes washroom.

1 - T8 fixtures

**Client:** Kawartha Pine Ridge District School Board  
**Location:** #40 : Classroom  
**Survey Date:** 2024-08-01

**Site:** 654 County Road 40, Trenton, ON  
**Floor:** 1

**Building Name:** Murray Centennial  
**Room #:** 114-1  
**Last Re-Assessment:** 0000-00-00

**Area (sqft):** 600

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling <sup>1</sup>		Ceiling Tiles (lay-in), 24"x48" random fleck and small pinhole			C	Y		600			SF	V0000	Non-Asbestos		None	
Duct		Fibreglass			C	N		20			LF					
Duct		Not Insulated			C	N		10			LF					
Duct		Mastic, Grey, Grey duct mastic			C	N	N	10			LF	S0039A	None Detected	N.D.	None	
Floor		Vinyl Floor Tile and Mastic, 12" x 12" white with grey splotch			A	Y		600				S0081ABC	None Detected	N.D.	None	
Mechanical Equipment	N/a	None Found														
Other		Mastic, Chalkboard/tack board mastic			D	N		6			EA	V9500	Presumed Asbestos		Presumed Asbestos	NF
Other	Base	Adhesive/mastic, Baseboard adhesive behind black rubber baseboards			D	N		100			LF	V0045	None Detected	N.D.	None	
Other <sup>2</sup>	Door	Caulking, White caulking on door frame interior side of exterior door			A	Y		17			LF	V0044	None Detected	N.D.	None	
Piping	All	Fibreglass														
Structure		Not Insulated														
Wall <sup>3</sup>		Drywall and joint compound	Surface		A	Y		300			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			A	Y						S0016B	[None]	0.5-5%	[Abated]	
Wall		Masonry														
Wall		Paint	Masonry		A	Y		600			SF	V0042	None Detected	N.D.	None	
Wall		Caulking, Yellow caulking on countertop			A	Y		10			LF	S0031B	None Detected	N.D.	None	

- 1 - dated 2012
- 2 - No date identification
- 3 - Installed in 2018

**Client:** Kawartha Pine Ridge District School Board  
**Location:** #40 : Classroom  
**Survey Date:** 2024-08-01

**Site:** 654 County Road 40, Trenton, ON  
**Floor:** 1

**Building Name:** Murray Centennial  
**Room #:** 114-1  
**Last Re-Assessment:** 0000-00-00

**Area (sqft):** 600

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Concrete (poured)	600		SF	V0011	White paint on concrete block wall	Pb: 0.019 %	Lead (Low)	
Wall	Drywall and joint compound	300		SF	V0004	White paint on drywall	Pb: <0.0063 %	No	

**Client:** Kawartha Pine Ridge District School Board  
**Location:** #40 : Classroom  
**Survey Date:** 2024-08-01

**Site:** 654 County Road 40, Trenton, ON  
**Floor:** 1

**Building Name:** Murray Centennial  
**Room #:** 114-1  
**Last Re-Assessment:** 0000-00-00

**Area (sqft):** 600

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	12	EA	V9000	Yes

**Client:** Kawartha Pine Ridge District School Board  
**Location:** #40 : Classroom  
**Survey Date:** 2024-08-01

**Site:** 654 County Road 40, Trenton, ON  
**Floor:** 1

**Building Name:** Murray Centennial  
**Room #:** 114-1  
**Last Re-Assessment:** 0000-00-00

**Area (sqft):** 600

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Light Ballasts <sup>1</sup>	12	EA	V0000			No
Caulking	17	LF	V0002		<0.2 mg/kg	No

1 - T8 fixtures



**Client:** Kawartha Pine Ridge District School Board  
**Location:** #47 : Corridor  
**Survey Date:** 2024-08-01

**Site:** 654 County Road 40, Trenton, ON  
**Floor:** 1

**Building Name:** Murray Centennial  
**Room #:** H3  
**Last Re-Assessment:** 0000-00-00

**Area (sqft):** 3000

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling <sup>1</sup>		Ceiling Tiles (lay-in)			C	Y		1500			SF	V0000	Non-Asbestos		None	
Ceiling		Drywall and joint compound, J-mould drywall	Surface		C	Y		400			SF	S0034	None Detected	N.D.	None	
Ceiling		Drywall and joint compound, Skylight drywall			C	Y	N	250			SF	S0036	[None]	0.5-5%	[Abated]	
Ceiling		Drywall and joint compound, Skylight drywall			C	Y	N	250			SF	S0018	[None]	0.5-5%	[Abated]	
Ceiling <sup>2</sup>		Drywall and joint compound			C	N		1500			SF	V0000	Non-Asbestos		None	
Duct	All	Fibreglass			C	N	N									
Duct	All	Not Insulated														
Floor		Terrazzo			A	Y		3000			SF	V9500	Presumed Asbestos		Presumed Asbestos	NF
Mechanical Equipment		None Found														
Other <sup>3</sup>		Caulking, White caulking on door frames			A	Y		112			LF	S0032AB	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Piping		Fibreglass														
Piping	All	Not Insulated														
Structure		Not Insulated														
Wall		Drywall and joint compound			A	Y	N	200			SF	S0037	[None]	N.D.	[Abated]	
Wall		Drywall and joint compound	Surface		C	Y		30			SF	V0001	[None]	0.5-5%	[Abated]	
Wall		Masonry, Off-white paint on masonry wall		Paint	A	Y		1500			SF	S0033B	None Detected	N.D.	None	
Wall		Wallboard w/Plastic Laminate						10			SF	V0000	Non-Asbestos		None	

- 1 - Dated 2018
- 2 - drywall replaced 2018
- 3 - Exit door

**Client:** Kawartha Pine Ridge District School Board  
**Location:** #47 : Corridor  
**Survey Date:** 2024-08-01

**Site:** 654 County Road 40, Trenton, ON  
**Floor:** 1

**Building Name:** Murray Centennial  
**Room #:** H3  
**Last Re-Assessment:** 0000-00-00

**Area (sqft):** 3000

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Ceiling	Drywall and joint compound	1500		SF	L0004	White paint on ceilings and wall	Pb: <0.0063 %	No	
Ceiling	Masonry	100		SF	L0002	Off-white paint on masonry wall	Pb: 0.065 %	Lead (Low)	
Structure <sup>1</sup>	Metal	308		SF	L0001	Red	Pb: 0.32 %	Lead (High)	

- 1 - On steel beams and joists

**Client:** Kawartha Pine Ridge District School Board

**Site:** 654 County Road 40, Trenton, ON

**Building Name:** Murray Centennial

**Board**  
**Location: #47 : Corridor**      **Floor: 1**      **Room #: H3**      **Area (sqft): 3000**  
**Survey Date: 2024-08-01**      **Last Re-Assessment: 0000-00-00**

PB PRODUCTS				
Component	Quantity	Unit	Sample	Hazard
Batteries In Emer. Lights	1	EA		
Batteries In Emer. Lights	8	EA	V9000	Yes

**Client: Kawartha Pine Ridge District School Board**      **Site: 654 County Road 40, Trenton, ON**      **Building Name: Murray Centennial**  
**Location: #47 : Corridor**      **Floor: 1**      **Room #: H3**      **Area (sqft): 3000**  
**Survey Date: 2024-08-01**      **Last Re-Assessment: 0000-00-00**

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	28	EA	V9000	Yes

**Client: Kawartha Pine Ridge District School Board**      **Site: 654 County Road 40, Trenton, ON**      **Building Name: Murray Centennial**  
**Location: #47 : Corridor**      **Floor: 1**      **Room #: H3**      **Area (sqft): 3000**  
**Survey Date: 2024-08-01**      **Last Re-Assessment: 0000-00-00**

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Light Ballasts <sup>1</sup>	14	EA	V0000			No

1 - T-8 fixtures

**Client:** Kawartha Pine Ridge District School Board  
**Location:** #48 : Corridor  
**Survey Date:** 2024-08-01

**Site:** 654 County Road 40, Trenton, ON  
**Floor:** 1

**Building Name:** Murray Centennial  
**Room #:** H5  
**Last Re-Assessment:** 0000-00-00

**Area (sqft):** 1000

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling <sup>1</sup>		Ceiling Tiles (lay-in), 24x48 lay-in, fleck and pinhole			C	Y		1000			SF	V0000	Non-Asbestos		None	
Duct	All	Not Insulated			C	N		50			LF					
Floor <sup>2</sup>		Ceramic Tiles			A	Y		200			SF					
Floor		Terrazzo, Grey terrazzo			A	Y		800			SF	S0041ABC	None Detected	N.D.	None	
Floor <sup>3</sup>		Mortar		Ceramic Tiles	D	N		200			SF	V9500	Presumed Asbestos		Presumed Asbestos	NF
Mechanical Equipment		None Found														
Other		Firestopping (mastic), Brown firestopping			C	N		1				S0080ABC	None Detected	N.D.	None	
Other	Door	Caulking, Grey caulking on 2006 date stamped door			A	Y		20			LF	S0040ABC	None Detected	N.D.	None	
Piping		Fibreglass			C	N		50			LF					
Piping		Not Insulated			C	N		50			LF					
Structure		Not Insulated														
Wall <sup>4</sup>		Drywall and joint compound	Surface		A	Y						S0016E	[None]	0.5-5%	[Abated]	
Wall <sup>5</sup>		Drywall and joint compound	Surface		A	Y		400			SF	V0000	Non-Asbestos		None	
Wall		Masonry														
Wall		Paint, White paint on concrete block walls			A	Y		1500			SF	V0042	None Detected	N.D.	None	

- 1 - Date code 2018.
- 2 - under coat racks
- 3 - ceramic tiles in coat areas
- 4 - Above lockers
- 5 - 2018 DJC replaced when lockers removed

**Client:** Kawartha Pine Ridge District School Board  
**Location:** #48 : Corridor  
**Survey Date:** 2024-08-01

**Site:** 654 County Road 40, Trenton, ON  
**Floor:** 1

**Building Name:** Murray Centennial  
**Room #:** H5  
**Last Re-Assessment:** 0000-00-00

**Area (sqft):** 1000

PAINT								
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard
Wall	Concrete (precast)	1500		SF	V0011	White paint on concrete block wall	Pb: 0.019 %	Lead (Low)
Wall	Drywall and joint compound	400		SF	V0004	White paint on drywall	Pb: <0.0063 %	No

**Client:** Kawartha Pine Ridge District School Board  
**Location:** #48 : Corridor  
**Survey Date:** 2024-08-01

**Site:** 654 County Road 40, Trenton, ON  
**Floor:** 1

**Building Name:** Murray Centennial  
**Room #:** H5  
**Last Re-Assessment:** 0000-00-00

**Area (sqft):** 1000

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	18	EA	V9000	Yes

**Client:** Kawartha Pine Ridge District School Board  
**Location:** #48 : Corridor  
**Survey Date:** 2024-08-01

**Site:** 654 County Road 40, Trenton, ON  
**Floor:** 1

**Building Name:** Murray Centennial  
**Room #:** H5  
**Last Re-Assessment:** 0000-00-00

**Area (sqft):** 1000

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
1		LF	V0000			No
Light Ballasts <sup>2</sup>	18	EA	V0000			No

1 - door window date stamped 2006  
 2 - T8 fixtures

**Client: Kawartha Pine Ridge District School Board**  
**Location: #50 : Classroom**  
**Survey Date: 2024-08-01**

**Site: 654 County Road 40, Trenton, ON**  
**Floor: 1**

**Building Name: Murray Centennial**  
**Room #: 114-2**  
**Last Re-Assessment: 0000-00-00**

**Area (sqft): 700**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling <sup>1</sup>		Ceiling Tiles (lay-in), 24"x48" random fleck and small pinhole			C	Y		700			SF	V0000	Non-Asbestos		None	
Duct		Fibreglass			C	N		20			LF					
Duct		Not Insulated			C	N		20			LF					
Duct		Mastic, Grey			C	N		10			LF	V0039	None Detected	N.D.	None	
Floor		Vinyl Floor Tile and Mastic, 12" x 12" Off-white with brown specks			A	Y		100			SF	V0079	None Detected	N.D.	None	
Floor		Vinyl Floor Tile and Mastic, 12" x 12" white with grey splotch			A	Y		600			SF	V0081	None Detected	N.D.	None	
Mechanical Equipment		None Found														
Other		Caulking, Yellow caulking on countertop			A	Y		10			LF	S0031AC	None Detected	N.D.	None	
Other		Mastic, Chalkboard/tack board mastic			D	N		6			EA	V9500	Presumed Asbestos		Presumed Asbestos	NF
Other	Base	Adhesive/mastic, Baseboard adhesive behind black rubber baseboards			D	N		100			LF	V0045	None Detected	N.D.	None	
Other <sup>2</sup>	Door	Caulking, White caulking on door frame interior side of exterior door			A	Y		17			LF	V0044	None Detected	N.D.	None	
Piping <sup>3</sup>		Cement Product			C	N		3			LF	V9000	Confirmed Asbestos		Confirmed Asbestos	NF
Piping	All	Fibreglass														
Structure		Not Insulated														
Wall <sup>4</sup>		Drywall and joint compound	Surface		A	Y		400			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			A	Y						V0016	[None]	0.5-5%	[Abated]	
Wall		Paint		Masonry	A	Y		600			SF	V0042	None Detected	N.D.	None	

- 1 - dated 2012
- 2 - No date identification
- 3 - Transite pipe
- 4 - installed 2014

**Client: Kawartha Pine Ridge District School Board**  
**Location: #50 : Classroom**  
**Survey Date: 2024-08-01**

**Site: 654 County Road 40, Trenton, ON**  
**Floor: 1**

**Building Name: Murray Centennial**  
**Room #: 114-2**  
**Last Re-Assessment: 0000-00-00**

**Area (sqft): 700**

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Concrete (poured)	600		SF	V0011	White paint on concrete block wall	Pb: 0.019 %	Lead (Low)	
Wall	Drywall and joint compound	400		SF	V0004	White paint on drywall	Pb: <0.0063 %	No	

**Client: Kawartha Pine Ridge District School Board**

**Site: 654 County Road 40, Trenton, ON**

**Building Name: Murray Centennial**

Location: #50 : Classroom  
Survey Date: 2024-08-01

Floor: 1

Room #: 114-2  
Last Re-Assessment: 0000-00-00

Area (sqft): 700

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	12	EA	V9000	Yes

Client: Kawartha Pine Ridge District School Board

Site: 654 County Road 40, Trenton, ON

Building Name: Murray Centennial

Location: #50 : Classroom  
Survey Date: 2024-08-01

Floor: 1

Room #: 114-2  
Last Re-Assessment: 0000-00-00

Area (sqft): 700

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Light Ballasts <sup>1</sup>	12	EA	V0000			No
Caulking	17	LF	V0002		<0.2 mg/kg	No

1 - T8 fixtures

**Client:** Kawartha Pine Ridge District School Board  
**Location:** #51 : Classroom  
**Survey Date:** 2024-08-01

**Site:** 654 County Road 40, Trenton, ON  
**Floor:** 1

**Building Name:** Murray Centennial  
**Room #:** 114-3  
**Last Re-Assessment:** 0000-00-00

**Area (sqft):** 600

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling <sup>1</sup>		Ceiling Tiles (lay-in), 24"x48" random flecks and small pinholes			C	Y		600			SF	V0000	Non-Asbestos		None	
Duct		Fibreglass			C	N		100			LF					
Duct		Not Insulated			C	N		20			LF					
Duct		Mastic, Grey			C	N	N	10			LF	V0039	None Detected	N.D.	None	
Floor		Vinyl Floor Tile and Mastic	Surface		A	Y		600			SF	V0079	None Detected	N.D.	None	
Mechanical Equipment	Air Handling Unit	Not Insulated			C	N		1			EA					
Other		Mastic, Chalkboard/tack board mastic			D	N		6			EA	V9500	Presumed Asbestos		Presumed Asbestos	NF
Other	Base	Adhesive/mastic, Baseboard adhesive behind black rubber baseboards			D	N		100			LF	V0045	None Detected	N.D.	None	
Other <sup>2</sup>	Door	Caulking, White caulking on door frame			A	Y		17			LF	V0044	None Detected	N.D.	None	
Other	Sink	Mastic			A	Y		2			EA	S0029ABC	None Detected	N.D.	None	
Piping <sup>3</sup>		Cement Product			C	N		20			LF	V9000	Confirmed Asbestos		Confirmed Asbestos	NF
Piping		Fibreglass														
Structure		Not Insulated														
Wall <sup>4</sup>		Drywall and joint compound	Surface		A	Y		400			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			A	Y						S0016D	[None]	0.5-5%	[Abated]	
Wall		Paint		Masonry	A	Y		600			SF	V0042	None Detected	N.D.	None	

- 1 - dated 2005
- 2 - No date identification
- 3 - Transite pipe
- 4 - installed 2014

**Client:** Kawartha Pine Ridge District School Board  
**Location:** #51 : Classroom  
**Survey Date:** 2024-08-01

**Site:** 654 County Road 40, Trenton, ON  
**Floor:** 1

**Building Name:** Murray Centennial  
**Room #:** 114-3  
**Last Re-Assessment:** 0000-00-00

**Area (sqft):** 600

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Concrete (poured)	600		SF	V0011	White paint on concrete block wall	Pb: 0.019 %	Lead (Low)	
Wall	Drywall and joint compound	400		SF	V0004	White paint on drywall	Pb: <0.0063 %	No	

**Client:** Kawartha Pine Ridge District School Board  
**Location:** #51 : Classroom  
**Survey Date:** 2024-08-01

**Site:** 654 County Road 40, Trenton, ON  
**Floor:** 1

**Building Name:** Murray Centennial  
**Room #:** 114-3  
**Last Re-Assessment:** 0000-00-00

**Area (sqft):** 600

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	12	EA	V9000	Yes

**Client:** Kawartha Pine Ridge District School Board  
**Location:** #51 : Classroom  
**Survey Date:** 2024-08-01

**Site:** 654 County Road 40, Trenton, ON  
**Floor:** 1

**Building Name:** Murray Centennial  
**Room #:** 114-3  
**Last Re-Assessment:** 0000-00-00

**Area (sqft):** 600

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Light Ballasts <sup>1</sup>	12	EA	V0000			No
Caulking	17	LF	V0002		<0.2 mg/kg	No

1 - T8 fixtures



**Client: Kawartha Pine Ridge District School Board**  
**Location: #52 : Kindergarten**  
**Survey Date: 2024-08-01**

**Site: 654 County Road 40, Trenton, ON**  
**Floor: 1**

**Building Name: Murray Centennial**  
**Room #: 121**  
**Last Re-Assessment: 0000-00-00**

**Area (sqft): 600**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling <sup>1</sup>	Acoustic Tile	Ceiling Tiles (lay-in), 24x48 lay-in, fleck and pinhole			C	Y		600			SF	V0000	Non-Asbestos		None	
Duct		None Found														
Floor		Vinyl Floor Tile and Mastic, 12" x 12" Off-white with brown specks			A	Y		600				S0079ABC	None Detected	N.D.	None	
Mechanical Equipment		None Found														
Other		Caulking, White caulking around window			A	Y		20			LF	V0027	None Detected	N.D.	None	
Other		Mastic, Chalkboard/tack board mastic			D	N		6			EA	V9500	Presumed Asbestos		Presumed Asbestos	NF
Other	Base	Adhesive/mastic, Baseboard adhesive behind black rubber baseboards			D	N		100			LF	S0045ABC	None Detected	N.D.	None	
Other <sup>2</sup>	Door	Caulking, White caulking on door frame interior side of exterior door			A	Y		17			LF	S0044ABC	None Detected	N.D.	None	
Other	Sink	Mastic	Surface		A	Y	N					S0030	[None]	0.5-5%	[Abated]	
Piping <sup>3</sup>		Cement Product			C	N		20			LF	V9000	Confirmed Asbestos		Confirmed Asbestos	NF
Piping		Fibreglass			C	N		100			LF					
Structure		Not Insulated														
Wall <sup>4</sup>		Drywall and joint compound	Surface		A	Y		200			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			A	Y						V0016	[None]	0.5-5%	[Abated]	
Wall		Masonry														
Wall		Paint, White paint on concrete block walls		Masonry	A	Y		1000				S0042ABC	None Detected	N.D.	None	

- 1 - Date stamp 08/09/18
- 2 - No date identification
- 3 - Transite pipe
- 4 - installed 2018

**Client: Kawartha Pine Ridge District School Board**  
**Location: #52 : Kindergarten**  
**Survey Date: 2024-08-01**

**Site: 654 County Road 40, Trenton, ON**  
**Floor: 1**

**Building Name: Murray Centennial**  
**Room #: 121**  
**Last Re-Assessment: 0000-00-00**

**Area (sqft): 600**

PAINT								
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard
Wall	Concrete (precast)	1500		SF	V0011	White paint on concrete block wall	Pb: 0.019 %	Lead (Low)
Wall	Drywall and joint compound	200		SF	V0004	White paint on drywall	Pb: <0.0063 %	No
Other	Metal	25		SF	V0003	Dark blue on door	Pb: 0.0088 %	No

**Client: Kawartha Pine Ridge District School Board**

**Site: 654 County Road 40, Trenton, ON**

**Building Name: Murray Centennial**

Location: #52 : Kindergarten  
Survey Date: 2024-08-01

Floor: 1

Room #: 121  
Last Re-Assessment: 0000-00-00

Area (sqft): 600

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	24	EA	V9000	Yes

Client: Kawartha Pine Ridge District School Board

Site: 654 County Road 40, Trenton, ON

Building Name: Murray Centennial

Location: #52 : Kindergarten  
Survey Date: 2024-08-01

Floor: 1

Room #: 121  
Last Re-Assessment: 0000-00-00

Area (sqft): 600

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Caulking		Kg	P0002		<0.2 mg/kg	No
Light Ballasts <sup>1</sup>	24	EA	V0000			No

1 - T8 fixtures

**Client:** Kawartha Pine Ridge District School Board  
**Location:** #53 : Kindergarten  
**Survey Date:** 2024-08-01

**Site:** 654 County Road 40, Trenton, ON  
**Floor:** 1

**Building Name:** Murray Centennial  
**Room #:** 120  
**Last Re-Assessment:** 0000-00-00

**Area (sqft):** 600

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling <sup>1</sup>		Ceiling Tiles (lay-in)										S0026	[None]	0.5-5%	[Abated]	
Ceiling <sup>2</sup>	Acoustic Tile	Ceiling Tiles (lay-in)	Surface		C	Y		600			SF	V0000	Non-Asbestos		None	
Duct		None Found														
Floor		Vinyl Floor Tile and Mastic, 12" x 12" Off-white with brown specks			A	Y		600			SF	V0079	None Detected	N.D.	None	
Mechanical Equipment		None Found														
Other		Caulking, White caulking around window			A	Y		20			LF	S0027ABC	None Detected	N.D.	None	
Other		Mastic, Chalkboard/tack board mastic			D	N		6			EA	V9500	Presumed Asbestos		Presumed Asbestos	NF
Other	Base	Adhesive/mastic, Beige baseboard mastic			D	N		30			LF	S0028ABC	Chrysotile	<0.5%	None	
Other <sup>3</sup>	Door	Caulking, White caulking on door frame			A	Y		17			LF	V0044	None Detected	N.D.	None	
Other	Sink	Mastic, Grey sink mastic			A	Y		1			EA	V0029	None Detected	N.D.	None	
Piping		Fibreglass			C	N		100			LF					
Structure		Not Insulated														
Wall <sup>4</sup>		Drywall and joint compound	Surface		A	Y		200			SF	V0000	Non-Asbestos		None	
Wall		Drywall and joint compound			A	Y						V0016	[None]	0.5-5%	[Abated]	
Wall		Masonry														
Wall		Paint, White paint on concrete block walls		Masonry	A	Y		1500			SF	V0042	None Detected	N.D.	None	

- 1 - abated
- 2 - Installed in 2018
- 3 - No date identification
- 4 - installed 2018

**Client:** Kawartha Pine Ridge District School Board  
**Location:** #53 : Kindergarten  
**Survey Date:** 2024-08-01

**Site:** 654 County Road 40, Trenton, ON  
**Floor:** 1

**Building Name:** Murray Centennial  
**Room #:** 120  
**Last Re-Assessment:** 0000-00-00

**Area (sqft):** 600

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Wall	Concrete (poured)	1500		SF	V0011	White paint on concrete block wall	Pb: 0.019 %	Lead (Low)	
Wall	Drywall and joint compound	200		SF	V0004	White paint on drywall	Pb: <0.0063 %	No	

**Client:** Kawartha Pine Ridge District School Board  
**Location:** #53 : Kindergarten  
**Survey Date:** 2024-08-01

**Site:** 654 County Road 40, Trenton, ON  
**Floor:** 1

**Building Name:** Murray Centennial  
**Room #:** 120  
**Last Re-Assessment:** 0000-00-00

**Area (sqft):** 600

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	12	EA	V9000	Yes

Client: Kawartha Pine Ridge District School Board  
 Location: #53 : Kindergarten  
 Survey Date: 2024-08-01

Site: 654 County Road 40, Trenton, ON  
 Floor: 1

Building Name: Murray Centennial  
 Room #: 120  
 Last Re-Assessment: 0000-00-00

Area (sqft): 600

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Light Ballasts <sup>1</sup>	12	EA	V0000			No
Caulking	17	LF	V0002		<0.2 mg/kg	No

1 - T8 fixtures

**Client:** Kawartha Pine Ridge District School Board  
**Location:** #73 : Washroom  
**Survey Date:** 2024-08-01

**Site:** 654 County Road 40, Trenton, ON  
**Floor:** 1

**Building Name:** Murray Centennial  
**Room #:** 120A  
**Last Re-Assessment:** 0000-00-00

**Area (sqft):** 40

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling <sup>1</sup>		Ceiling Tiles (lay-in), 24"x48" random fleck and pinhole	Surface		C	Y		40			SF	V0000	Non-Asbestos		None	
Duct		Not Insulated			C	N		5			LF					
Floor		Epoxy			A	Y		40			SF	V0000	Non-Asbestos		None	
Mechanical Equipment		None Found														
Piping	All	Fibreglass														
Structure		Not Insulated														
Wall		Drywall and joint compound			A	Y						V0016	[None]	0.5-5%	[Abated]	
Wall <sup>2</sup>		Drywall and joint compound	Surface		D	N		200			SF	V0000	Non-Asbestos		None	
Wall		Ceramic Tiles			A	Y		200			SF					
Wall		Mortar		Ceramic Tiles	D	N		200			SF	V9500	Presumed Asbestos		Presumed Asbestos	NF

1 - dated 2018  
2 - installed 2018

**Client:** Kawartha Pine Ridge District School Board  
**Location:** #73 : Washroom  
**Survey Date:** 2024-08-01

**Site:** 654 County Road 40, Trenton, ON  
**Floor:** 1

**Building Name:** Murray Centennial  
**Room #:** 120A  
**Last Re-Assessment:** 0000-00-00

**Area (sqft):** 40

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	1	EA	V9000	Yes

**Client:** Kawartha Pine Ridge District School Board  
**Location:** #73 : Washroom  
**Survey Date:** 2024-08-01

**Site:** 654 County Road 40, Trenton, ON  
**Floor:** 1

**Building Name:** Murray Centennial  
**Room #:** 120A  
**Last Re-Assessment:** 0000-00-00

**Area (sqft):** 40

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Light Ballasts <sup>1</sup>	1	EA	V0000			No

1 - Non-PCB due to 2018 renovations

**Client:** Kawartha Pine Ridge District School Board  
**Location:** #74 : Washroom  
**Survey Date:** 2024-08-01

**Site:** 654 County Road 40, Trenton, ON  
**Floor:** 1

**Building Name:** Murray Centennial  
**Room #:** 121A  
**Last Re-Assessment:** 0000-00-00

**Area (sqft):** 40

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling <sup>1</sup>		Ceiling Tiles (lay-in), 24"x48" random fleck and pinhole	Surface		C	Y		40			SF	V0000	Non-Asbestos		None	
Duct		Not Insulated			C	N		5			LF					
Floor		Epoxy			A	Y		40			SF	V0000	Non-Asbestos		None	
Mechanical Equipment		None Found														
Piping	All	Fibreglass														
Structure		Not Insulated														
Wall		Drywall and joint compound			A	Y						V0016	[None]	0.5-5%	[Abated]	
Wall <sup>2</sup>		Drywall and joint compound	Surface		D	N		200			SF	V0000	Non-Asbestos		None	
Wall		Ceramic Tiles			A	Y		200			SF					
Wall		Mortar		Ceramic Tiles	D	N		200			SF	V9500	Presumed Asbestos		Presumed Asbestos	NF

1 - dated 2018  
2 - installed 2018

**Client:** Kawartha Pine Ridge District School Board  
**Location:** #74 : Washroom  
**Survey Date:** 2024-08-01

**Site:** 654 County Road 40, Trenton, ON  
**Floor:** 1

**Building Name:** Murray Centennial  
**Room #:** 121A  
**Last Re-Assessment:** 0000-00-00

**Area (sqft):** 40

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	1	EA	V9000	Yes

**Client:** Kawartha Pine Ridge District School Board  
**Location:** #74 : Washroom  
**Survey Date:** 2024-08-01

**Site:** 654 County Road 40, Trenton, ON  
**Floor:** 1

**Building Name:** Murray Centennial  
**Room #:** 121A  
**Last Re-Assessment:** 0000-00-00

**Area (sqft):** 40

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Light Ballasts <sup>1</sup>	1	EA	V0000			No

1 - Non-PCB due to 2018 renovations

**Client: Kawartha Pine Ridge District School Board**  
**Location: #77 : 2014 Phase Construction**  
**Survey Date: 2024-08-01**

**Site: 654 County Road 40, Trenton, ON**  
**Floor: NA**

**Building Name: Murray Centennial**  
**Room #: H9, V10, 1**  
**Last Re-Assessment: 0000-00-00**

**Area (sqft): 2000**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling <sup>1</sup>		Ceiling Tiles (lay-in), 24"X48" large ridge with scattered pinhole			C	Y		2000			SF	V0000	Non-Asbestos		None	
Duct		Not Insulated			C	N		60			LF					
Duct		Mastic			C	N		20			LF	S0065ABC	None Detected	N.D.	None	
Floor <sup>2</sup>		Vinyl Floor Tile and Mastic, 12" x 12" white with grey flecks			A	Y		1000			SF	V0000	Non-Asbestos		None	
Floor <sup>3</sup>		Ceramic Tiles			A	Y		200			SF					
Floor		Terrazzo			A	Y		800			SF	V9500	Presumed Asbestos		Presumed Asbestos	NF
Floor		Mortar			D	N		200			SF	V9500	Presumed Asbestos		Presumed Asbestos	NF
Mechanical Equipment		None Found														
Other <sup>4</sup>		Paint, Off-white paint on masonry wall			A	Y		2500			SF	S0066ABC DE	None Detected	N.D.	None	
Other		Caulking, White caulking around door frames			A	Y		200			LF	S0068ABC	None Detected	N.D.	None	
Other <sup>5</sup>	Sink	Not Insulated			A	Y		2			EA					
Piping		Fibreglass			C	N		60			LF					
Structure		Not Insulated														
Wall <sup>6</sup>		Drywall and joint compound			D	N		400			SF	V0000	Non-Asbestos		None	
Wall		Masonry			A	Y		2500			SF					
Wall <sup>7</sup>		Ceramic Tiles			A	Y		400			SF					
Wall <sup>8</sup>		Adhesive/mastic			D	N		100			LF	S0067ABC	None Detected	N.D.	None	
Wall		Mortar			D	N		400			SF	V9500	Presumed Asbestos		Presumed Asbestos	NF

Includes all of 2014 construction. No asbestos containing materials present.

- 1 - Date stamped 08/14/13
- 2 - Installed in 2014
- 3 - 12" x 24" grey
- 4 - Paint on masonry block
- 5 - No mastic
- 6 - Installed 2014
- 7 - 12" x 24" grey
- 8 - Beige baseboard mastic

**Client: Kawartha Pine Ridge District School Board**  
**Location: #77 : 2014 Phase Construction**  
**Survey Date: 2024-08-01**

**Site: 654 County Road 40, Trenton, ON**  
**Floor: NA**

**Building Name: Murray Centennial**  
**Room #: H9, V10, 1**  
**Last Re-Assessment: 0000-00-00**

**Area (sqft): 2000**

PAINT								
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard
Wall	Masonry	2500		SF	L0013	Off-white paint on masonry wall	Pb: <0.00013 %	No
Other	Metal	25		SF	V0003	Dark blue on door	Pb: 0.0088 %	No

Includes all of 2014 construction. No asbestos containing materials present.

Client: Kawartha Pine Ridge District School Board  
 Site: 654 County Road 40, Trenton, ON  
 Building Name: Murray Centennial  
 Location: #77 : 2014 Phase Construction  
 Floor: NA  
 Room #: H9, V10, 1  
 Area (sqft): 2000  
 Survey Date: 2024-08-01  
 Last Re-Assessment: 0000-00-00

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

Includes all of 2014 construction. No asbestos containing materials present.

Client: Kawartha Pine Ridge District School Board  
 Site: 654 County Road 40, Trenton, ON  
 Building Name: Murray Centennial  
 Location: #77 : 2014 Phase Construction  
 Floor: NA  
 Room #: H9, V10, 1  
 Area (sqft): 2000  
 Survey Date: 2024-08-01  
 Last Re-Assessment: 0000-00-00

MERCURY				
Component	Quantity	Unit	Sample	Hazard
Light Fixture	24	EA	V9000	Yes

Includes all of 2014 construction. No asbestos containing materials present.

Client: Kawartha Pine Ridge District School Board  
 Site: 654 County Road 40, Trenton, ON  
 Building Name: Murray Centennial  
 Location: #77 : 2014 Phase Construction  
 Floor: NA  
 Room #: H9, V10, 1  
 Area (sqft): 2000  
 Survey Date: 2024-08-01  
 Last Re-Assessment: 0000-00-00

PCB						
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB
Light Ballasts <sup>1</sup>	24	EA	V0000			No

Includes all of 2014 construction. No asbestos containing materials present.

1 - T8 ballasts



**Client: Kawartha Pine Ridge District School Board**  
**Location: #81 : Exterior Wall For Renovation**  
**Survey Date: 2024-08-01**

**Site: 654 County Road 40, Trenton, ON**  
**Floor:**

**Building Name: Murray Centennial**  
**Room #:**  
**Last Re-Assessment: 0000-00-00**

**Area (sqft): 1000**

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Other	Door	Caulking, Caulking on exterior of door			A	Y		20			LF	S0043ABC	None Detected	N.D.	None	
Other	Door	Caulking, Dark grey caulking on exterior door			A	Y		20			LF	S0046ABC	None Detected	N.D.	None	
Other <sup>1</sup>	Fascia	Cement Product			C	Y		1200			SF	V9500	Presumed Asbestos		Presumed Asbestos	NF
Other	Fascia	Unidentified Material, clear pebbled rock fascia panels			C	Y		1200			SF	S0050ABC	None Detected	N.D.	None	
Other	Fascia	Caulking, White caulking on fascia			A	Y		70			LF	S0048ABC	Chrysotile	0.5-5%	Confirmed Asbestos	NF
Other <sup>2</sup>	Soffit	Cement Product			C	N		50			SF	V9500	Presumed Asbestos		Presumed Asbestos	NF
Structure	Soffit	Unidentified Material, white pebbled panels on soffit			C	Y		50			SF	S0049ABC	None Detected	N.D.	None	
Wall		Mortar, Brick masonry mortar			A	Y		400			SF	S0047ABC	None Detected	N.D.	None	
Wall		Caulking, Light grey caulking along window cages			A	Y		20			LF	S0082ABC	None Detected	N.D.	None	

1 - Transite presumed present behind decorative panel

2 - Transite presumed present behind texture coat and decorative panel

**Client: Kawartha Pine Ridge District School Board**  
**Location: #81 : Exterior Wall For Renovation**  
**Survey Date: 2024-08-01**

**Site: 654 County Road 40, Trenton, ON**  
**Floor:**

**Building Name: Murray Centennial**  
**Room #:**  
**Last Re-Assessment: 0000-00-00**

**Area (sqft): 1000**

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Other	Metal	25		SF	V0003	Dark blue on door	Pb: 0.0088 %	No	

**Client: Kawartha Pine Ridge District School Board**  
**Location: #81 : Exterior Wall For Renovation**  
**Survey Date: 2024-08-01**

**Site: 654 County Road 40, Trenton, ON**  
**Floor:**

**Building Name: Murray Centennial**  
**Room #:**  
**Last Re-Assessment: 0000-00-00**

**Area (sqft): 1000**

PCB							
Component	Quantity	Unit	Sample	Sample Description	Amount	PCB	
Caulking	20	LF	P0001		<0.2 mg/kg	No	
Caulking	102	LF	P0003		<0.2 mg/kg	No	
Caulking	70	LF	P0004		<0.2 mg/kg	No	
Caulking <sup>1</sup>	20	LF	P0005		<0.2 mg/kg	No	

1 - S0082

**Client:** Kawartha Pine Ridge District School Board  
**Location:** #86 : Roof H  
**Survey Date:** 2024-08-01

**Site:** 654 County Road 40, Trenton, ON  
**Floor:**

**Building Name:** Murray Centennial  
**Room #:**  
**Last Re-Assessment:** 0000-00-00

**Area (sqft):** 2000

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Duct <sup>1</sup>		Caulking, White caulking on duct		Mastic	A	Y		5			LF	S0072ABC	None Detected	N.D.	None	
Duct		Mastic, Grey duct mastic			A	Y		20			LF	S0073ABC	None Detected	N.D.	None	
Floor		Roofing material			C	Y		2000			SF	V9500	Presumed Asbestos		Presumed Asbestos	NF
Other		Tar, Tar on vents			A	Y		5			LF	S0074ABC	None Detected	N.D.	None	
Other		Caulking, Grey caulking on flashing			A	Y		10			LF	S0075ABC	None Detected	N.D.	None	

2014 addition  
1 - Grey duct mastic s0073 covering

**Client:** Kawartha Pine Ridge District School Board  
**Location:** #86 : Roof H  
**Survey Date:** 2024-08-01

**Site:** 654 County Road 40, Trenton, ON  
**Floor:**

**Building Name:** Murray Centennial  
**Room #:**  
**Last Re-Assessment:** 0000-00-00

**Area (sqft):** 2000

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Other	Metal	50		SF	V9500	Brown primer on flashing		Presumed Lead	

2014 addition

**Client:** Kawartha Pine Ridge District School Board  
**Location:** #87 : Roof G  
**Survey Date:** 2024-08-01

**Site:** 654 County Road 40, Trenton, ON  
**Floor:**

**Building Name:** Murray Centennial  
**Room #:**  
**Last Re-Assessment:** 0000-00-00

**Area (sqft):** 4000

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Floor		Roofing material			C	Y		4000			SF	V9500	Presumed Asbestos		Presumed Asbestos	NF
Other		Caulking, Grey caulking on flashing			A	Y		10			LF	S0076ABC	None Detected	N.D.	None	

**Client:** Kawartha Pine Ridge District School Board  
**Location:** #87 : Roof G  
**Survey Date:** 2024-08-01

**Site:** 654 County Road 40, Trenton, ON  
**Floor:**

**Building Name:** Murray Centennial  
**Room #:**  
**Last Re-Assessment:** 0000-00-00

**Area (sqft):** 4000

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Other	Metal	50		SF	V9500	Brown primer on flashing		Presumed Lead	

**Client:** Kawartha Pine Ridge District School Board  
**Location:** #88 : Roof F2  
**Survey Date:** 2024-08-01

**Site:** 654 County Road 40, Trenton, ON  
**Floor:**

**Building Name:** Murray Centennial  
**Room #:**  
**Last Re-Assessment:** 0000-00-00

**Area (sqft):** 5000

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Floor		Roofing material						5000			SF	V9500	Presumed Asbestos		Presumed Asbestos	NF
Other		Tar, Tar on vents			A	Y		10			LF	S0078ABC	None Detected	N.D.	None	
Other		Caulking, Brown caulking on flashing			A	Y		10			LF	S0077ABC	None Detected	N.D.	None	

**Client:** Kawartha Pine Ridge District School Board  
**Location:** #88 : Roof F2  
**Survey Date:** 2024-08-01

**Site:** 654 County Road 40, Trenton, ON  
**Floor:**

**Building Name:** Murray Centennial  
**Room #:**  
**Last Re-Assessment:** 0000-00-00

**Area (sqft):** 5000

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Other	Metal	50		SF	V9500	Brown primer on flashing		Presumed Lead	

**Client:** Kawartha Pine Ridge District School Board  
**Location:** #89 : 2014 Addition Exterior  
**Survey Date:** 2024-08-01

**Site:** 654 County Road 40, Trenton, ON  
**Floor:**

**Building Name:** Murray Centennial  
**Room #:**  
**Last Re-Assessment:** 0000-00-00

**Area (sqft):** 500

ASBESTOS																
System	Component	Material	Item	Covering	A*	V*	AP*	Good	Fair	Poor	Unit	Sample	Asbestos Type	Amount	Hazard	Friable
Ceiling <sup>1</sup>		Texture Coat			C	Y		50			SF	S0070ABC	None Detected	N.D.	None	
Other		Caulking, Brown caulking on expansion joints and exterior door frame			A	Y		50			LF	S0069ABC	None Detected	N.D.	None	
Other		Caulking, White caulking on exterior brick			A	Y		10			LF	S0071ABC	None Detected	N.D.	None	
Other <sup>2</sup>	Soffit	Cement Product			C	N		50			SF	V9500	Presumed Asbestos		Presumed Asbestos	NF

1 - On soffit above door

2 - Transite presumed present behind texture coat and decorative panel

**Client:** Kawartha Pine Ridge District School Board  
**Location:** #89 : 2014 Addition Exterior  
**Survey Date:** 2024-08-01

**Site:** 654 County Road 40, Trenton, ON  
**Floor:**

**Building Name:** Murray Centennial  
**Room #:**  
**Last Re-Assessment:** 0000-00-00

**Area (sqft):** 500

PAINT									
System	Item	Good	Poor	Unit	Sample	Sample Description	Amount	Hazard	
Other	Metal	25		SF	V0003	Dark blue on door	Pb: 0.0088 %	No	

## Legend:



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

Access	
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.

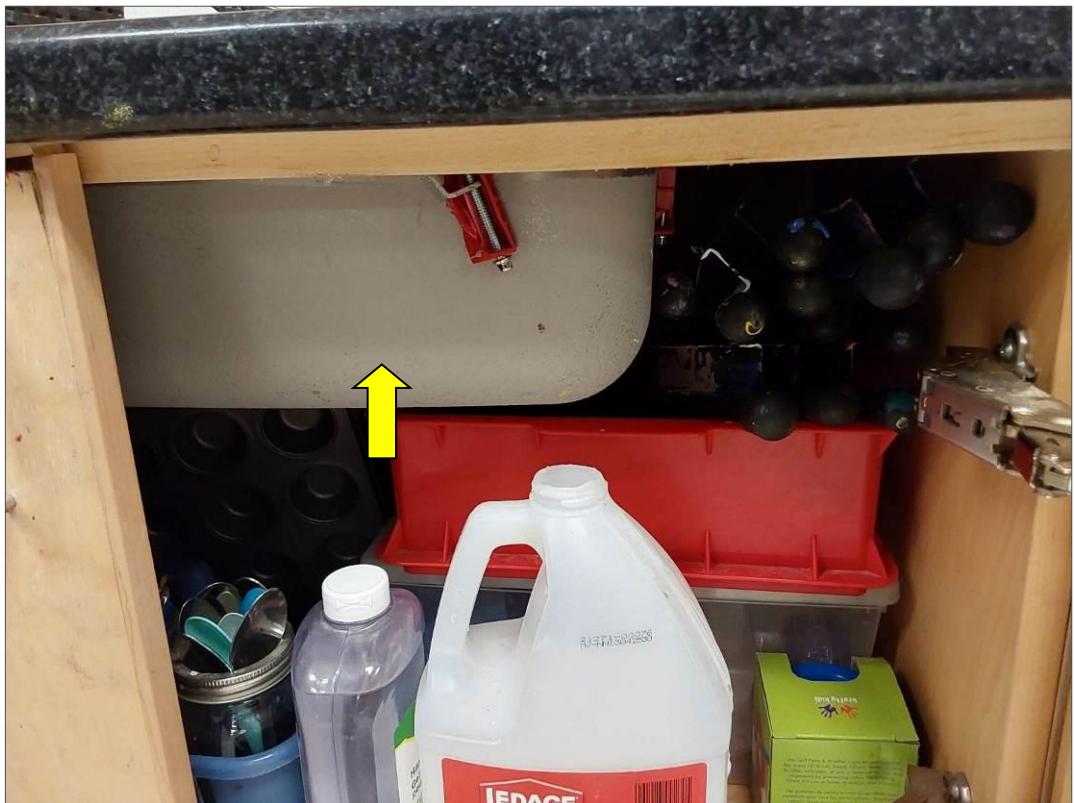
Air Plenum	
Yes or No	The material is in a return air plenum or in a direct airstream or there is evidence of air erosion (e.g. duct for heating or cooling blowing directly on or across an ACM). This field is only completed where Air Plenum consideration is required by regulation.

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.

**APPENDIX VII**  
**Photographs**



S0028 (None), Beige baseboard mastic, Other, Base, Adhesive/mastic, Kindergarten (Location #: 53)



V0029 (None), Grey sink mastic, Other, Mastic, Kindergarten (Location #: 53)





S0031 (None), Other, Caulking, Classroom (Location #: 50)



S0039A (None), Grey duct mastic, Duct, Mastic, Grey, Classroom (Location #: 40)

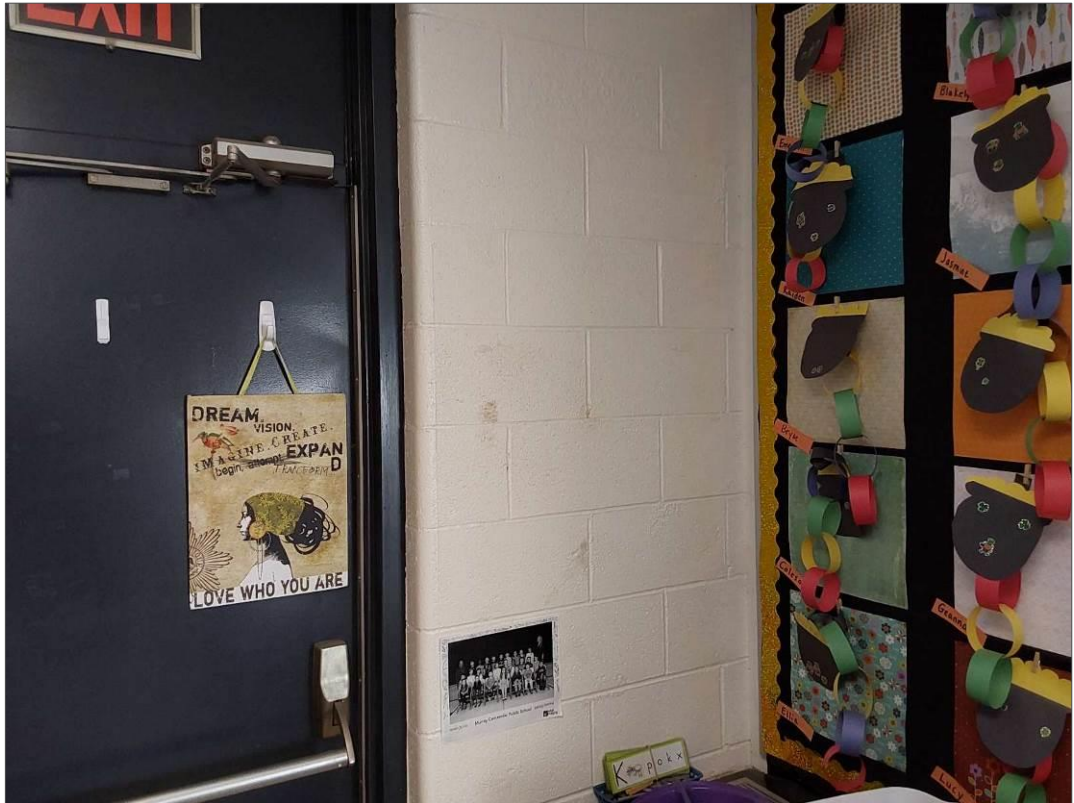


S0040A (None), Grey caulking on 2006 date stamped door, Other, Door, Caulking, Corridor (Location #: 48)

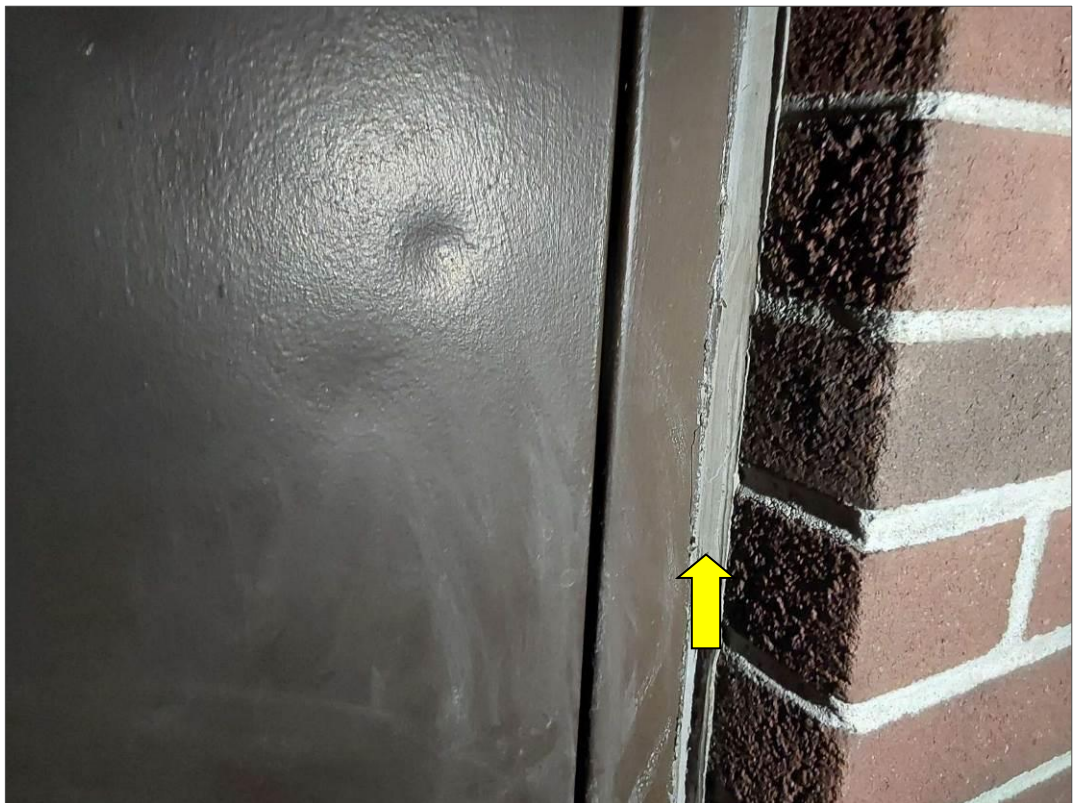


S0041A (None), Floor, Terrazzo, Corridor (Location #: 48)





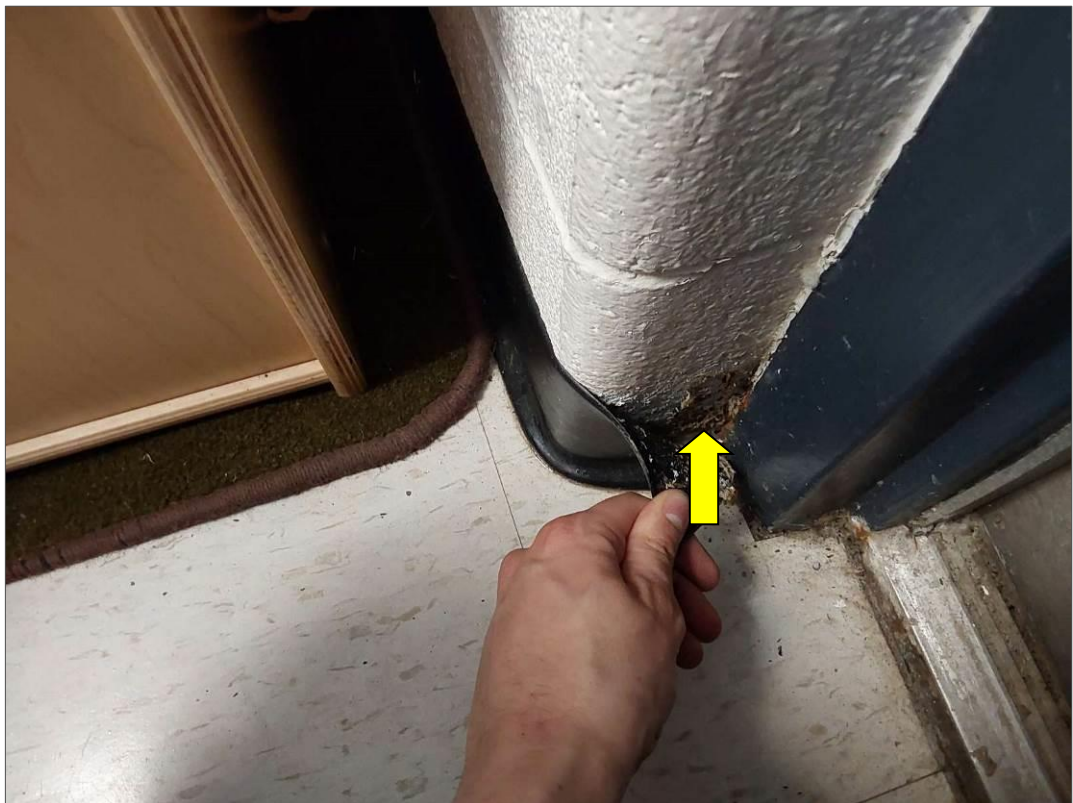
S0042C (None), White paint on concrete block walls, Wall, Paint, Kindergarten (Location #: 52)



S0043C (None), Caulking on exterior of door, Other, Door, Caulking, Exterior Wall For Renovation (Location #: 81)



S0044A (None), White caulking on door frame interior side of exterior door, Other, Door, Caulking, Kindergarten (Location #: 52)

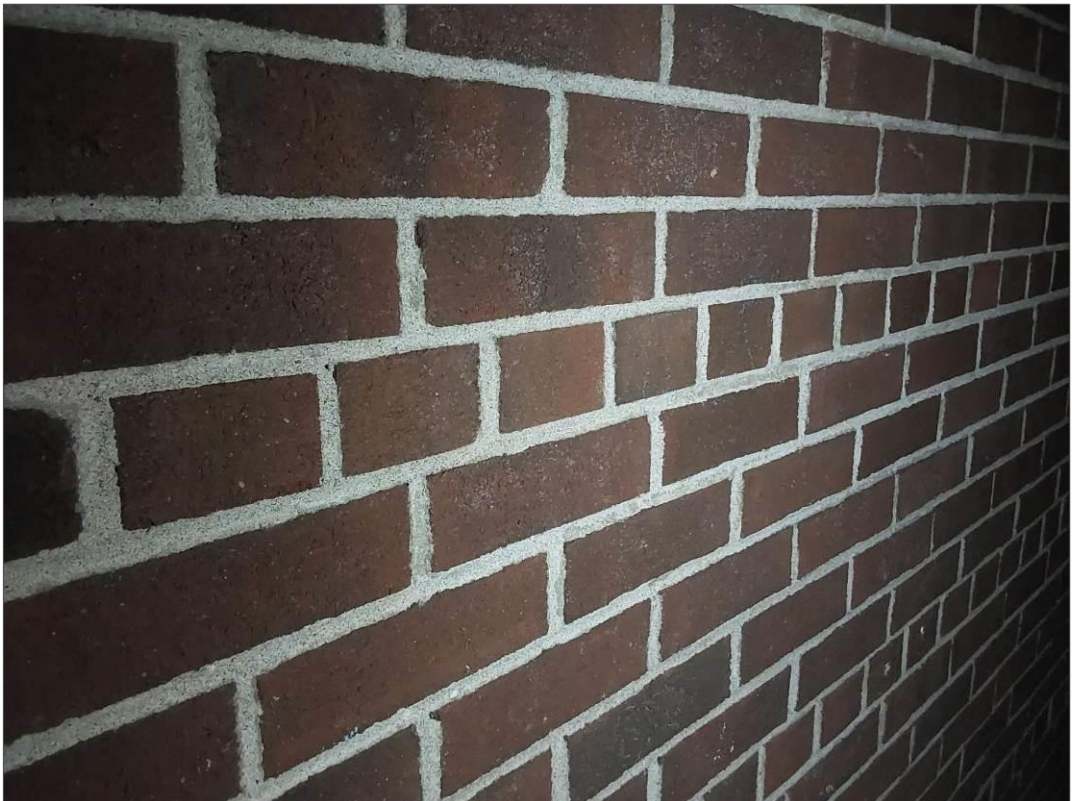


S0045A (None), Baseboard adhesive behind black rubber baseboards, Other, Base, Adhesive/mastic, Kindergarten (Location #: 52)





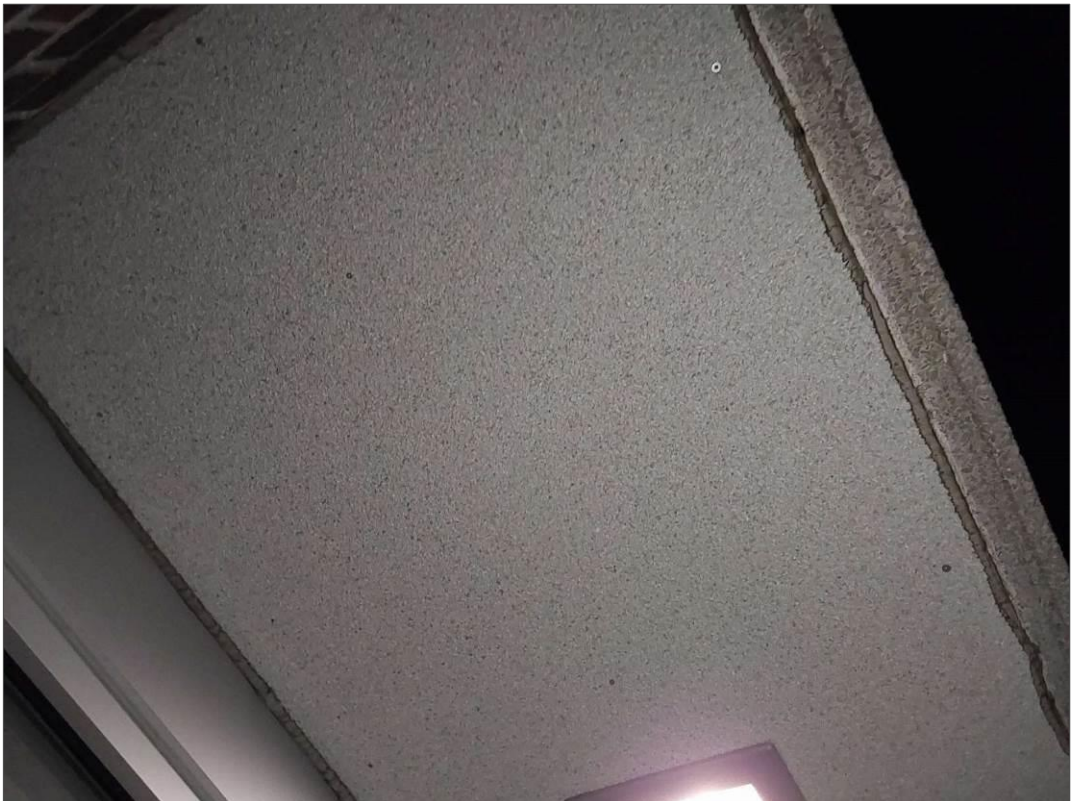
S0046C (None), Dark grey caulking on exterior door, Other, Door, Caulking, Exterior Wall For Renovation (Location #: 81)



S0047C (None), Brick masonry mortar, Wall, Mortar, Exterior Wall For Renovation (Location #: 81)



S0048C (Confirmed Asbestos), White caulking on fascia, Other, Fascia, Caulking, Exterior Wall For Renovation (Location #: 81)

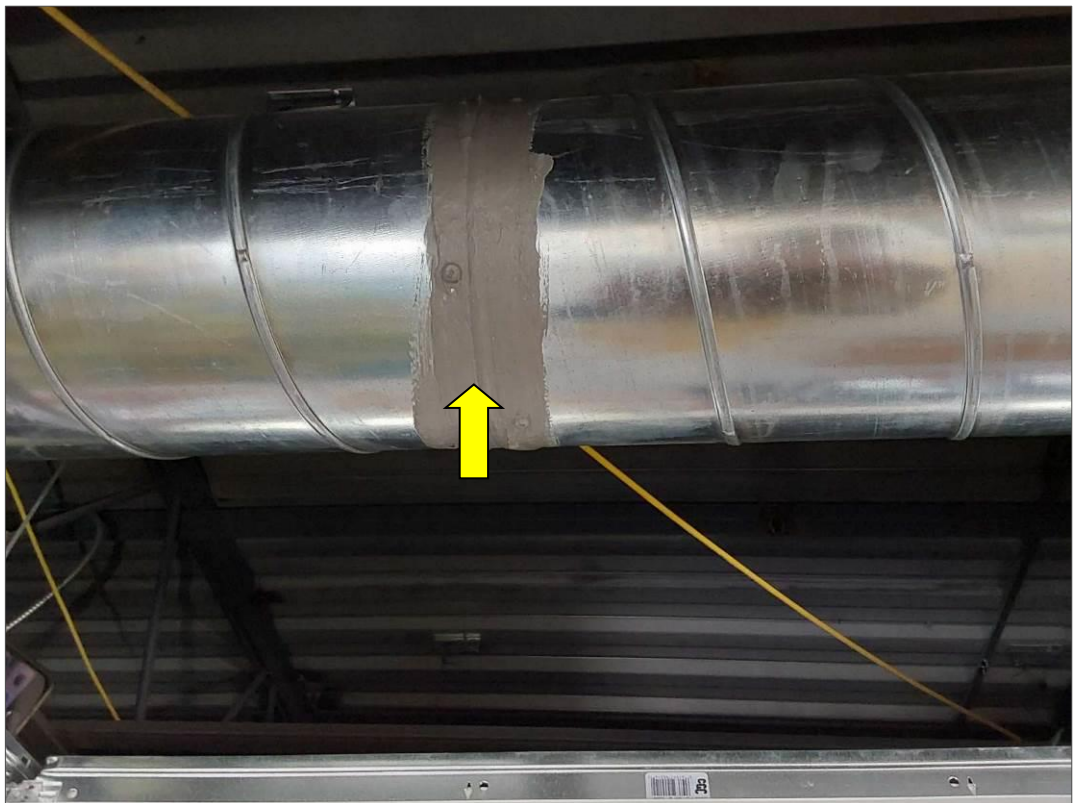


S0049C (None), white pebbled panels on soffit, Structure, Soffit, Unidentified Material, Exterior Wall For Renovation (Location #: 81)





S0050C (None), clear pebbled rock fascia panels, Other, Fascia, Unidentified Material, Exterior Wall For Renovation (Location #: 81)



S0065C (None), Duct, Mastic, 2014 Phase Construction (Location #: 77)



S0066E (None), Off-white paint on masonry wall, Other, Paint, 2014 Phase Construction (Location #: 77)  
Paint on masonry block



S0067A (None), Wall, Adhesive/mastic, 2014 Phase Construction (Location #: 77)  
Beige baseboard mastic





S0068A (None), White caulking around door frames, Other, Caulking, 2014 Phase Construction (Location #: 77)



S0069C (None), Brown caulking on expansion joints and exterior door frame, Other, Caulking, Exterior Wall For Renovation (Location #: 81)



S0070C (None), Ceiling, Texture Coat, Exterior Wall For Renovation (Location #: 81)  
On soffit above door



S0071C (None), White caulking on exterior brick, Other, Caulking, Exterior Wall For Renovation (Location #: 81)





S0072C (None), White caulking on duct, Duct, Caulking, Roof H (Location #: 86)  
Grey duct mastic covering s0073



S0073C (None), Grey duct mastic, Duct, Mastic, Roof H (Location #: 86)





S0074C (None), Tar on vents, Other, Tar, Roof H (Location #: 86)



S0075C (None), Grey caulking on flashing, Other, Caulking, Roof H (Location #: 86)





S0076A (None), Grey caulking on flashing, Other, Caulking, Roof G (Location #: 87)



S0077A (None), Brown caulking on flashing, Other, Caulking, Roof F2 (Location #: 88)



S0078A (None), Tar on vents, Other, Tar, Roof F2 (Location #: 88)



S0079C (None), 12" x 12" Off-white with brown specks, Floor, Vinyl Floor Tile and Mastic, Kindergarten (Location #: 52)





S0080C (None), Brown firestopping, Other, Firestopping (mastic), Corridor (Location #: 48)



S0081C (None), 12" x 12" white with grey splotch, Floor, Vinyl Floor Tile and Mastic, Classroom (Location #: 40)



S0082C (None), Light grey caulking along window cages, Wall, Caulking, Exterior Wall For Renovation (Location #: 81)



V9000 (Confirmed Asbestos), Piping, Cement Product, Kindergarten (Location #: 52)  
Transite pipe





V9500 (Presumed Asbestos), Floor, Terrazzo, 2014 Phase Construction (Location #: 77)



V9500 (Presumed Asbestos), Other, Fascia, Cement Product, Exterior Wall For Renovation (Location #: 81)  
Transite presumed present behind decorative panel



V9500 (Presumed Asbestos), Other, Soffit, Cement Product, Exterior Wall For Renovation (Location #: 81)  
Transite presumed present behind texture coat and decorative panel



V0000 (None), 24x48 lay-in, fleck and pinhole, Ceiling, ACOUSTIC TILE, Ceiling Tiles (lay-in), Kindergarten (Location #: 52)  
Date stamp 08/09/18





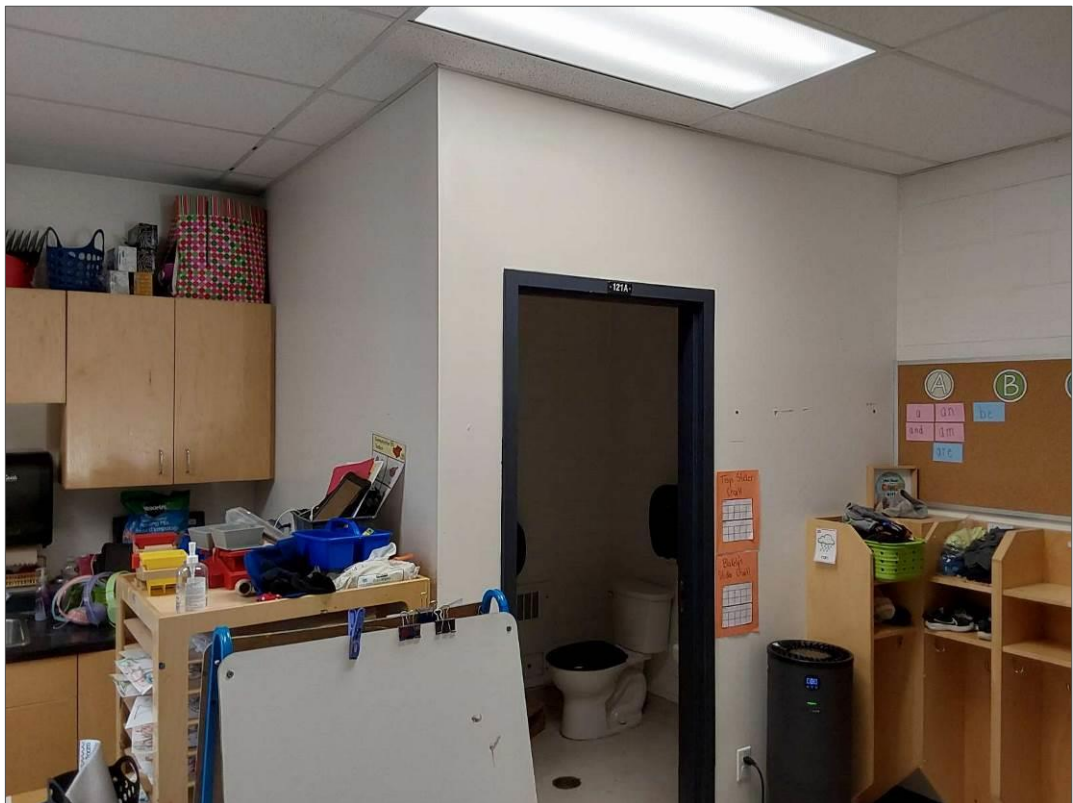
V0000 (None), 12" x 12" white with grey flecks, Floor, Vinyl Floor Tile and Mastic, 2014 Phase Construction (Location #: 77)  
Installed in 2014



V0000 (None), 24"X48" large ridge with scattered pinhole, Ceiling, Ceiling Tiles (lay-in), 2014 Phase Construction (Location #: 77)  
Date stamped 08/14/13



V0003(Lead, None), Dark blue on door, Other, Kindergarten (Location #: 52)

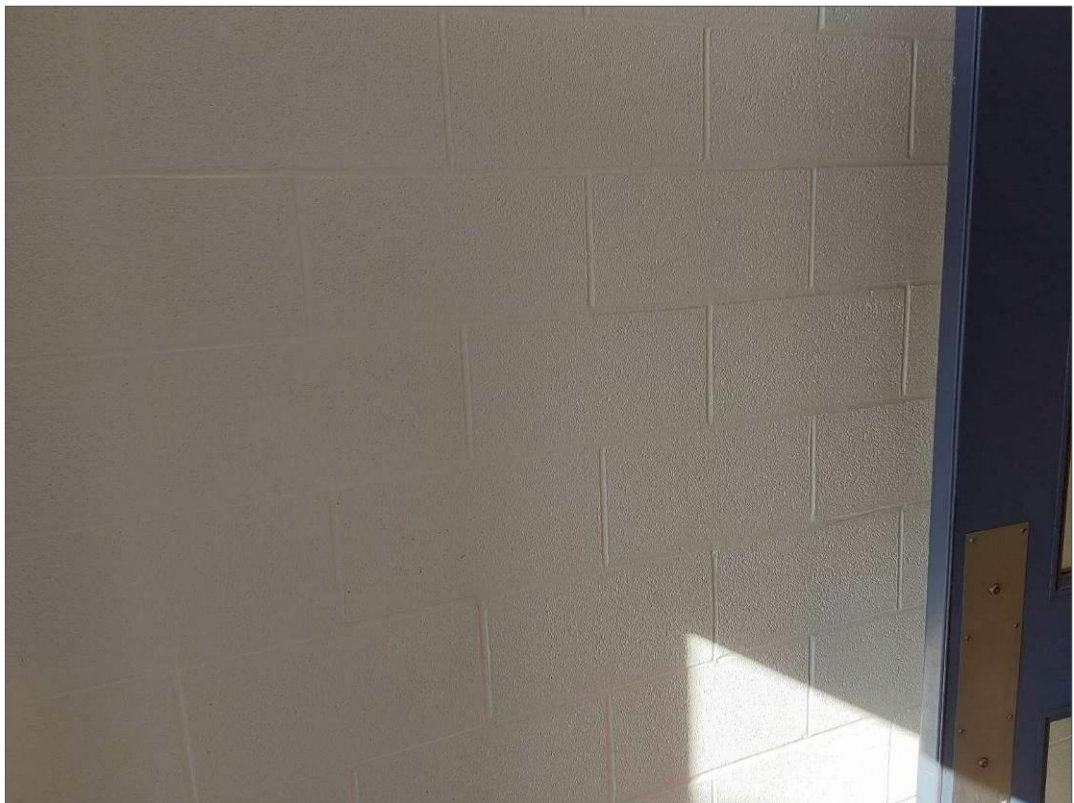


V0004(Lead, None), White paint on drywall, Wall, Kindergarten (Location #: 52)





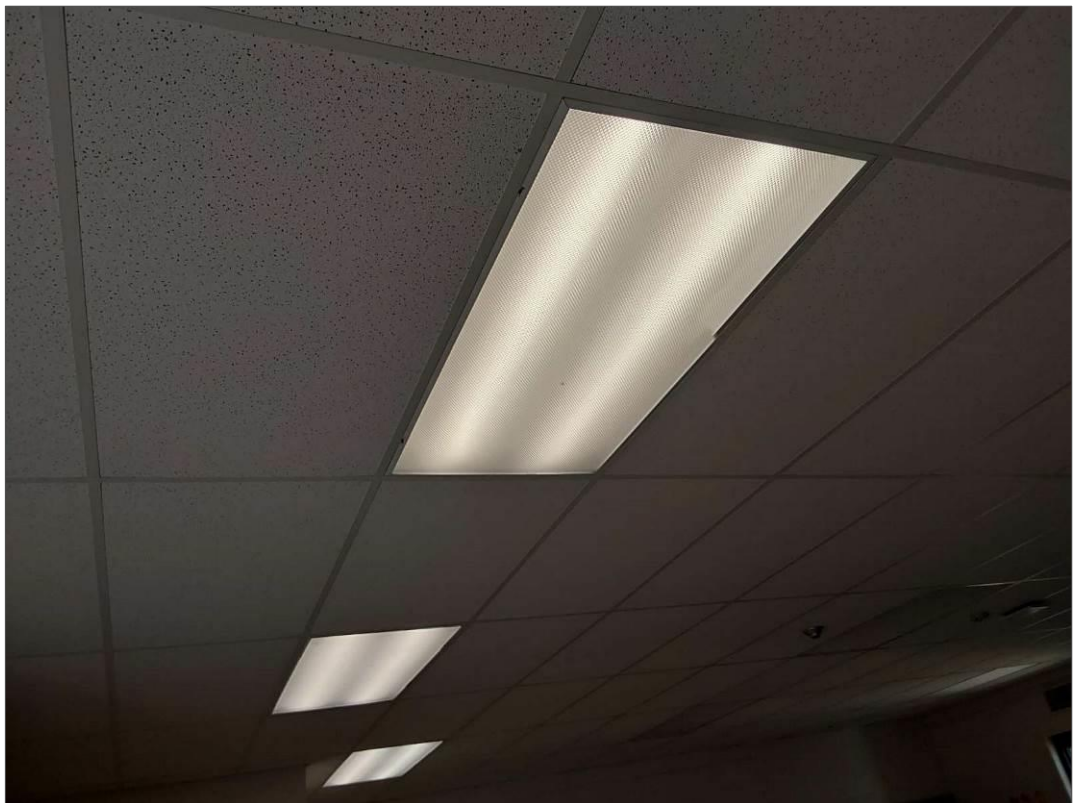
L0011(Lead, Low), White paint on concrete block wall, Wall, Kindergarten (Location #: 52)



L0013(Lead, None), Off-white paint on masonry wall, Wall, 2014 Phase Construction (Location #: 77)



Pb Products, V9000(Yes), BATTERIES IN EMER. LIGHTS, 2014 Phase Construction (Location #: 77)



Mercury, V9000(Yes), LIGHT FIXTURE, Kindergarten (Location #: 52)





PCB, P0001(No), CAULKING, Grey caulking on exterior door, Exterior Wall For Renovation (Location #: 81)

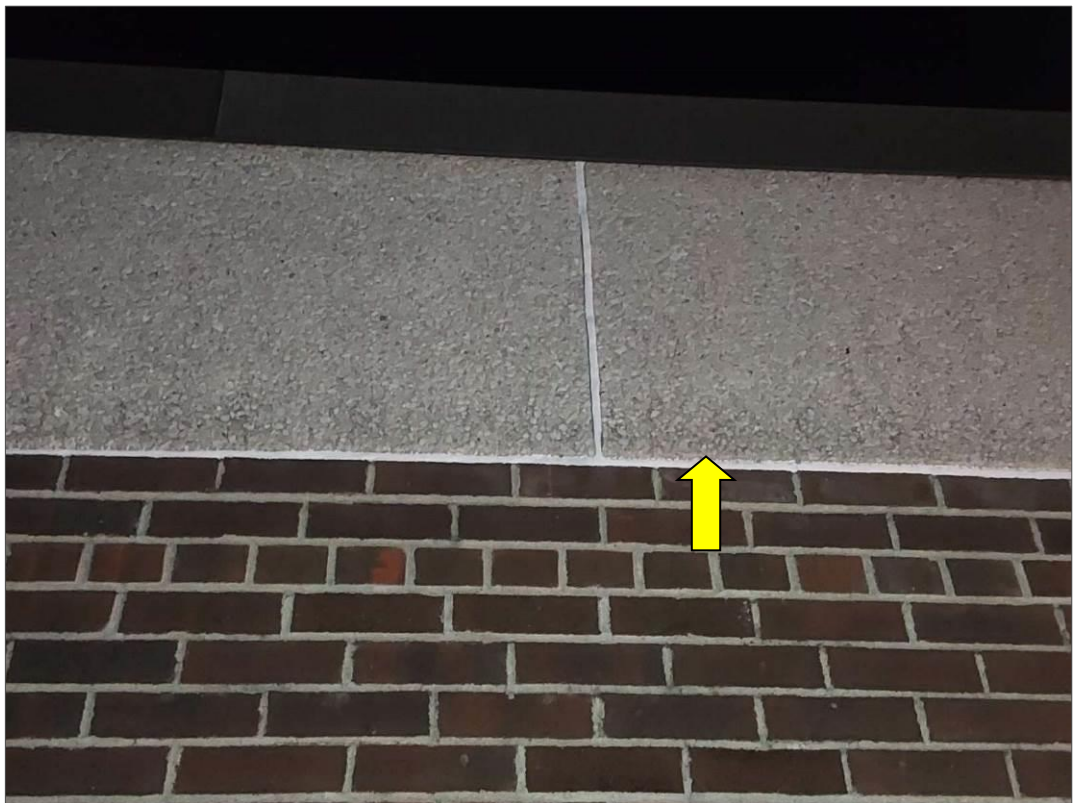


PCB, P0002(No), CAULKING, White caulking on interior side of door to exterior, Kindergarten (Location #: 52)





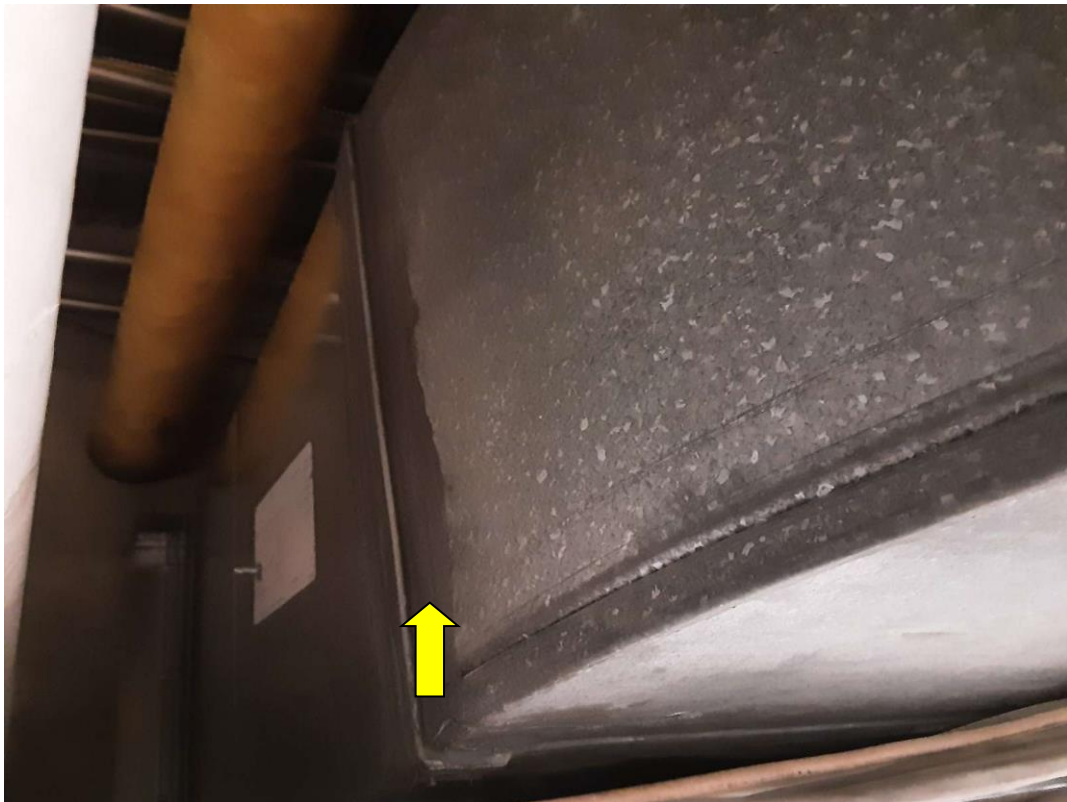
PCB, P0003(No), CAULKING, Dark grey caulking on exterior door, Exterior Wall For Renovation (Location #: 81)



PCB, P0004(No), CAULKING, White caulking on fascia, Exterior Wall For Renovation (Location #: 81)

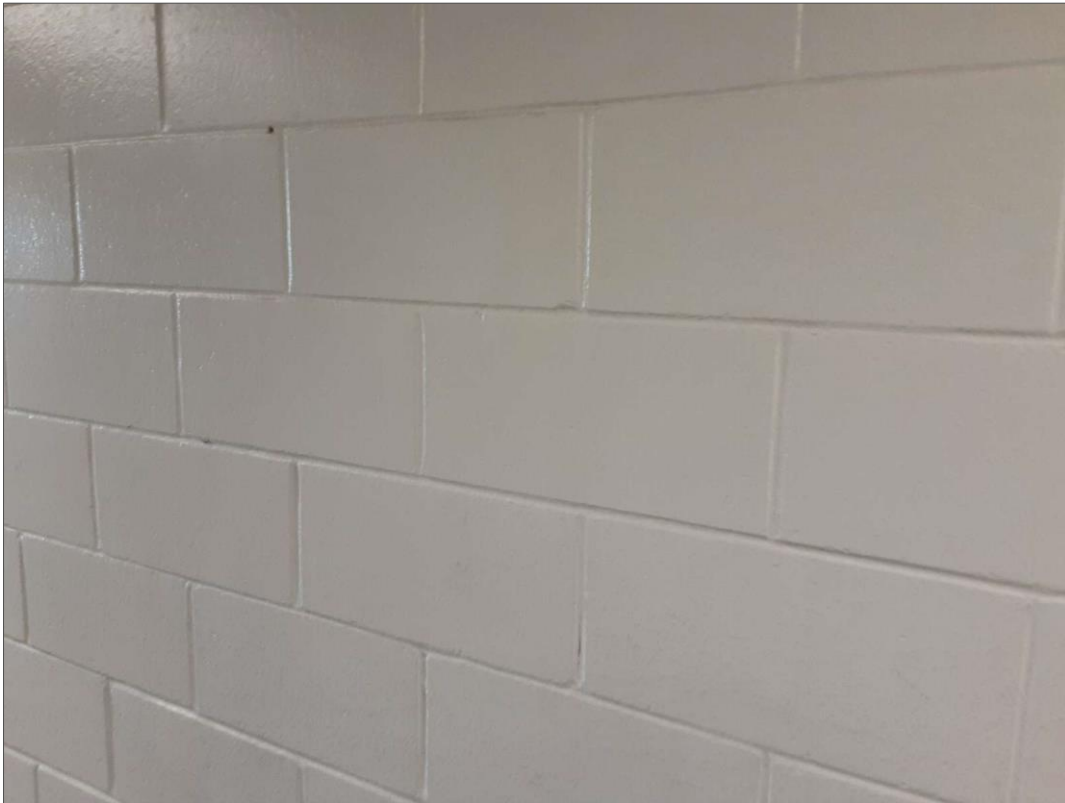


PCB, P0005(No), CAULKING, Light grey caulking along window cages, Exterior Wall For Renovation (Location #: 81)

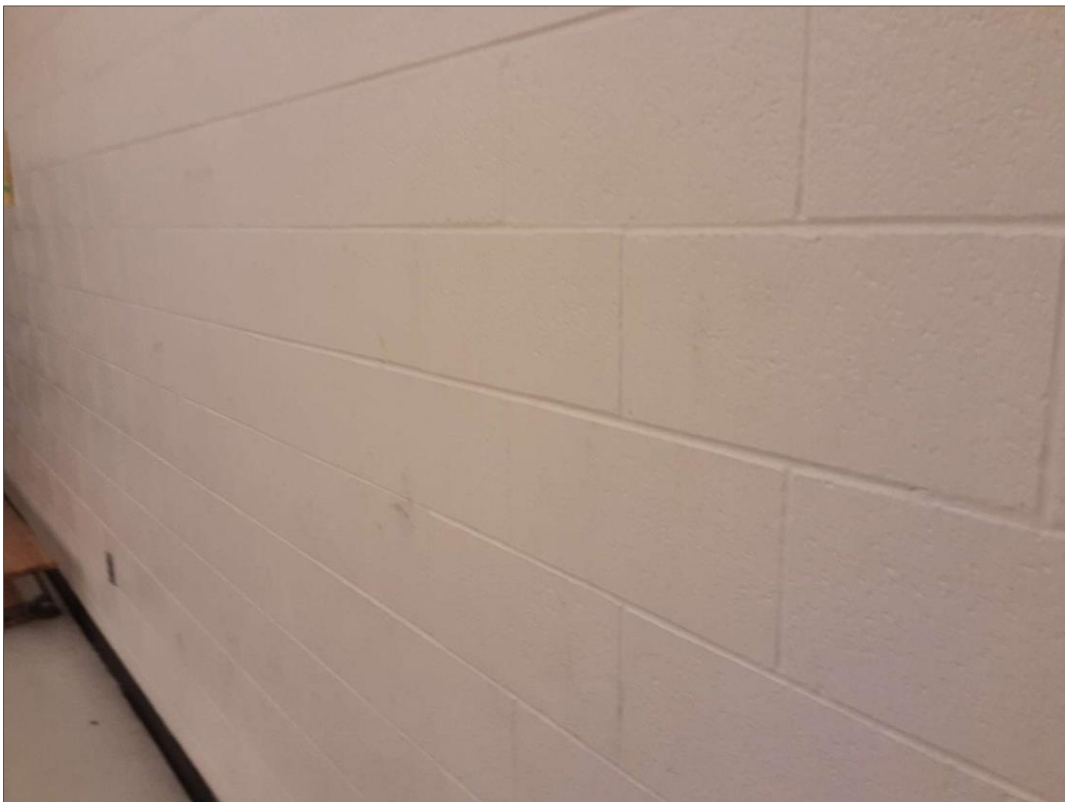


S0083C (None), Grey, Duct, Mastic, Grey, Corridor (Location #: 28)  
Duct mastic





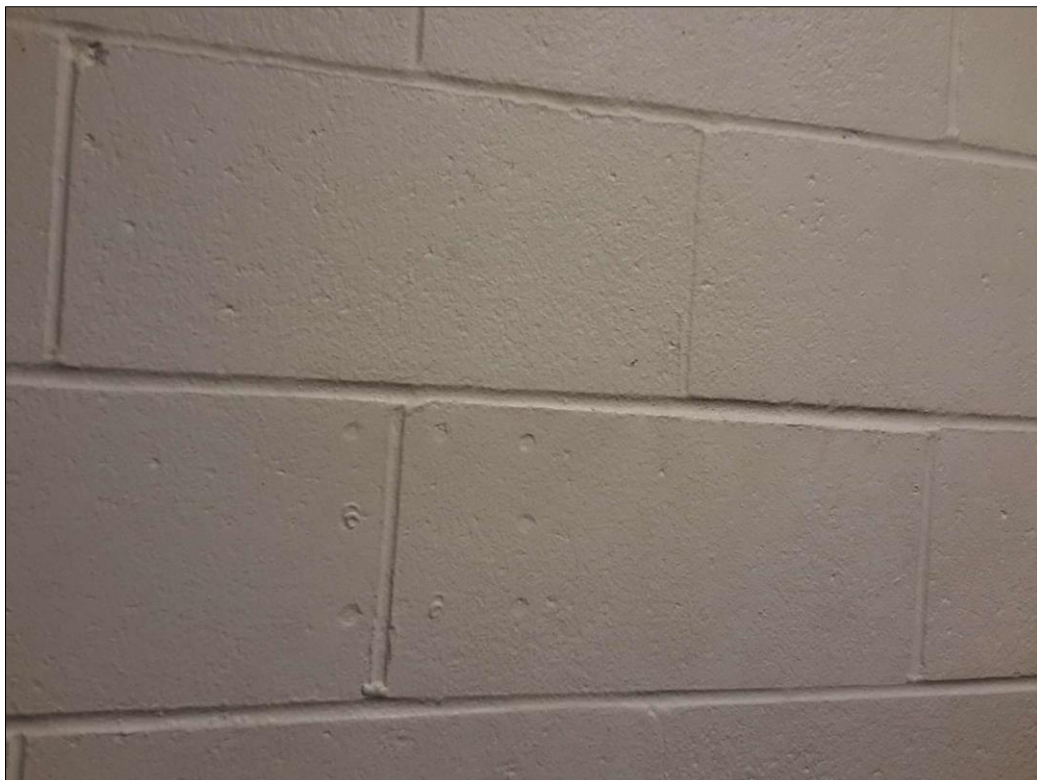
S0084A (None), Wall, Paint, Corridor (Location #: 28)



S0085C (None), Off white, Wall, Paint, Multi-Purpose Room (Location #: 12)  
On concrete block



S0086C (Confirmed Asbestos), Light green, Wall, Paint, Storage (Location #: 19)  
Above ceiling



S0087C (None), Wall, Paint, Storage (Location #: 19)

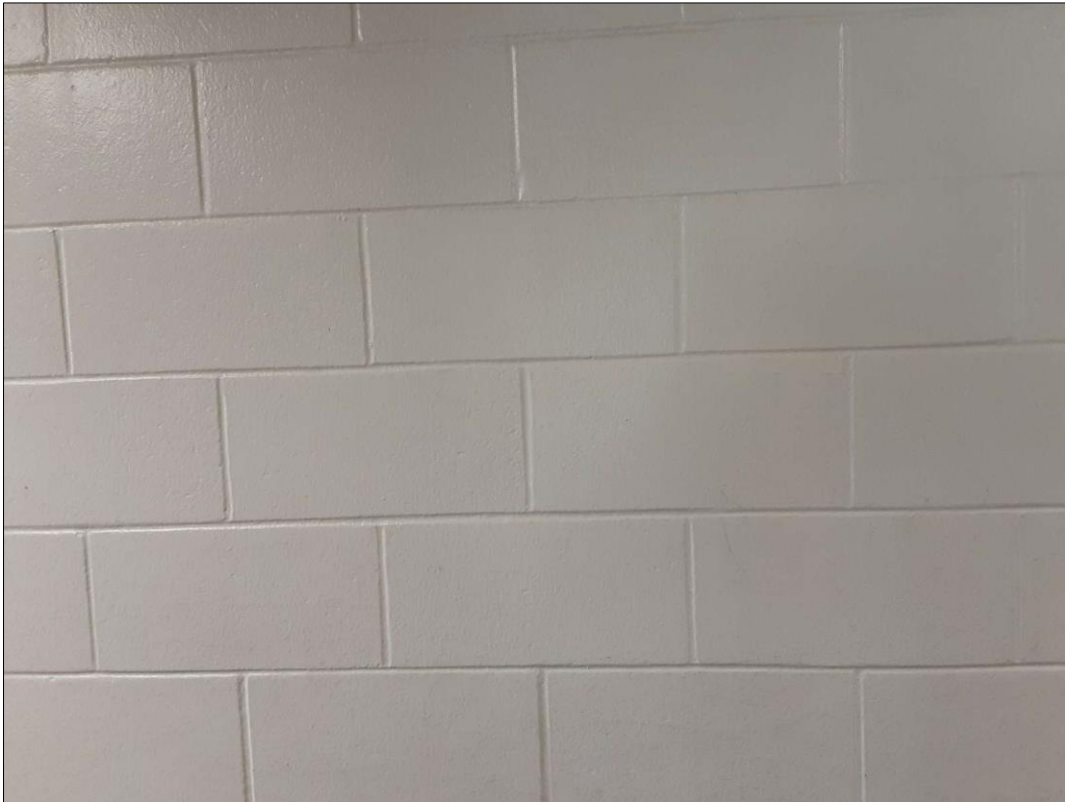


Ceiling, Metal, Multi-Purpose Room (Location #: 12)





V0001(Lead, High), Red, Structure, Corridor (Location #: 28)  
On steel beams and joists



V0005(Lead, High), Wall, Corridor (Location #: 32)



L0014(Lead, High), Light green, Wall, Storage (Location #: 19)  
Above ceiling



L0015(Lead, Low), White, Wall, Storage (Location #: 19)



Pb Products, V9000(Yes), BATTERIES IN EMER. LIGHTS, Corridor (Location #: 34)

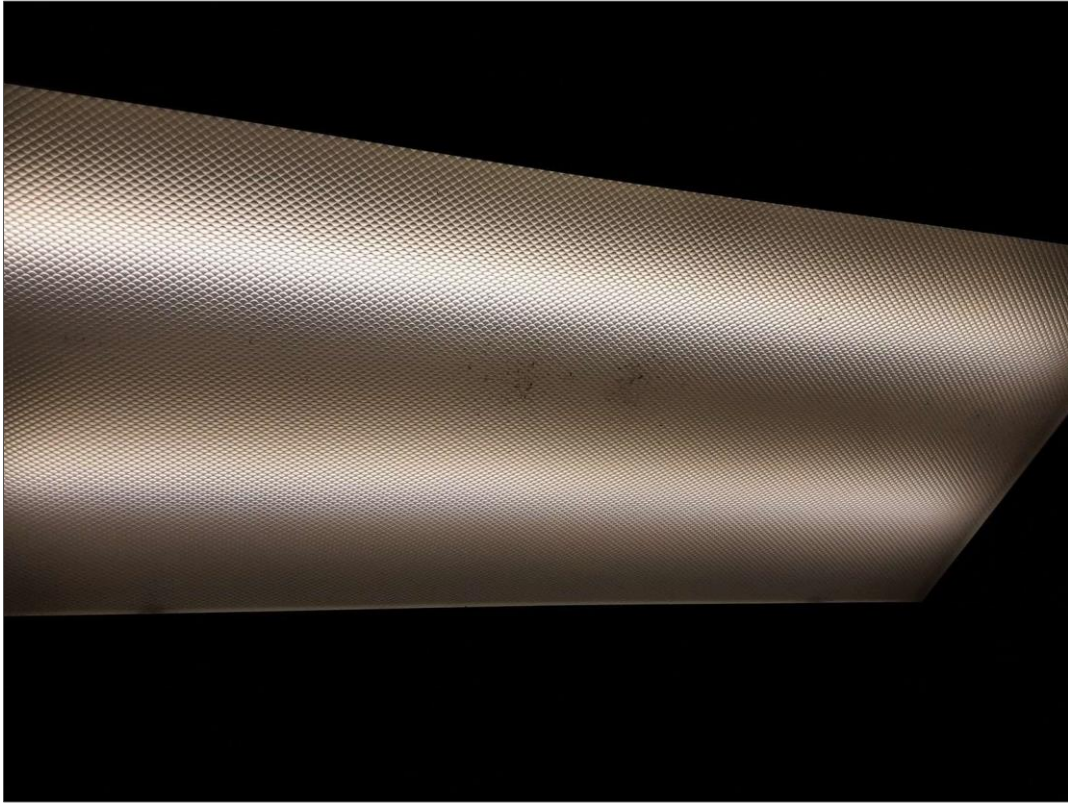




Pb Products, V9000(Yes), BATTERIES IN EMER. LIGHTS, Corridor (Location #: 47)



Mercury, V9000(Yes), LIGHT FIXTURE, Electrical Room (Location #: 8)



Mercury, V9000(Yes), LIGHT FIXTURE, Corridor (Location #: 28)



Mercury, V9000(Yes), LIGHT FIXTURE, Corridor (Location #: 47)