



### **Asbestos Assessment**

Chemong Public School 1029 Gore Street, Bridgenorth, Ontario

Prepared for:

### Kawartha Pine Ridge District School Board

1994 Fisher Drive, P.O. Box 7190 Peterborough, Ontario K9J 7A1

Attention: Sophia Wouters

Capital Projects Supervisor – Engineering

Services

June 4, 2018

Pinchin File: 217434





#### **Asbestos Assessment**

Chemong Public School, 1029 Gore Street, Bridgenorth, Ontario Kawartha Pine Ridge District School Board

Issued to: Kawartha Pine Ridge District School Board

**Contact:** Sophia Wouters

Capital Projects Supervisor – Engineering Services

June 4, 2018

Pinchin File: 217434

Issued on: June 4, 2018
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June 4, 2018

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#### **EXECUTIVE SUMMARY**

Kawartha Pine Ridge District School Board (Client) retained Pinchin Ltd. (Pinchin) to conduct an asbestos building materials assessment of Chemong Public School located at 1029 Gore Street, Bridgenorth, Ontario. The assessment was performed on April 9, 2018.

The objective of the assessment was to document the locations of asbestos building materials, evaluate their condition and develop corrective action plans as required for the purposes of long term management. The results of this assessment are not intended for construction, renovation, demolition or project tendering purposes.

The assessed area consisted of the entire building. The assessment was conducted after regular school hours.

#### **Summary of Findings**

Asbestos-containing materials (ACM) were confirmed to be present as follows:

- Parging cement pipe insulation, containing chrysotile asbestos, is present on pipe fittings (elbows, valves, tees, hangers etc.) on rain water leader, hot water heating and domestic water systems in the 1967 and 1972 phases of construction;
- Drywall compound, containing chrysotile asbestos, is present as a wall and ceiling finish
  in some rooms of the 1967 phase of construction;
- Vibration dampers, containing chrysotile asbestos, are present in the Upper Mechanical Room (Location 6);
- Asbestos cement (transite) pipes, presumed to contain asbestos, are present at a number of locations in the building;
- Asbestos cement (transite) sheets containing chrysotile, amosite and crocidolite asbestos, are present behind perimeter radiators at a number of locations in the building;
- Vinyl floor tile and mastic, containing chrysotile asbestos, is present at a number of locations in the building; and
- Beige baseboard adhesive, containing chrysotile asbestos, is present in Room 103.

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#### **Summary of Recommendations**

The following is a summary of significant recommendations; refer to the body of the report for detailed recommendations.

- 1. Perform a re-assessment of asbestos materials on an annual basis.
- Perform a pre-construction assessment and remove all ACM prior to alteration or maintenance work or if ACM may be disturbed by the work.
- 3. Follow appropriate safe work procedures when handling or disturbing asbestos.
- 4. Refer to Section 4.0 of this report for detailed recommendations regarding administrative and remedial actions.

This Executive Summary is subject to the same standard limitations as contained in the report and must be read in conjunction with the entire report.

#### **TABLE OF CONTENTS**

1.0	INTR	ODUCTION AND SCOPE	1
	1.1	Scope of Assessment	1
2.0	BAC	GROUND INFORMATION	1
	2.1 2.2	Building Description Existing Reports	1 2
3.0	FIND	INGS	2
	3.1	Asbestos	2
4.0		OMMENDATIONS	
	4.1 4.2	General On-going Management and Maintenance	12 12
5.0	LIMIT	ATIONS	13
6.0	REFE	RENCES	13

#### **APPENDICES**

APPENDIX I	Drawing
APPENDIX II	Asbestos Analytical Certificates
APPENDIX III	Methodology
APPENDIX IV	HMIS Asbestos Assessment Matrix
APPENDIX V	Location Summary Report
APPENDIX VI	All Data Report



June 4, 2018 Pinchin File: 217434

#### 1.0 INTRODUCTION AND SCOPE

Kawartha Pine Ridge District School Board (Client) retained Pinchin Ltd. (Pinchin) to conduct an asbestos building materials assessment of Chemong Public School, located at 1029 Gore Street, Bridgenorth, Ontario.

The assessment was performed by Adam Heizer, B.Sc., Project Technologist on April 9, 2018. The surveyor was not accompanied during the assessment. The assessment was performed after regular school hours.

The objective of the assessment was to document the locations of asbestos building materials, evaluate their condition and develop corrective action plans as required. This assessment is only to be used for the purposes of long term management and routine maintenance. The results of this assessment are not to be used for construction, renovation, demolition or project tendering purposes.

#### 1.1 Scope of Assessment

The assessment was performed to establish the location and type of asbestos building materials incorporated in the structure and its finishes. The assessed area consisted of all parts of the building.

#### 2.0 BACKGROUND INFORMATION

#### 2.1 Building Description

Item	Details
Building Use	Elementary School
Number of Floors/Levels	1 storey
Total Area of Building (Square Feet)	41,354
Year of Construction/Significant Additions	Constructed in 1967 with additions in 1972 and in 2002
Structure	Structural steel, concrete
Exterior Cladding	Brick
HVAC	Boiler and hot water heating to radiator
Roof	Flat built-up roofing
Flooring	Vinyl tile, terrazzo, carpet, wood, ceramic tile, concrete, steel
Interior Walls	Drywall, concrete block, ceramic tile, acoustic tile, texture coat, wood
Ceilings	Drywall, acoustic ceiling tiles

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#### 2.2 Existing Reports

Pinchin Ltd. performs annual assessments for the purpose of ongoing management the following existing reports were referenced where applicable:

- "Asbestos Assessment, Kawartha Pine Ridge District School Board, Chemong Public School, 1029 Gore Street, Bridgenorth, Ontario" dated March 24, 2011, Pinchin File 59723.
- "Asbestos Assessment, Kawartha Pine Ridge District School Board, Chemong Public School, 1029 Gore Street, Bridgenorth, Ontario" dated May 28, 2012, Pinchin File 72034.
- "Asbestos Assessment, Chemong Public School, 1029 Gore Street, Bridgenorth, Ontario", dated June 24, 2013, Pinchin File 79721.
- "Asbestos Assessment, Chemong Public School, 1029 Gore Street, Bridgenorth, Ontario", dated June 25, 2014, Pinchin File 88682.
- "Asbestos Abatement Project Summary Letter, Chemong Public School, 1209 Gore Street, Bridgenorth, Ontario" dated August 26, 2014, Pinchin File 91677.
- "Asbestos Assessment, Chemong Public School, 1029 Gore Street, Bridgenorth,
   Ontario", dated June 15, 2015, Pinchin File 98956.
- "Asbestos Assessment, Chemong Public School, 1029 Gore Street, Bridgenorth, Ontario", dated June 8, 2016, Pinchin File 110007.
- "Asbestos Abatement Project Summary Letter, Chemong Public School, 1029 Gore Street, Bridgenorth, Ontario" dated August 29, 2016, Pinchin file 112807.
- "Asbestos Assessment, Chemong Public School, 1029 Gore Street, Bridgenorth, Ontario", dated August 23, 2017, Pinchin File 120691.

#### 3.0 FINDINGS

#### 3.1 Asbestos

The following section summarizes the findings of the assessment and provides a general description of the asbestos materials identified and their locations. Appendix II presents the asbestos bulk sample analytical results. For details on quantities, assessment and locations of asbestos materials; refer to the All Data Report in Appendix VI.

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#### 3.1.1 Suspect Building Materials Not Found

The following types of building materials may historically contain asbestos but were not observed in the building and are not discussed in the report findings:

- Spray-applied fireproofing or thermal insulation;
- Vermiculite:
- Plaster: and
- Vinyl sheet flooring.

#### 3.1.2 Texture Finishes (Acoustic/Decorative)

Texture finish is present on steel columns in the building. Texture coat was sampled, and determined to be non-asbestos (b95237.0017A-C).



Photo 1 – Non-asbestos texture finish present on steel columns in Classroom 102 and 104.

#### 3.1.3 Thermal Systems Insulation (TSI)

#### 3.1.3.1 Pipe Insulation

Parging cement, containing chrysotile asbestos, is present on pipe fittings (elbows, valves, tees, etc.) on hot water heating, rain water leader, and domestic water systems (Sample 1101401.S006A-C). Parging cement is a friable material and is in fair to good condition.

Non-asbestos sweatwrap insulation, (brown layered paper) is present on straight sections of rain water leaders (Sample1101401.S012A-C).

Remaining pipes observed in the building are insulated with non-asbestos insulation (e.g. fibreglass,).

Pipes insulated with friable asbestos insulations may be present in inaccessible spaces such as above solid ceilings, in chases, in column enclosures and within shafts.

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Photo 2 – Asbestos-containing parging cement on hot water heating pipe systems with foil jacketing.



Photo 3 – Non-asbestos sweatwrap present on rain water leader pipe systems.

#### 3.1.3.2 Duct Insulation

Ducts are either uninsulated or insulated with non-asbestos fibreglass and jacketed with either canvas or foil.



Photo 4 – Ducts in the upper Mechanical Room (Location 5) insulated with non-asbestos fibreglass.

#### 3.1.3.3 Mechanical Equipment Insulation

Mechanical equipment is insulated with non-asbestos fibreglass or not insulated.

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Photo 5 – New gas powered boilers present in the Boiler Room BR1 (Location 3).

#### 3.1.4 Acoustic Ceiling Tiles

Thirteen distinct types of acoustic ceiling tile are present in the assessed area.

Size, Type, Pattern, Photo #	Locations	Sample Number or Date Code	Asbestos Type
AT-001, 24" x 48", lay-in, random fissure and medium pinhole, Photo 6	Boys Washroom B1 (Location 7)	1101401.004A-C	None
AT-002, 24" x 48", lay-in, ridges with bundled pinhole, Photo 7	Boys Washroom B1 (Location 7)	1101401.005A-C	None
AT-003, 24" x 48", lay-in, uniform pinhole, Photo 8	Boys Washroom B1 (Location 7)	1101401.007A-C	None
AT-004, 24" x 48", lay-in, thin fissure and pinhole, Photo 9	Boys Washroom B1 (Location 7)	Date code 2005	None
AT-005, 24" x 48", lay-in, large width-wise fissure and large pinhole, Photo 10	Boys Washroom B1 (Location 7)	1101401.008A-C	None
AT-006, 24" x 48", lay-in, ridges and bundled pinhole, Photo 11	Girl's Washroom G1 (Location 10)	Date code 2008	None
AT-007, 24" x 48", lay-in, fissure, dimples and pinhole, Photo 12	Classroom 104 (Location 13)	1101401.011A-C	None



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#### **Asbestos Assessment**

Chemong Public School, 1029 Gore Street, Bridgenorth, Ontario Kawartha Pine Ridge District School Board

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Size, Type, Pattern, Photo #	Locations	Sample Number or Date Code	Asbestos Type
AT-008, 24" x 48", lay-in, white, multi-directional ridges with large pinhole, Photo 13	Classroom 104 (Location 13)	Date code 1996	None
AT-009, 24" x 48", lay-in, yellow, multi-directional ridges with large pinhole	Classroom 104 (Location 13)	Date code 1996	None
AT-010, 24" x 48", lay-in, white depressed fissure with pinhole, Photo 14	Classroom 104 (Location 13)	Date code 1996	None
AT-011, 24" x 48", lay in, ridges and pinhole, Photo 15	Secretary Office 133 (Location 18)	Date code 1998	None
AT-012, 24" x 48", lay-in, rough ridges and pinhole, Photo 16	Corridor 500H (Location 41)	1101401.013A-C	None
AT-013, 24" x 48", lay-in, pinhole and swirl pattern, Photo 17	Custodian Room C2 (Location 45)	1101401.014A-C	None

All ceiling tiles presumed to be non-asbestos by the above table is due to the presence of a date code stamp indicating a date of manufacture of the tile in the 1990's or later.



Photo 6 – Non-asbestos 24" x 48", lay-in, random fissure and medium pinhole.



Photo 7 – Non-asbestos 24" x 48", width wise fissure and hole ceiling tile.

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Photo 8 – Non-asbestos 24" x 48", multi directional ridges with pinhole.



Photo 9 – Non-asbestos 24" x 48", lay-in, white depressed fissure with pinhole.



Photo 10 – Non-asbestos 24" x 48", lay-in, large width-wise fissure and large pinhole ceiling tile.



Photo 11 – Non-asbestos 24" x 48", ceiling tile fissure with tight pinhole bundle.



Photo 12 – Non-asbestos 24" x 48", lay-in, fissure, dimples and pinhole.



Photo 13 – Non-asbestos 24" x 48", lay-in, multi-directional ridges with large pinhole.

of 13

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Photo 14 – Non-asbestos 24" x 48", lay-in acoustic ceiling tile present in the Corridors.



Photo 15 – Non-asbestos 24" x 48", lay in, ridges and pinhole ceiling tile.



Photo 16 – Non-asbestos 24" x 48", lay-in, rough ridges and pinhole ceiling tile.



Photo 17 – Non-asbestos 24" x 48", lay-in, pinhole and swirl pattern ceiling tile.

#### 3.1.5 Drywall Joint Compound

Drywall joint compound was found to contain asbestos in at least one sample in the 1967 phase of construction (Sample 1101401.S001A, b106126.0019A-C). Assume all drywall joint compounds in the 1967 phase to be asbestos-containing unless further sampling proves otherwise. Drywall joint compound is non-friable while in place, but can generate friable dust upon removal and is in good condition.

Drywall (gypsum board) and drywall joint compound is present as a wall and ceiling finish throughout the 1972 and 2002 phase of construction. Three samples of drywall joint compound were collected from the 1972 phase of construction and found to be non-asbestos (Sample b87986.0016A-C). Asbestos in drywall joint compound was banned in Canada in 1980. Drywall joint compound in the 2002 phase was installed after 1985 (1980 plus a reasonable non-compliance period based on our experience) and is assumed to contain no asbestos.

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#### 3.1.6 Asbestos Cement Products (Transite)

Transite pipe is present as rain water leaders and is presumed to contain a type of asbestos other than chrysotile.

Transite panels, containing asbestos, are present on walls behind radiators at various locations within the building (Sample b127212.0020A).

Transite is a non-friable material. All transite is in good condition.



Photo 18 – Transite pipe present as a rain water leader above ceilings in the corridors.



Photo 19 – Transite rain water leader; Storage Room (Location 44).

#### 3.1.7 Vinyl Floor Tile and Mastic

Vinyl floor tiles are present as follows:

Size, Pattern, Colour and Photo Number	Locations	Sample Number	Asbestos Type (tile)	Asbestos Type (mastic)
9" x 9", brown with black and white streaks, Photo 20	Storage Room S2 (Location 4)	1101401.0 03A	Chrysotile	Chrysotile
12" x 12", brown with brown and white streaks, Photo 21	Classroom 104 (Location 13)	1101401.0 09A	Chrysotile	Chrysotile
12" x 12", brown with brown and white striations, Photo 22	Classroom 104 (Location 13)	1101401.0 10A	Chrysotile	None
12" x 12", red with white streaks, Photo 23	Custodial Room C2	1101401.0 15A	Chrysotile	None



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#### **Asbestos Assessment**

Chemong Public School, 1029 Gore Street, Bridgenorth, Ontario Kawartha Pine Ridge District School Board

June 4, 2018 Pinchin File: 217434

Size, Pattern, Colour and Photo Number	Locations	Sample Number	Asbestos Type (tile)	Asbestos Type (mastic)
12" x 12", white with grey, Photo 24	Corridor 112H (Location 26)	Visually assessed	None	Presumed
12" x 12", white with blue streaks, Photo 25	Classroom 203 (Location 54)	b95237- 018A-C	None	Chrysotile

The vinyl floor tiles and mastic are non-friable and are in good condition.

Vinyl floor tiles were presumed to be non-asbestos based on historical knowledge of the date of installation, post 2005.



Photo 20 – Asbestos-containing 9" x 9" brown with black and white streak floor tile.



Photo 21 – Asbestos-containing 12" x 12" beige with brown and white streak floor tile.



Photo 22 – Asbestos-containing brown with brown and white striations 12" x 12: vinyl floor tile.



Photo 23 – Asbestos-containing 12" x 12" red and white streak floor tile.

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Photo 24 – Non-asbestos 12" x12" white with grey replacement tiles.



Photo 25 – Non-asbestos 12" x 12" vinyl floor tile white with blue streak with asbestos-containing mastic beneath.

#### 3.1.8 Other Building Materials

Vibration dampers at duct connections present in the Upper Mechanical Room 2 (Location 6) were determined to contain chrysotile asbestos (Sample 1101401.S002A). Vibration dampers are non-friable materials which were in good condition.

Beige baseboard adhesive has been found to contain asbestos in Classroom 103 (Sample b127212.0021A).

White paint on block wall was found to contain asbestos (Sample b1315219.0022A).

Brown baseboard adhesive does not contain asbestos (Sample b1315219.0022A).

Yellow baseboard adhesive does not contain asbestos (Sample b1315219.0023A).

All adhesive and paint is in good condition.



Photo 26 – Asbestos-containing duct vibration damper Upper Mechanical Room 2.



Photo 27 – Asbestos-containing vibration damper present in Upper Mechanical Room 2.

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June 4, 2018

Pinchin File: 217434

#### 3.1.9 Presumed Asbestos Materials

A number of materials which might contain asbestos were not sampled during our assessment due to limitations in scope and methodology. Where present, these materials must be presumed to be an asbestos material and are best sampled during project planning and preparation of contract documents for their removal. Materials presumed to contain asbestos include:

- roofing, felts and tar;
- concrete floor levelling compound;
- adhesives and duct mastics;
- moulded plastic components (laboratory bench tops);
- caulking;
- paints and coatings;
- mechanical packing, ropes and gaskets;
- fire resistant doors or metal clad finishes;
- exterior cladding; and
- chalkboards.

#### 4.0 RECOMMENDATIONS

#### 4.1 General

Perform a detailed intrusive assessment prior to building renovation or demolition operations. The assessment should include; destructive testing (i.e. coring and/or removal of building finishes and components), and sampling of other hazardous materials (lead, mercury, PCBs, mould, etc.) and materials not tested in this study (i.e. roofing materials, caulking, mastics).

#### 4.2 On-going Management and Maintenance

The following recommendations are made regarding on-going management and maintenance work involving the asbestos materials identified.

- Remove all asbestos-containing materials (ACM) prior to alteration or maintenance work or if ACM may be disturbed by the work. Follow appropriate asbestos precautions for the classification of work being performed.
- Update the asbestos inventory report upon completion of any abatement and removal of asbestos-containing materials.



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#### 5.0 LIMITATIONS

The work performed by Pinchin Ltd. was conducted in accordance with generally accepted engineering or scientific practices current in this geographical area at the time the work was performed. No warranty is either expressed or implied by furnishing written reports or findings. The Client acknowledges that subsurface and concealed conditions may vary from those encountered or inspected. Pinchin Ltd. can only comment on the environmental conditions observed on the date(s) the survey is performed. The work is limited to those materials or areas of concern identified by the Client or outlined in our proposal. Other areas of concern may exist but were not investigated within the scope of this assignment.

Pinchin Ltd. makes no other representations whatsoever, including those concerning the legal significance of its findings or as to other legal matters touched on in this report, including, but not limited to, ownership of any property, or the application of any law to the facts set forth herein. With respect to regulatory compliance issue, regulatory statutes are subject to interpretation and these interpretations may change over time. Pinchin Ltd. accepts no responsibility for consequential financial effects on transactions or property values, or requirements for follow-up actions and costs.

The liability of Pinchin Ltd. or its staff will be limited to the lesser of the fees paid or actual damages incurred by the Client. Pinchin will not be responsible for any consequential or indirect damages. Pinchin Ltd. is only liable for damages resulting from the negligence of Pinchin Ltd.. All claims by the Client shall be deemed relinquished if not made within two years after last date of services provided.

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#### 6.0 REFERENCES

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

- Asbestos on Construction Projects and in Buildings and Repair Operations, Ontario Regulation 278/05.
- Designated Substances, Ontario Regulation 490/09.

\\pinchin.com\pet\Job\217000s\0217434.000 KPRDSB,KawarthaPineR2018,ASB,REASM\Deliverables\Chemong\Deliverables\217434 Asbestos Assessment Report Chemong PS KPRDSB June 4 2018.docx

Template: Master KPRDSB Asbestos Assessment Report, Haz, April 21, 2016



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APPENDIX I Drawing







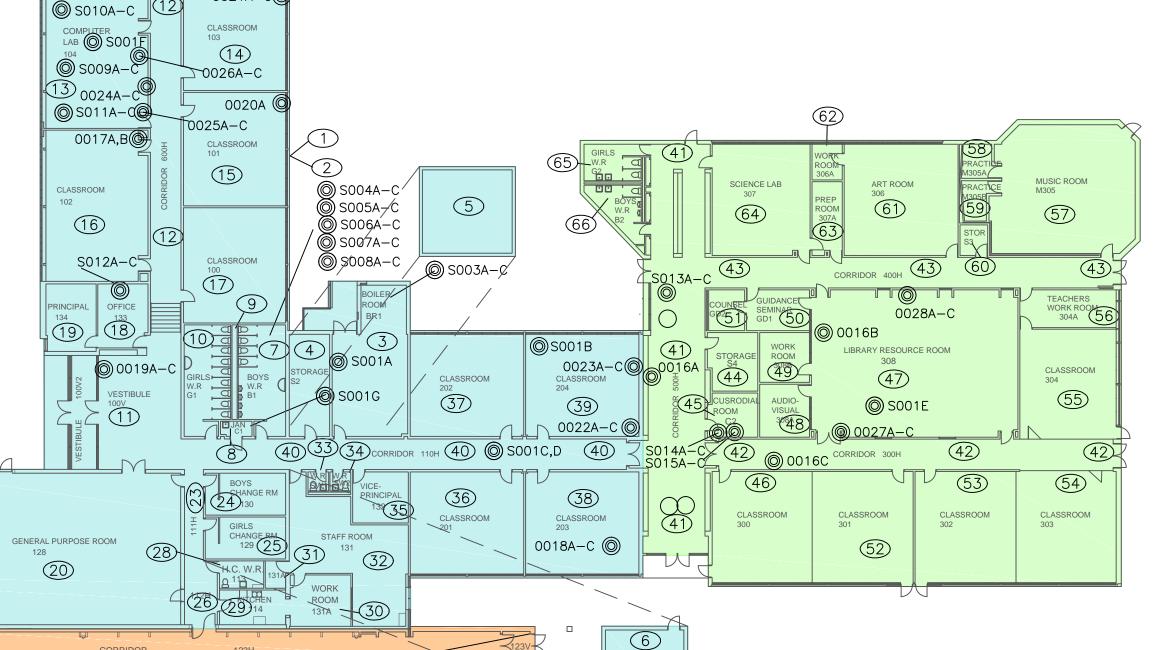
X PINCHIN LOCATION NUMBER

ASBESTOS BULK SAMPLE LOCATION

1967 PHASE OF CONSTRUCTION

1972 PHASE OF CONSTRUCTION

2002 PHASE OF CONSTRUCTION



MECHANICAL ROOM

SOO2A-C

0017C

CORRIDOR

123H

SSROOM

CLASSROOM

CLASSROOM

KINDERGARTEN

128B

STAGE

128A

(21)

KINDERGARTEN

0021A-C

CLIENT:

KAWARTHA PINE RIDGE DISTRICT SCHOOL BOARD

LOCATION:

CHEMONG PUBLIC SCHOOL 1029 GORE STREET BRIDGENORTH, ONTARIO

TITLE:

**ASBESTOS ASSESSMENT GROUND FLOOR** 

DATE:	PROJECT #:
2018/05/03	217434
DRAWN BY:	DRAWING:
SD	
CHECKED BY:	
RN	1 OF 1
SCALE:	
NTS	

APPENDIX II
Asbestos Analytical Certificates



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



**Customer:** Pinchin Environmental Ltd 380 Armour Rd Suite 101

**Project:** KPRDSB-Chemong PS

Peterborough, ON K9H7L7

Attn: Tiffany Smith

**Lab Order ID:** 1101401

Analysis ID: 1101401PLM

**Date Received:** 2/7/2011

**Date Reported:** 2/17/2011

Sample ID	Description	Asbestos	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Assestos	Components	Components	Treatment
S001A	Drywall - Boiler Room BR1 (Loc 3)	None Detected		100% Other	White Non Fibrous Heterogeneous
1101401PLM_1					Teased
S001B	Drywall - Classroom 204 (Loc 39)	3% Chrysotile		97% Other	Tan Non Fibrous Heterogeneous
1101401PLM_2					Teased
S001C	Drywall - Corridor 110H (Loc 34)	Not Analyzed			
1101401PLM_3					
S001D	Drywall - Corridor 110H (Loc 34)	Not Analyzed			
1101401PLM_4	1				
S001E	Drywall - Library 308 (Loc 47)	Not Analyzed			
1101401PLM_5					
S001F	Drywall - Classroom 104 (Loc 13)	Not Analyzed			
1101401PLM_6					
S001G	Drywall - Custodian Room C1 (Loc *)	Not Analyzed			
1101401PLM_7	†				
S002A	Textile Damper - Upper Mechanical Room (Loc 6)	80% Chrysotile	10% Cellulose	10% Other	White Fibrous Heterogeneous
1101401PLM_8	-				Teased

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommended 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 SAI. 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 0.1%.

Ired Gulley (64)

Nathaniel Durham, MS or Approved Signatory

Analyst



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



**Customer:** Pinchin Environmental Ltd 380 Armour Rd Suite 101

**Project:** KPRDSB-Chemong PS

Peterborough, ON K9H7L7

Attn: Tiffany Smith

Lab Order ID: 1101401

Analysis ID: 1101401PLM

**Date Received:** 2/7/2011

2/17/2011 **Date Reported:** 

Sample ID	Description	Asbestos	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asuesius	Components	Components	Treatment
S002B	Textile Damper - Upper Mechanical Room (Loc 6)	Not Analyzed			
1101401PLM_9					
S002C	Textile Damper - Upper Mechanical Room (Loc 6)	Not Analyzed			
1101401PLM_10					
S003A - A	Vinyl floor tile - 9 x 9 Brown with black and white streaks - Storage Room S2 (Loc 4)	5% Chrysotile		95% Other	Brown Non Fibrous Heterogeneous
1101401PLM_11	tile				Dissolved
S003A - B	Vinyl floor tile - 9 x 9 Brown with black and white streaks - Storage Room S2 (Loc 4)	8% Chrysotile		92% Other	Black Non Fibrous Heterogeneous
1101401PLM_50	- mastic				Dissolved
S003B - A	Vinyl floor tile - 9 x 9 Brown with black and white streaks - Storage Room S2 (Loc 4)	Not Analyzed			
1101401PLM_12	- tile				
S003B - B	Vinyl floor tile - 9 x 9 Brown with black and white streaks - Storage Room S2 (Loc 4)	Not Analyzed			
1101401PLM_51	- mastic				
S003C - A	Vinyl floor tile - 9 x 9 Brown with black and white streaks - Storage Room S2 (Loc 4)	Not Analyzed			
1101401PLM_13	- tile				
S003C - B	Vinyl floor tile - 9 x 9 Brown with black and white streaks - Storage Room S2 (Loc 4)  mastic	Not Analyzed			
1101401PLM_52					

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommended 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 SAI. 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 MPL is 0.1%.

Ired Gulley (64)

Nathaniel Durham, MS or Approved Signatory



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



**Customer:** Pinchin Environmental Ltd 380 Armour Rd Suite 101

**Project:** KPRDSB-Chemong PS

Peterborough, ON K9H 7L7

Attn: Tiffany Smith

**Lab Order ID:** 1101401

Analysis ID: 1101401PLM

**Date Received:** 2/7/2011

**Date Reported:** 2/17/2011

Sample ID	Description	Asbestos		Fibrous		n-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asucsius	C	omponents	Coi	mponents	Treatment
S004A	AT01 - 2 x 4 Radon fissure and medium pinhole - Boys Washroom B1 (Loc 7)	None Detected	40% 40%	Cellulose Fiber Glass	10% 10%	Perlite Other	White Fibrous Heterogeneous
1101401PLM_14							Teased
S004B	AT01 - 2 x 4 Radon fissure and medium pinhole - Boys Washroom B1 (Loc 7)	None Detected	40% 40%	Cellulose Fiber Glass	10% 10%	Perlite Other	White Fibrous Heterogeneous
1101401PLM_15							Teased
S004C	AT01 - 2 x 4 Radon fissure and medium pinhole - Boys Washroom B1 (Loc 7)	None Detected	40% 40%	Cellulose Fiber Glass	10% 10%	Perlite Other	White Fibrous Heterogeneous
1101401PLM_16	_						Teased
S005A	AT02 - 2 x 4 Ridges with grouped pinhole - Boys Washroom B1 (Loc 7)	None Detected	45% 45%	Cellulose Fiber Glass	10%	Other	White Fibrous Heterogeneous
1101401PLM_17	_						Teased
S005B	AT02 - 2 x 4 Ridges with grouped pinhole - Boys Washroom B1 (Loc 7)	None Detected	45% 45%	Cellulose Fiber Glass	10%	Other	White Fibrous Heterogeneous
1101401PLM_18							Teased
S005C	AT02 - 2 x 4 Ridges with grouped pinhole - Boys Washroom B1 (Loc 7)	None Detected	45% 45%	Cellulose Fiber Glass	10%	Other	White Fibrous Heterogeneous
1101401PLM_19							Teased
S006A	Parging cement - Boys Washroom B1 (Loc 7)	30% Chrysotile			70%	Other	Gray Fibrous Heterogeneous
1101401PLM_20							Teased
S006B	Parging cement - Boys Washroom B1 (Loc 7)	Not Analyzed				_	
1101401PLM_21							

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommended 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 SAI. 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 0.1%.

Ired Gulley (64)

Nathaniel Durham, MS or Approved Signatory

Analyst



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



**Customer:** Pinchin Environmental Ltd 380 Armour Rd Suite 101

**Project:** KPRDSB-Chemong PS

Peterborough, ON K9H7L7

td Attn: Tiffany Smith

**Lab Order ID:** 1101401

Analysis ID: 1101401PLM

**Date Received:** 2/7/2011

**Date Reported:** 2/17/2011

Sample ID	Description	Asbestos	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Aspestos	Components	Components	Treatment
S006C	Parging cement - Boys Washroom B1 (Loc 7)	Not Analyzed			
1101401PLM_22					
S007A	AT03 - 2 x 4 Uniform pinhole - Boys Washroom B1 (Loc 7)	None Detected	45% Cellulose 45% Fiber Glass	10% Other	White Fibrous Heterogeneous
1101401PLM_23					Teased
S007B	AT03 - 2 x 4 Uniform pinhole - Boys Washroom B1 (Loc 7)	None Detected	45% Cellulose 45% Fiber Glass	10% Other	White Fibrous Heterogeneous
1101401PLM_24					Teased
S007C	AT03 - 2 x 4 Uniform pinhole - Boys Washroom B1 (Loc 7)	None Detected	45% Cellulose 45% Fiber Glass	10% Other	White Fibrous Heterogeneous
1101401PLM_25	1				Teased
S008A	AT05 - 2 x 4 Large fissure with large pinhole - Boys Washroom B1 (Loc 7)	None Detected	40% Cellulose 40% Fiber Glass	10% Perlite 10% Other	White Fibrous Heterogeneous
1101401PLM_26	7				Teased
S008B	AT05 - 2 x 4 Large fissure with large pinhole - Boys Washroom B1 (Loc 7)	None Detected	40% Cellulose 40% Fiber Glass	10% Perlite 10% Other	White Fibrous Heterogeneous
1101401PLM_27					Teased
S008C	AT05 - 2 x 4 Large fissure with large pinhole - Boys Washroom B1 (Loc 7)	None Detected	40% Cellulose 40% Fiber Glass	10% Perlite 10% Other	White Fibrous Heterogeneous
1101401PLM_28	†				Teased
S009A - A	Vinyl floor tile - 12 x 12 Brown with brown and white streaks - Classroom 104 (Loc	3% Chrysotile		97% Other	Brown Non Fibrous Heterogeneous
1101401PLM_29	<b>—</b> tile				Dissolved

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Ired Gulley (64)

Nathaniel Durham, MS or Approved Signatory



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



**Customer:** Pinchin Environmental Ltd 380 Armour Rd Suite 101

**Project:** KPRDSB-Chemong PS

380 Armour Rd Suite 101 Peterborough, ON K9H 7L7 Attn: Tiffany Smith

**Lab Order ID:** 1101401

Analysis ID: 1101401PLM

**Date Received:** 2/7/2011

**Date Reported:** 2/17/2011

Sample ID	Description	Asbestos	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Assestes	Components	Components	Treatment
S009A - B	Vinyl floor tile - 12 x 12 Brown with brown and white streaks - Classroom 104 (Loc mastic	5% Chrysotile	5% Cellulose	90% Other	Yellow, Black Non Fibrous Heterogeneous
1101401PLM_53	masiic				Dissolved
S009B - A	Vinyl floor tile - 12 x 12 Brown with brown and white streaks - Classroom 104 (Loc tile	Not Analyzed			
1101401PLM_30	tite				
S009B - B	Vinyl floor tile - 12 x 12 Brown with brown and white streaks - Classroom 104 (Loc mastic	Not Analyzed			
1101401PLM_54	masiic				
S009C - A	Vinyl floor tile - 12 x 12 Brown with brown and white streaks - Classroom 104 (Loc	Not Analyzed			
1101401PLM_31	- tile				
S009C - B	Vinyl floor tile - 12 x 12 Brown with brown and white streaks - Classroom 104 (Loc mastic	Not Analyzed			
1101401PLM_55	mastic				
S010A - A	Vinyl floor tile - 12 x 12 Brown with brown and white striations - Classroom 104	5% Chrysotile		95% Other	Brown Non Fibrous Heterogeneous
1101401PLM_32	tile				Dissolved
S010A - B	Vinyl floor tile - 12 x 12 Brown with brown and white striations - Classroom 104	None Detected	3% Cellulose	97% Other	Yellow Non Fibrous Heterogeneous
1101401PLM_56	- mastic				Dissolved
S010B - A	Vinyl floor tile - 12 x 12 Brown with brown and white striations - Classroom 104	Not Analyzed			
1101401PLM_33	tile				

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Ired Gulley (64)

Nathaniel Durham, MS or Approved Signatory

Analyst



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



**Customer:** Pinchin Environmental Ltd 380 Armour Rd Suite 101

**Project:** KPRDSB-Chemong PS

380 Armour Rd Suite 101 Peterborough, ON K9H 7L7 Attn: Tiffany Smith

**Lab Order ID:** 1101401

Analysis ID: 1101401PLM

**Date Received:** 2/7/2011

**Date Reported:** 2/17/2011

Sample ID	Description	Asbestos		Fibrous		n-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asuestus	C	Components	Co	mponents	Treatment
S010B - B	Vinyl floor tile - 12 x 12 Brown with brown and white striations - Classroom 104  mastic	None Detected	3%	Cellulose	97%	Other	Yellow Non Fibrous Heterogeneous
1101401PLM_57	mastic						Dissolved
S010C - A	Vinyl floor tile - 12 x 12 Brown with brown and white striations - Classroom 104	Not Analyzed					
1101401PLM_34	<b>t</b> ile						
S010C - B	Vinyl floor tile - 12 x 12 Brown with brown and white striations - Classroom 104	None Detected	3%	Cellulose	97%	Other	Yellow Non Fibrous Heterogeneous
1101401PLM_58	— mastic						Dissolved
S011A	AT07 - 2 x 4 Fissure, dimples and pinhole - Classroom 104 (Loc 13)	None Detected	45% 45%	Cellulose Fiber Glass	10%	Other	White Fibrous Heterogeneous
1101401PLM_35							Teased
S011B	AT07 - 2 x 4 Fissure, dimples and pinhole - Classroom 104 (Loc 13)	None Detected	45% 45%	Cellulose Fiber Glass	10%	Other	White Fibrous Heterogeneous
1101401PLM_36	1						Teased
S011C	AT07 - 2 x 4 Fissure, dimples and pinhole - Classroom 104 (Loc 13)	None Detected	45% 45%	Cellulose Fiber Glass	10%	Other	White Fibrous Heterogeneous
1101401PLM_37							Teased
S012A - A	Sweatwrap - RWL - Office 133 (Loc 18)	None Detected	70% 10%	Cellulose Fiber Glass	20%	Other	Brown Fibrous Heterogeneous
1101401PLM_38	brown layer						Teased
S012A - B	Sweatwrap - RWL - Office 133 (Loc 18)	None Detected	60%	Cellulose	40%	Other	Black Fibrous Heterogeneous
1101401PLM_59	black layer						Dissolved, Teased

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Ired Gulley (64)

Nathaniel Durham, MS or Approved Signatory

Analyst



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



**Customer:** Pinchin Environmental Ltd 380 Armour Rd Suite 101

**Project:** KPRDSB-Chemong PS

Peterborough, ON K9H7L7

Attn: Tiffany Smith

Lab Order ID: 1101401

Analysis ID: 1101401PLM

**Date Received:** 2/7/2011

2/17/2011 **Date Reported:** 

Sample ID	Description	Asbestos		Fibrous		n-Fibrous	Attributes
Lab Sample ID	Lab Notes	Aspestos	C	omponents	Co	mponents	Treatment
S012B - A	Sweatwrap - RWL - Office 133 (Loc 18)	None Detected	70% 10%	Cellulose Fiber Glass	20%	Other	Brown Fibrous Heterogeneous
1101401PLM_39	brown layer						Teased
S012B - B	Sweatwrap - RWL - Office 133 (Loc 18)	None Detected	60%	Cellulose	40%	Other	Black Fibrous Heterogeneous
1101401PLM_60	black layer						Dissolved, Teased
S012C - A	Sweatwrap - RWL - Office 133 (Loc 18)	None Detected	70% 10%	Cellulose Fiber Glass	20%	Other	Brown Fibrous Heterogeneous
1101401PLM_40	brown layer						Teased
S012C - B	Sweatwrap - RWL - Office 133 (Loc 18)	None Detected	60%	Cellulose	40%	Other	Black Fibrous Heterogeneous
1101401PLM_61	black layer						Dissolved, Teased
S013A	AT11 - 2 x 4 Rough ridges with bundled pinhole - Corridor 500 H (Loc 41)	None Detected	40% 40%	Cellulose Fiber Glass	10% 10%	Perlite Other	White Fibrous Heterogeneous
1101401PLM_41							Teased
S013B	AT11 - 2 x 4 Rough ridges with bundled pinhole - Corridor 500 H (Loc 41)	None Detected	40% 40%	Cellulose Fiber Glass	10% 10%	Perlite Other	White Fibrous Heterogeneous
1101401PLM_42							Teased
S013C	AT11 - 2 x 4 Rough ridges with bundled pinhole - Corridor 500 H (Loc 41)	None Detected	40% 40%	Cellulose Fiber Glass	10% 10%	Perlite Other	White Fibrous Heterogeneous
1101401PLM_43							Teased
S014A	AT12 - 2 x 4 Pinhole swirl pattern - Custodian Room C2 (Loc 45)	None Detected	40% 40%	Cellulose Fiber Glass	10% 10%	Perlite Other	White Fibrous Heterogeneous
1101401PLM_44	1						Teased

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Ired Gulley (64)

Nathaniel Durham, MS or Approved Signatory



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



**Customer:** Pinchin Environmental Ltd 380 Armour Rd Suite 101

**Project:** KPRDSB-Chemong PS

Peterborough, ON K9H 7L7

Attn: Tiffany Smith

**Lab Order ID:** 1101401

Analysis ID: 1101401PLM

**Date Received:** 2/7/2011

**Date Reported:** 2/17/2011

Sample ID	Description	Asbestos	Fibrous	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes	Aspestos	Aspestos Components		Treatment
S014B	AT12 - 2 x 4 Pinhole swirl pattern - Custodian Room C2 (Loc 45)	None Detected	40% Cellulose 40% Fiber Glass	10% Perlite 10% Other	White Fibrous Heterogeneous
1101401PLM_45					Teased
S014C	AT12 - 2 x 4 Pinhole swirl pattern - Custodian Room C2 (Loc 45)	None Detected	40% Cellulose 40% Fiber Glass	10% Perlite 10% Other	White Fibrous Heterogeneous
1101401PLM_46					Teased
S015A - A	Vinyl floor tile - 12 x 12 Red with white streaks - Custodian Room C2 (Loc 45)	3% Chrysotile		97% Other	Red Non Fibrous Heterogeneous
1101401PLM_47	tile				Dissolved
S015A - B	Vinyl floor tile - 12 x 12 Red with white streaks - Custodian Room C2 (Loc 45)	None Detected	3% Cellulose	97% Other	Black Non Fibrous Heterogeneous
1101401PLM_62	- mastic				Dissolved
S015B - A	Vinyl floor tile - 12 x 12 Red with white streaks - Custodian Room C2 (Loc 45)	Not Analyzed			
1101401PLM_48	tile				
S015B - B	Vinyl floor tile - 12 x 12 Red with white streaks - Custodian Room C2 (Loc 45)	None Detected	3% Cellulose	97% Other	Black Non Fibrous Heterogeneous
1101401PLM_63	- mastic				Dissolved
S015C - A	Vinyl floor tile - 12 x 12 Red with white streaks - Custodian Room C2 (Loc 45)	Not Analyzed			
1101401PLM_49	tile				
S015C - B	Vinyl floor tile - 12 x 12 Red with white streaks - Custodian Room C2 (Loc 45)	None Detected	3% Cellulose	97% Other	Black Non Fibrous Heterogeneous
1101401PLM_64	- mastic				Dissolved

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Ired Gulley (64)

Nathaniel Durham, MS or Approved Signatory

Analyst

1101401

Pinchin Environmental Ltd. "Instructions" Scientific Analytical Contact Tiffany Smith Use Column 'B' teryour contact inte Address 380 Armour Rd., Suite 101 Institute, Inc. To See an Example Click the (7050 748-4627 Phone (705) 748-6927 belisin Example Teb. ex: 302-L Pemera Dr. tsmith@pinchin.com Email: Greensboro, NC 27407 Enter samples between "<<" and ">>" Phonet 336, 292, 3868 KPRDSB - Chemong PS Begin Samples with a "<< "above the first sample Project: Fax: 336,292,3313 and end with a ">>" below the last sample Email: lab@satlab.com Only Enter your data on the first sheet "Sheet" Client Notes: Stop on positive P.O.#. 59723 Note: Data 1 and Data 2 are optional Date Submitted: 2/3/2011 0:00 fields that do not show up on the official: report, however they will be included Andlysis: in the electronicately returned to you Asbestos analysis Turn Arcuric Fine: 144 Hours + to facilitate your reintegration of the report of

	Number / C. Data / Control of the co	STATION PERSONAL SECTION OF STATE OF ST	Englishmen (State of State of
<<			
S001A		Drywall - Boiler Room BR1 (Loc 3)	_
S001B		Drywall - Classroom 204 (Loc 39)	
S001C		Drywall - Corridor 110H (Loc 34)	A
S001D		Drywall - Corridor 110H (Loc 34)	Accepted )
S001E		Drywall - Library 308 (Loc 47)	Accepted [
S001F		Drywall - Classroom 104 (Loc 13)	Rejected
S001G		Drywall - Custodian Room C1 (Loc *)	
S002a		Textile Damper - Upper Mechanical Room (Loc 6)	
S002B		Textile Damper - Upper Mechanical Room (Loc 6)	
S002C		Textile Damper - Upper Mechanical Room (Loc 6)	
S003A		Vinyl floor tile - 9 x 9 Brown with black and white streaks - Sto	rage Room S2 (Loc 4)
S003B		Vinyl floor tile - 9 x 9 Brown with black and white streaks - Sto	rage Room S2 (Loc 4)
S003C		Vinyl floor tile - 9 x 9 Brown with black and white streaks - Sto	rage Room S2 (Loc 4)
S004A		AT01 - 2 x 4 Radon fissure and medium pinhole - Boys Wash	•
S004B		AT01 - 2 x 4 Radon fissure and medium pinhole - Boys Wash	
S004C		AT01 - 2 x 4 Radon fissure and medium pinhole - Boys Wash	
S005A		AT02 - 2 x 4 Ridges with grouped pinhole - Boys Washroom E	
S005B		AT02 - 2 x 4 Ridges with grouped pinhole - Boys Washroom E	31 (Loc 7)
		_	

ACB las 2-710A

S005C	AT02 - 2 x 4 Ridges with grouped pinhole - Boys Washroom B1 (Loc 7)
S006A	Parging cement - Boys Washroom B1 (Loc 7)
S006B	Parging cement - Boys Washroom B1 (Loc 7)
S006C	Parging cement - Boys Washroom B1 (Loc 7)
S007A	AT03 - 2 x 4 Uniform pinhole - Boys Washroom B1 (Loc 7)
S007B	AT03 - 2 x 4 Uniform pinhole - Boys Washroom B1 (Loc 7)
S007C	AT03 - 2 x 4 Uniform pinhole - Boys Washroom B1 (Loc 7)
S008A	AT05 - 2 x 4 Large fissure with large pinhole - Boys Washroom B1 (Loc 7)
S008B	AT05 - 2 x 4 Large fissure with large pinhole - Boys Washroom B1 (Loc 7)
S008C	AT05 - 2 x 4 Large fissure with large pinhole - Boys Washroom B1 (Loc 7)
S009A	Vinyl floor tile - 12 x 12 Brown with brown and white streaks - Classroom 104 (Loc 13)
S009B	Vinyl floor tile - 12 x 12 Brown with brown and white streaks - Classroom 104 (Loc 13)
S009C	Vinyl floor tile - 12 x 12 Brown with brown and white streaks - Classroom 104 (Loc 13)
S010A	Vinyl floor tile - 12 x 12 Brown with brown and white striations - Classroom 104 (Loc 13)
S010B	Vinyl floor tile - 12 x 12 Brown with brown and white striations - Classroom 104 (Loc 13)
S010C	Vinyl floor tile - 12 x 12 Brown with brown and white striations - Classroom 104 (Loc 13)
S011A	AT07 - 2 x 4 Fissure, dimples and pinhole - Classroom 104 (Loc 13)
S011B	AT07 - 2 x 4 Fissure, dimples and pinhole - Classroom 104 (Loc 13)
S011C	AT07 - 2 x 4 Fissure, dimples and pinhole - Classroom 104 (Loc 13)
S012A	Sweatwrap - RWL - Office 133 (Loc 18)
S012B	Sweatwrap - RWL - Office 133 (Loc 18)
S012C	Sweatwrap - RWL - Office 133 (Loc 18)
S013A	AT11 - 2 x 4 Rough ridges with bundled pinhole - Corridor 500 H (Loc 41)
S013B	AT11 - 2 x 4 Rough ridges with bundled pinhole - Corridor 500 H (Loc 41)
S013C	AT11 - 2 x 4 Rough ridges with bundled pinhole - Corridor 500 H (Loc 41)
S014A	AT12 - 2 x 4 Pinhole swirl pattern - Custodian Room C2 (Loc 45)
S014B	AT12 - 2 x 4 Pinhole swirl pattern - Custodian Room C2 (Loc 45)
S014C	AT12 - 2 x 4 Pinhole swirl pattern - Custodian Room C2 (Loc 45)
S015A	Vinyl floor tile - 12 x 12 Red with white streaks - Custodian Room C2 (Loc 45)
S015B	Vinyl floor tile - 12 x 12 Red with white streaks - Custodian Room C2 (Loc 45)
S015C	Vinyl floor tile - 12 x 12 Red with white streaks - Custodian Room C2 (Loc 45)
>>	





# Pinchin Environmental Asbestos Laboratory Certificate of Analysis

Project Name: Kawartha Pine Ridge District School Board, Chemong Public School, 10:

Project No.: 72034

Prepared For: Chris Moose, Mike Wilson

Date Received: March 20, 2012

Lab Reference No.: b87986 Date Analyzed: March 23, 2012

Analyst(s): K. Cockburn-Swance # 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. 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

Kawartha Pine Ridge District School Board, Chemong Public School, 1029 Gore Str **Project Name:** 

72034 **Project No.:** 

**Prepared For: Chris Moose, Mike Wilson** 

Lab Reference No.: b87986

Date Analyzed: March 23, 2012

#### **BULK SAMPLE ANALYSIS**

SAMPLE	SAMPLE	% COMPOSITION (VISUAL ESTIMATE)		
IDENTIFICATION	DESCRIPTION	ASBESTOS	OTHER	
0016A Drywall Joint Compound - Located in the Corridor, Location # 41	Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%	
0016B Drywall Joint Compound - Located in the Library, location # 47	Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%	
0016C Drywall Joint Compound - Located in the Corridor, Location # 42	Homogeneous, white, drywall joint compound.	None Detected	Non-Fibrous Material > 75%	





# Pinchin Environmental Asbestos Laboratory Certificate of Analysis

Project Name: Kawartha Pine Ridge District School Board, Chemong Public School

1029 Gore Street, Bridgenorth, Ontario

Project No.: 79721

Prepared For: Robert McQuillan / Mike Wilson

Date Received: January 8, 2013

Lab Reference No.: b95237 Date Analyzed: January 14, 2013

Analyst(s): K. Cockburn-Swance # Samples submitted: 6

# Phases analyzed: 7

#### **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.

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### Pinchin Environmental Asbestos Laboratory Certificate of Analysis

Project Name: Kawartha Pine Ridge District School Board, Chemong Public School

1029 Gore Street, Bridgenorth, Ontario

Project No.: 79721

Prepared For: Robert McQuillan / Mike Wilson

Lab Reference No.: b95237

Date Analyzed: January 14, 2013

#### **BULK SAMPLE ANALYSIS**

SAMPLE	SAMPLE	% COMPOSITION (VISUAL ESTIMATE)				
IDENTIFICATION	DESCRIPTION	ASBESTOS	OTHER			
0017A Texture Coat on Steel - Classroom 102 - Column on the west wall.	Homogeneous, light grey, finishing or texture coat.	None Detected	Perlite Other Non-Fibrous	10-25% > 75%		
0017B Texture Coat on Steel - Classroom 102 - Column on the west wall.	Homogeneous, light grey, finishing or texture coat.	None Detected	Perlite Other Non-Fibrous	10-25% > 75%		
0017C Texture Coat on Steel - Classroom 104 - Column on the west wall.	Homogeneous, light grey, finishing or texture coat.	None Detected	Perlite Other Non-Fibrous	10-25% > 75%		
0018A Vinyl Floor Tile and Mastic - 12"x12" - White with blue streaks - Classroom 203	2 Phases:  a) Homogeneous, white, consolidated, vinyl floor tile.	None Detected	Non-Fibrous Material	> 75%		
Gliodiko Gladorodini 200	b) Homogeneous, black, soft, sticky material on the back of vinyl floor tile.	Chrysotile 0.5-5%	Tar and other non- fibrous	> 75%		
0018B Vinyl Floor Tile and Mastic - 12"x12" - White with blue streaks - Classroom 203	2 Phases: a) Homogeneous, white, consolidated, vinyl floor tile.	None Detected	Non-Fibrous Material	> 75%		
5545	b) Homogeneous, black, soft, sticky material on the back of vinyl floor tile.		Not Analyzed			
Comments:	Phase b) was not analyzed	due to a previous positive result.				

ANALYST

Page 1 of 2





### Pinchin Environmental Asbestos Laboratory Certificate of Analysis

Project Name: Kawartha Pine Ridge District School Board, Chemong Public School

1029 Gore Street, Bridgenorth, Ontario

Project No.: 79721

Prepared For: Robert McQuillan / Mike Wilson

Lab Reference No.: b95237

Date Analyzed: January 14, 2013

#### **BULK SAMPLE ANALYSIS**

SAMPLE	SAMPLE	% COMPOSITION	(VISUAL ESTIMATE)
IDENTIFICATION	DESCRIPTION	ASBESTOS	OTHER
0018C Vinyl Floor Tile and Mastic 12"x12" - White with blue streaks - Classroom 203	2 Phases:  a) Homogeneous, white, consolidated, vinyl floor tile.  b) Homogeneous, black, soft, sticky material on the back of vinyl floor tile.	None Detected	Non-Fibrous Material > 75  Not Analyzed
Comments:	Phase b) was not analyzed	I due to a previous positive result.	

ANALYST





# Pinchin Environmental Asbestos Laboratory Certificate of Analysis

Project Name: Kawartha Pine Ridge District School Board, Chemong Public School,

1029 Gore Street, Bridgenorth

Project No.: 91677

Prepared For: Mike Wilson Date Received: February 13, 2014
Lab Reference No.: b106126 Date Analyzed: February 18, 2014

Analyst(s):

B. Hicks # Samples submitted: 3 # Phases analyzed: 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 all provincial regulatory requirements (NIOSH 9002, I.R.S.S.T. 244-3). 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	0.1% friable 1% non-friable
Alberta, NWT, Yukon,		Newfoundland and Labrador,	
Nunavut	1%	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 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.

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# Pinchin Environmental Asbestos Laboratory Certificate of Analysis

Project Name: Kawartha Pine Ridge District School Board, Chemong Public School,

1029 Gore Street, Bridgenorth

Project No.: 91677

Prepared For: Mike Wilson

Lab Reference No.: b106126

Date Analyzed: February 18, 2014

### **BULK SAMPLE ANALYSIS**

SAMPLE	SAMPLE	% COMPOSIT	ION (VI	SUAL ESTIMATE)	
IDENTIFICATION	DESCRIPTION	ASBESTOS		OTHER	
0019A Drywall Joint Compound - Bulkhead in Vestibule 100V	Homogeneous, beige, drywall joint compound.	Chrysotile 0.	.5-5% N	on-Fibrous Material	> 75%
Comments:	Cellulose is present on the surface of this sample.				
0019B Drywall Joint Compound - Bulkhead in Vestibule 100V			N	ot Analyzed	
Comments:	Analysis was stopped due to	o a previous positive result.	•		
0019C Drywall Joint Compound - Bulkhead in Vestibule 100V			N	ot Analyzed	
Comments:	Analysis was stopped due to	o a previous positive result.	•		

BHicks





Project Name: Kawartha Pine Ridge District School Board, Chemong Public School,

1029 Gore Street, Bridgenorth

Project No.: 112807

Prepared For: Mike Wilson Date Received: February 16, 2016
Lab Reference No.: b127212 Date Analyzed: February 23, 2016

Analyst(s): K. Cockburn # Samples submitted: 4 # Phases analyzed: 5

### **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,	1%	Newfoundland and Labrador,	1%
Nunavut	. 70	PEI and New Brunswick	1.70

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.

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Project Name: Kawartha Pine Ridge District School Board, Chemong Public School,

1029 Gore Street, Bridgenorth

Project No.: 112807

Prepared For: Mike Wilson

Lab Reference No.: b127212

Date Analyzed: February 23, 2016

### **BULK SAMPLE ANALYSIS**

SAMPLE	SAMPLE	% COMPOSITION (VISUAL ESTIMATE)				
IDENTIFICATION	DESCRIPTION	ASBESTOS		OTHER		
0020A	Homogeneous, layered,	Chrysotile	10-25%	Non-Fibrous Material	> 75%	
Cement Board Behind	compressed material with	Amosite	0.5-5%			
Radiator - Room 101	fibres.	Crocidolite				
0021A	Homogeneous, yellow,	Chrysotile	< 0.5%	Non-Fibrous Material	> 75%	
Baseboard Adhesive - Room 103	rubbery, adhesive material.					
Comments:	The asbestos present in this sample may be due to contamination. Cellulose is presen surface of this sample.					
0021B	2 Phases:					
Baseboard Adhesive -	a) Homogeneous, yellow,	None Detected		Non-Fibrous Material	> 75%	
Room 103	rubbery, adhesive material.					
	b) Homogeneous, beige,	Chrysotile	0.5-5%	Non-Fibrous Material	> 75%	
	soft, cementitious material.		0.0 0,0		. • , •	
Comments:	Cellulose is present on the	surface of this sample				
0021C	2 Phases:					
Baseboard Adhesive -	a) Homogeneous, yellow,	None Detected		Non-Fibrous Material	> 75%	
Room 103	rubbery, adhesive material.					
	b) Homogeneous, beige,			Not Analyzed		
	soft, cementitious material.			1100711101111200		
	oot, comonation material.					
Comments:	nments: Analysis of phase b) was stopped due to a previous positive result. Cellulose is present on the					
surface of this sample.						

**REVIEWED BY** 

Digitally signed by K. Bertuzzi kbertuzzi@pinchin.com Laboratory Manager Pinchin Ltd.

Page 2 of 2

Hoch

**ANALYST** 

Digitally signed by K. Bertuzzi kbertuzzi@pinchin.com Laboratory Manager Pinchin Ltd.





Project Name: Kawartha Pine Ridge District School Board, Chemong Public School,

1029 Gore Street, Bridgenorth

Project No.: 112807

Prepared For: C. Moose Date Received: July 11, 2016
Lab Reference No.: b131529 Date Analyzed: July 11, 2016

Analyst(s): S. Capsuyen # Samples submitted: 6

# Phases analyzed: 10

### **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,	1%	Newfoundland and Labrador,	1%
Nunavut	1 70	PEI and New Brunswick	1 70

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.

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Project Name: Kawartha Pine Ridge District School Board, Chemong Public School,

1029 Gore Street, Bridgenorth

Project No.: 112807
Prepared For: C. Moose

Lab Reference No.: b131529
Date Analyzed: July 11, 2016

## **BULK SAMPLE ANALYSIS**

SAMPLE	SAMPLE	% COMPOSITION (	VISUAL ESTIMATE)
IDENTIFICATION	DESCRIPTION	ASBESTOS	OTHER
0022A Brown Adhesive - Classroom 204	2 Phases: a) Homogeneous, brown, hard, glue material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, white, soft, cementitious material.	Chrysotile 0.5-5%	Non-Fibrous Material > 75%
0022B Brown Adhesive - Classroom 204	2 Phases: a) Homogeneous, brown, hard, glue material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, white, soft, cementitious material.		Not Analyzed
Comments:	Analysis of phase b) was sto	opped due to a previous positive res	sult.
0022C Brown Adhesive - Classroom 204	2 Phases: a) Homogeneous, brown, hard, glue material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, white, soft, cementitious material.		Not Analyzed
Comments:	Analysis of phase b) was sto	opped due to a previous positive res	sult.
0023A Yellow Adhesive - Classroom 204	2 Phases: a) Homogeneous, yellow, hard, glue material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, grey, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%
Comments:	Man-made vitreous fibres a	re present on the surface of this san	nple.





Project Name: Kawartha Pine Ridge District School Board, Chemong Public School,

1029 Gore Street, Bridgenorth

Project No.: 112807
Prepared For: C. Moose

Lab Reference No.: b131529
Date Analyzed: July 11, 2016

### **BULK SAMPLE ANALYSIS**

SAMPLE	SAMPLE	% COMPOSITION (	VISUAL ESTIMATE)
IDENTIFICATION	DESCRIPTION	ASBESTOS	OTHER
0023B Yellow Adhesive - Classroom 204	llow Adhesive - a) Homogeneous, yellow, None Detected		Non-Fibrous Material > 75%
	b) Homogeneous, grey, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%
Comments:	Phase b) is small in size.  Man-made vitreous fibres a	re present on the surface of this san	nple.
0023C Yellow Adhesive - Classroom 204	2 Phases: a) Homogeneous, yellow, hard, glue material.	None Detected	Non-Fibrous Material > 75%
	b) Homogeneous, grey, hard, cementitious material.	None Detected	Non-Fibrous Material > 75%
Comments:	Man-made vitreous fibres a	re present on the surface of this san	nple.

Reviewed by:

Reporting Analyst:

Digitally signed by Kendra Bertuzzi Date: 2016.07.11

15:23:30 -04'00'





Project Name: KPRDSB Chemong PS, 115, 1029 Gore Street, Bridgenorth

Project No.: 0215870.000

Prepared For: B. Guindon / C. Fennell

Lab Reference No.: b185494 Analyst(s): N. Barinque

Date Received: March 5, 2018 # Samples submitted: 15
Date Analyzed: March 8, 2018 # Phases analyzed: 15

### **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.

5	- · · · - · · · · · · · · · · · · · · ·	5	5
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,	1%	Newfoundland and Labrador,	1%
Nunavut	1 /0	PEI and New Brunswick	1 /0

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.

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Project Name: KPRDSB Chemong PS, 115, 1029 Gore Street, Bridgenorth

Project No.: 0215870.000

Prepared For: B. Guindon / C. Fennell

Lab Reference No.: b185494

Date Analyzed: March 8, 2018

### **BULK SAMPLE ANALYSIS**

SAMPLE	SAMPLE	% COMPOSITION (	VISUAL ESTIMATE)	
IDENTIFICATION	DESCRIPTION	ASBESTOS	OTHER	
0024A Vinyl trim adhesive on block walls, Computer	Homogeneous, brown, adhesive material.	None Detected	Non-Fibrous Material > 7	75%
0024B Vinyl trim adhesive on block walls, Computer	inyl trim adhesive on adhesive material.		Non-Fibrous Material > 7	75%
0024C Vinyl trim adhesive on block walls, Computer	Homogeneous, brown, adhesive material.	None Detected	Non-Fibrous Material > 7	75%
0025A Wall and door frame caulking, Computer Room 104	2 Phases: a) Homogeneous, beige, caulking material.	Chrysotile 0.5-5%		-5% 75%
	b) Homogeneous, off- white, soft, cementitious	None Detected	Non-Fibrous Material > 7	75%
0025B Wall and door frame caulking, Computer Room 104	2 Phases: a) Homogeneous, beige, caulking material.		Not Analyzed	
104	b) Homogeneous, off- white, soft, cementitious	None Detected	Non-Fibrous Material > 7	75%
Comments:	Analysis of phase a) was sto	opped due to a previous positive res	ult.	
0025C Wall and door frame caulking, Computer Room 104	2 Phases: a) Homogeneous, beige, caulking material.		Not Analyzed	
	b) Homogeneous, off- white, soft, cementitious	None Detected		75%
Comments:		opped due to a previous positive res		
0026A Double sink, beige under sink mastic, Room 104	Homogeneous, light beige, soft, cementitious material.	None Detected		50% 75%





Project Name: KPRDSB Chemong PS, 115, 1029 Gore Street, Bridgenorth

Project No.: 0215870.000

Prepared For: B. Guindon / C. Fennell

Lab Reference No.: b185494

Date Analyzed: March 8, 2018

### **BULK SAMPLE ANALYSIS**

SAMPLE	SAMPLE	% COMPOSITION (VISUAL ESTIMATE)			
IDENTIFICATION	DESCRIPTION	ASBESTOS	OTHER		
0026B Double sink, beige under sink mastic, Room 104	Homogeneous, light beige, soft, cementitious material.	None Detected	Cellulose Non-Fibrous Material	25-50% 50-75%	
0026C Double sink, beige under sink mastic, Room 104	Homogeneous, light beige, soft, cementitious material.	None Detected	Cellulose Non-Fibrous Material	25-50% 50-75%	
0027A Gray door frame caulking, Library 308	Homogeneous, grey, caulking material.	Chrysotile < 0.5	% Man-made Vitreous Fibres Non-Fibrous Material	0.5-5% > 75%	
0027B Gray door frame caulking, Library 308	Homogeneous, grey, caulking material.	Chrysotile 0.5-5	% Man-made Vitreous Fibres Non-Fibrous Material	0.5-5% > 75%	
0027C Gray door frame caulking, Library 308			Not Analyzed		
Comments:	Analysis was stopped due to	o a previous positive result.			
0028A Brown vinyl trim adhesive block walls, Library 308	Homogeneous, brown, adhesive material.	None Detected	Non-Fibrous Material	> 75%	
0028B Brown vinyl trim adhesive block walls, Library 308	Homogeneous, brown, adhesive material.	None Detected	Non-Fibrous Material	> 75%	
0028C Brown vinyl trim adhesive block walls, Library 308	Homogeneous, brown, adhesive material.	None Detected	Non-Fibrous Material	> 75%	

Reviewed by: Reporting Analyst:

Digitally signed by Julieth Oran Date:

2018.03.08 14:21:11 -05'00' Digitally signed by Julieth Oran Date: 2018.03.08 14:21:00 -05'00'





trendeque.

Report Sent by:

Special Instructions:



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

Client Name:	KPRDSB Chemong PS		Project Address:	1029 Gore Street, Bridgenort		enorth	
Portfolio/Building No:	115		Pinchin File:	215870			
Submitted by:	BG			Email:	bguindon@pinchin.com		
CC Results to:	Chris Fennell			CC Email:	cfennell@pinchin.com		
Invoice to:	CF			Invoice Email:	cfennell@pinchin.com		
Date Submitted:	March	5	2018	Required by:	March	8	2018
# of Samples:	15			Priority:	3 Day Turnaround		
Year of Building Construction (Mandatory Field):				1975			
Do NOT Stop on Positive (Sample Numbers):							
Pinchin Group Company (Mandatory Field):			Pinchin				

To be Completed by Lab Personnel Only:								
Lab Referen	Lab Reference #:		185494	Time:	24	hour clock		
Received by	•	M	AR 0 5 2018 JP	Date:	Month	Day Year		
Name(s) of A	Analyst(s):	M	AN U J ZUIU	NB 18.0	50° EC			
Sample Prefix	Sample No.	Sample Suffix	Sam	ple Description/Lo	cation (Man	datory)		
	0024	А	Vinyl trim adhesive	on block walls, Compu	iter Room 104	160		
	0024	В	Vinyl trim adhesive on block walls, Computer Room 104			ND		
	0024	<b>&amp;</b> O	Vinyl trim adhesive	on block walls, Compu	uter Room 104	ND ,		
	0025	А	Wall and door fram	e caulking, Computer	Room 104 $\frac{a}{6}$	)CHO-S-S.7. ) N(D		
	0025	В	Wall and door fram	e caulking, Computer	Room 104 $\frac{a}{b}$	)-na ) NO		
	0025	С	Wall and door fram	e caulking, Computer	Room 104	i)-na D ND		





b 185494

Sample Prefix	Sample No.	Sample Suffix	Sample Description/Location (Mandatory)
	0026	А	Double sink, beige under sink mastic, Room 104
	0026	В	Double sink, beige under sink mastic, Room 104
	0026	С	Double sink, beige under sink mastic, Room 104
	0027	А	Gray door frame caulking, Library 308 WS A CH LO-57
	0027	В	Gray door frame caulking, Library 308 CH 0.5-5./
	0027	С	Gray door frame caulking, Library 308
	0028	А	Brown vinyl tim adhesive block walls, Library 308
	0028	В	Brown vinyl tim adhesive block walls, Library 308
	0028	С	Brown vinyl tim adhesive block walls, Library 308





Project Name: KPRDSB Chemong PS, 115, 1029 Gore Street, Bridgenorth

Project No.: 0215870.000

Prepared For: B. Guindon / C. Fennell Date Received: April 5, 2018
Lab Reference No.: b187158 Date Analyzed: April 9, 2018

Analyst(s): T. Ly # Samples submitted: 3 # Phases analyzed: 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.

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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,	1%	Newfoundland and Labrador,	1%
Nunavut	1 70	PEI and New Brunswick	1 70

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.

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Project Name: KPRDSB Chemong PS, 115, 1029 Gore Street, Bridgenorth

Project No.: 0215870.000

Prepared For: B. Guindon / C. Fennell

Lab Reference No.: b187158
Date Analyzed: April 9, 2018

### **BULK SAMPLE ANALYSIS**

SAMPLE	SAMPLE	% COMPO	SITION (	VISUAL ESTIMATE)	
IDENTIFICATION	DESCRIPTION	ASBESTOS		OTHER	
0029A	Homogeneous, light beige,	Chrysotile	0.5-5%	Non-Fibrous Material	> 75%
Bulkhead DJC, Library, by	drywall joint compound.				
Main entrance above West					
door					
0029B				Not Analyzed	
Bulkhead DJC, Library, by					
Main entrance East door					
Comments:	Analysis was stopped due to	o a previous positive result			
0029C				Not Analyzed	
Bulkhead DJC, Library, by					
Main entrance above N/E					
corner					
Comments:	Analysis was stopped due to	o a previous positive result.			

Reviewed by:

Digitally signed by Eileen Luong Date:

2018.04.10 09:47:52 -04'00' Reporting Analyst:

Digitally signed by Eileen Luong Date:

2018.04.10 09:48:08 -04'00'





Analyzed by:	
	Ihlh
Reviewed by:	
	FL.
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Special Instructions:

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

Client Name:	KPRDSB Chemong PS		Project Address:	1029 Gore Street, Bridgenorth		genorth	
Portfolio/Building No:	115		Pinchin File:	215870			
Submitted by:	BG			Email:	bguindon@pinchin.com		n
CC Results to:	Chris Fennell		CC Email:	cfennell@pinchin.com			
Invoice to:	CF		Invoice Email:	cfennell@pinchin.com			
Date Submitted:	April	April 4 2018		Required by:	April	7	2018
# of Samples:	3			Priority:		y Turnarou	
Year of Building Construction (Mandatory Field):				1975		y rainarot	iii Q
Do NOT Stop on Positive (Sample Numbers):							
Pinchin Group Company (Mandatory Field):				Pinchin			

To be Comp	leted by Lab	Personnel O	nly:			
Lab Reference #: Received by: Name(s) of Analyst(s):		PI	87158	Time:	24	4 hour clock
		APR 0 5 2018 Date:		Month	Day Year	
		APR U J 71130 OF		and the second s	04	81 00
Sample Prefix	Sample No.	Sample Suffix	S	ample Descriptio		
	0029	А	Bulkhead DJC,	Library, by Main entr	rance above West d	oor CHO.s-s%
	0029	В	Bulkhead DJC,	Library, by Main entr	rance East door	AU
	0029	С	Bulkhead DJC,	Library, by Main entr	ance above N/E co	rner NA

APPENDIX III
Methodology

#### 1.0 GENERAL

Pinchin Ltd. conducts a room-by-room survey (rooms, corridors, service areas, exterior, etc.) to identify the hazardous building materials as defined by the scope.

Information regarding the approximate quantity, location, and condition of asbestos building materials encountered and visually estimated quantities are recorded. The locations of any samples collected are recorded on small-scale plans.

As-built drawings and previous reports are referenced where provided.

### 1.1 Limitations on Scope

The assessment excludes the following:

- Owner or occupant articles (e.g. stored items, furniture, appliances, etc.);
- Underground materials or equipment (e.g. vessels, drums, underground storage tanks, pipes, etc.);
- Building envelope, structural components, inaccessible or concealed materials or other items where sampling may cause consequential damage to the property;
- Energized systems (e.g. internal boiler components, elevators, mechanical or electrical components);
- Controlled products (e.g. stored chemicals, operational or process-related substances);
   and
- Materials not typically associated with construction (e.g. settled dust, spills, residual contamination from prior spills, etc.).

The assessment is limited to non-intrusive testing. Concealed spaces such as those above solid ceilings and within shafts and pipe chases are accessed via existing access panels only. Pinchin Ltd. does not conduct demolition of walls, solid ceilings, structural items, interior finishes or exterior building finishes, to determine the presence of concealed materials.

#### 1.2 Asbestos

Pinchin Ltd. conducts an inspection for the presence of 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.



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A separate set of samples is collected of each type of homogenous material suspected to contain asbestos by phase of construction of the building. A homogenous material is defined by the US EPA¹ 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 are determined by visual examination, available information on the phases of the construction and prior renovations.

Pinchin collects samples at a rate that is in compliance with Table 1 of O.Reg. 278/05.

The sampling strategy is 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 are visually identified without sample confirmation.

Drywall joint compound is sampled at exterior walls, columns or other locations that are unlikely to have been renovated in an attempt to determine the presence of asbestos in the original drywall compound. Delineation of asbestos-containing drywall compound from newer, non-asbestos drywall compound is not conducted.

Flooring mastic or adhesive is sampled and analyzed if present on the underside of flooring samples (vinyl floor tile and vinyl sheet flooring).

Pinchin Ltd. submits the bulk samples to a NVLAP<sup>2</sup> accredited laboratory for analysis. The analysis is performed in accordance with Test Method EPA/600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials, July 1993.

The asbestos analysis is completed using a stop positive approach. Only one result of greater than the regulated criteria (0.5%) is 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 stops analyzing samples from a homogeneous material once a result greater than the regulated criteria is detected in any of the samples of that material. All samples of a homogeneous material are analyzed if no asbestos is detected. In some cases, all samples are analyzed in the sample set regardless of result. Where building materials are described in the report as non-asbestos, or described as containing no asbestos, this is subject to the limitations of the analytical method used, and should be understood to mean no asbestos was detected.

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<sup>1</sup> Environmental Protection Agency

<sup>&</sup>lt;sup>2</sup> National Voluntary Laboratory Accreditation Program

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

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

### 2.0 HAZARDOUS MATERIALS INVENTORY SYSTEM (HMIS) DATA SHEETS

Pinchin Ltd. collected information on a separate Hazardous Materials Inventory System (HMIS) field data collection sheet at each Location. This information was entered into our HMIS database.

On the HMIS data sheets, building materials found within the area or room are listed as being part of each of the following Building Systems:

- Floor;
- Ceiling;
- Wall:
- Structure;
- Pipe;
- Duct;
- Mechanical; and
- Other.

Each system is then categorized into particular Components of the Building System (e.g. Domestic Hot Water (Pipe). Each Component is then sub-categorized to provide information under the following headings:

- Item that makes up the component e.g. pipe elbow or pipe fitting;
- Material that is present on the component or is present as the component;
- Accessibility of the component (ranks ranging from "accessible to all" to "inaccessible", A-D);
- Visible within the room or obscured by other finishes (Yes or No);



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- The Covering if present on the component (e.g. canvas jacket on pipe insulation);
- The Condition of the material (Good, Fair or Poor);
- Approximate Quantity of the material as appropriate (number of elbows, linear feet of pipe, square feet of material or percentage of material);
- The Units that apply to the quantity;
- The Sample Number that relates to the material;
- The Type of Asbestos in the Material;
- The Action required regarding the asbestos-containing material based on the action matrix provided in Appendix IV; and
- The *Friability* of the material (whether friable or non-friable).

The information presented in Appendix VI is the collection of data sheets from the HMIS All Data Report. Appendix VII presents a summary of short term recommended corrective actions if required.

#### 3.0 DRAWINGS

The surveyor completed an HMIS field data collection sheet for each inspected room or homogenous area. Each room or area was identified with a uniquely assigned Location Number which is necessary to identify each part of the building, as not all rooms or areas have room numbers or documented names. Drawings detailing the Location Number that corresponds with the data sheet for each area or room have been provided in Appendix I. This allows the data sheet to be easily found by first referencing the drawing for the Location Number, and eliminates the possibility of data being mistakenly attributed to incorrect areas.

Refer to the drawings in Appendix I for the area or room that corresponds with each Location Number.

Included on the location drawings in Appendix I are locations that samples were collected. Drawings are hatched to show the approximate phases of construction.



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APPENDIX IV
HMIS Asbestos Assessment Matrix

June 4, 2018 Pinchin File: 217434

chin File: 217434 Appendix IV

### 1.0 EVALUATION CRITERIA AND BASIS OF RECOMMENDATIONS

The detailed asbestos assessment provides information regarding the location, condition, accessibility and friability of the Asbestos-Containing Materials (ACM) used in the construction of the building. In order to make recommendations for compliance with current regulations, Pinchin Ltd. (Pinchin) developed the ACM evaluation criteria based on the conclusions of published studies, particularly the "Royal Commission on Matters of Health and Safety Arising from the Use of Asbestos in Ontario", and our experience involving buildings that contain ACM.

#### 2.0 EVALUATION OF CONDITION

### 2.1 Friable Spray Applied Fireproofing, Insulation and Texture Finishes (Surfacing Materials)

To evaluate the condition of ACM sprayed or trowelled fireproofing, sprayed or trowelled thermal insulation (non-mechanical), or texture, decorative or acoustic finishes, the following criteria are applied:

Good	Surface of material shows no significant signs of damage, deterioration or delamination. Good condition includes unencapsulated or unpainted fireproofing or texture finishes, where no delamination or damage is observed, or encapsulated fireproofing or texture finishes where the encapsulant or paint has been applied after the damage or fallout occurred.
Poor	A sprayed material that shows signs of significant damage or is significantly delaminating or deteriorating. This may be limited to surface delamination or some portion of the substrate may be exposed.

In observation areas where damage exists in isolated locations, both good and poor condition may be applicable. The extent or percentage of each condition will be recorded. Fair condition is not utilized in the evaluation of ACM sprayed or trowelled fireproofing, sprayed or trowelled thermal insulation (non-mechanical), or texture, decorative or acoustic finishes.

The evaluation of sprayed or trowelled fireproofing, sprayed or trowelled thermal insulation (non-mechanical insulation), or texture, decorative or acoustic finishes which are present above ceilings, may be limited by the number of observations made, and by building components such as ducts or full height walls that obstruct the above ceiling observations.

### 2.2 Friable Mechanical Insulation (Thermal System Insulation (TSI))

To evaluate the condition of ACM mechanical insulation (on vessels, boilers, breeching, ducts, pipes, fan units, equipment etc.) the following criteria are applied:

Good	Insulation is completely covered in jacketing and exhibits no evidence of damage or
	deterioration. No insulation is exposed. Includes conditions where the jacketing has minor damage (i.e. scuffs or stains), but the jacketing is not penetrated.

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Fair	Minor penetrating damage to jacketed insulation (cuts, tears, nicks, deterioration or delamination) or undamaged insulation that had never been jacketed. Insulation is exposed but not showing surface disintegration. The extent of missing insulation ranges from minor to none. Damage can be repaired.
Poor	Original insulation jacket is missing, damaged, deteriorated or delaminated. Insulation is exposed and significant areas have been dislodged. Damage cannot be readily repaired. Includes components where TSI may have been removed incompletely.

The evaluation of mechanical insulation may be limited by the number of observations made and building components such as ducts or full height walls that obstruct observations. It is often not possible to observe each foot of mechanical insulation from all angles.

### 2.3 Potentially Friable Materials (Miscellaneous Friable Materials)

Potentially friable ACM are products that are basically non-friable while in place, but have the potential to generate friable dust upon removal or if significantly disturbed without appropriate procedures. These products may become friable, but are not used as Spray Applied Fireproofing, Insulation or Texture Finishes or Mechanical Insulation. Potentially Friable Materials include materials such as acoustic ceiling tiles and plaster. The use of the description Fair with regard to a potentially friable ACM may reflect their physical condition and not their tendency to release fibres to the air under normal use. To evaluate the condition of Potentially Friable Materials, the following criteria are applied:

Good	No significant damage or deterioration. Condition is at or near to the condition when it was installed. Still serving its intended use as a building material or finish.
Fair	Showing signs of some cracking or breakage, but is not deteriorating (e.g. cracked plaster, broken but in place ceiling tile, etc.). The condition is such that it is still serving its intended use as a building material or finish but may require repair for mainly cosmetic purposes.
Poor	Significant deterioration or breaking apart of the material. Material has deteriorated to the point it is not serving its intended use as building material or finish. Material has deteriorated to a point it has become friable. Normally potentially friable ACM in Poor condition is not repairable and requires at least localized removal and replacement.

### 2.4 Non-Friable Materials

Non-friable ACM cover a wide range of products with a wide variation in their tendency to release dust or asbestos fibres to the air. Many of these materials, (particularly where the matrix is an un-weathered bitumen, asphalt or tar material) do not release fibres except in very unusual circumstances or during significant disturbance (e.g. use of power tools). Others with a cementitious matrix (asbestos-cement products) can more readily release dust due to abrasion, demolition, weathering, etc. The potential for

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June 4, 2018

Appendix IV

Pinchin File: 217434

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asbestos release from non-friable ACM is always lower than from friable ACM. Therefore the use of the descriptions Fair or Poor in regard to a non-friable ACM reflects only their physical condition and not their tendency to release fibres to the air under normal use or when disturbed. To evaluate the condition of Non- Friable Materials, the following criteria are applied:

Good	No significant damage or deterioration. Condition is at or near to the condition when it was installed. Still serving its intended use as a building material or finish.
Fair	Showing signs of some cracking or damage but has not deteriorated. Such change in condition may be repairable. The condition is such that it is still serving its intended use as a building material or finish and does not require repair or removal from an asbestos hazard perspective.
Poor	Significant deterioration or breaking apart of the material to the point at which it cannot be repaired and it will require at least local removal. Material has deteriorated to the point it is not serving its intended use as building material or finish. Material may have deteriorated to a point where traffic or disturbance may cause it to become friable. Non-friable ACM in poor condition may, but does not necessarily, indicate the material is friable, or pose a risk of fibre release if disturbed.

#### 2.5 Evaluation of ACM Debris

The identification of the exact location or presence of debris on the top of ceiling tiles is limited by the number of observations made and the presence of building components such as ducts or full height walls that obstruct observations.

The presence of fallen or dislodged ACM is noted separately from the ACM source and is referred to as Debris. Debris may be friable if from a friable ACM source or a badly deteriorated non-friable ACM source. Debris may also be non-friable (such as fallen pieces of transite sheet or mastic fittings, or broken, dislodged floor tiles).

Debris	Debris may be friable or non-friable, but is always identified as debris.

### 2.6 Evaluation of Presumed Asbestos-Containing Material (PACM)

Presumed Asbestos-Containing Materials (PACM), are building materials that may contain asbestos but were not sampled or analyzed due to inaccessibility or the need to perform destructive testing to obtain a reasonable sample set. Evaluation of these materials is based on the assumption that these PACM are asbestos-containing.

A list of PACM is provided in this Report and they are generally not included in the detailed room by room reports. Typically they are excluded because they are inaccessible or present in very small quantities. If



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PACM are evaluated, Pinchin used the criteria that correspond with the type (and friability) of the material listed above.

### 3.0 EVALUATION OF ACCESSIBILITY

The accessibility of building materials known or suspected of being ACM is rated according to the following criteria:

Access (A)	Common areas of the building within reach of all building users (approximately 8 '-9' from floor or standard ceiling height). Includes other areas where occupant activities may result in disturbance of material that is not normally within reach from floor level, but may be disturbed by common activities (e.g. gymnasiums, workshops, warehouses)
Access (B)	Areas of the building accessed primarily by Maintenance/Caretaking/Janitorial Staff and within reach without use of a ladder. Includes areas within reach in Boiler Rooms, Electrical Rooms, Janitors Closets, Elevator Rooms, Mechanical Rooms, etc. Includes materials within reach from fixed ladders or catwalks, mezzanines, and accessible pipe chases.
Access (C) and Visible	Areas of the building above 8'-9' where use of a ladder or scaffold is required to reach the ACM. Only includes ACM that are visible to view without the removal or opening of other building components such as ceiling tiles or service access panels. Visible column on HMIS sheets will say YES.
Access (C) and not Visible	Areas of the building above 8'-9' where use of a ladder or scaffold is required to reach the ACM. Includes ACM that are not visible to view and require the removal of a building component, such as ceilings tiles or access panels to view and access. Includes rarely entered crawl spaces, attic spaces, etc. Observations will be limited to the extent visible from the access points. Visible column on HMIS sheets will say NO.
Access (D)	Areas of the building behind inaccessible solid ceiling systems, walls or equipment etc. where demolition of the ceiling, wall or equipment etc. is required to reach the ACM. Material inaccessible due to height or location or is only reached under unusual situations. Evaluation of condition and extent of ACM is limited or impossible, depending on the surveyor's ability to visually examine materials in access D.

#### 4.0 ACTION MATRIX AND DEFINITIONS

Pinchin's evaluation of the viability of a specific asbestos control option is based on the consideration of the friability, condition, accessibility and visibility of a material. The logic used is that damaged ACM located in an area frequently accessed by all building occupants is of a higher priority than damaged ACM located in an infrequently accessed service area. The action matrix considers the potential for fibre release (primarily from friable ACM) and the possible concerns from regulatory bodies and many building occupants to all damaged ACM (including non-friable).

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In any building with asbestos, many current regulations require an Asbestos Management Program be implemented. Depending on the condition and the accessibility, more active measures such as repair or removal may be recommended. The following matrix provides guidance for recommended Actions in the absence of renovation or demolition. In the event of construction or maintenance activity which will disturb ACM more aggressive control or removal will be required.

### 4.1 Action Matrix

The following tables outline the **action** decisions based on the relationship of **access** and **condition**. Table I applies to friable ACM. Table II applies to non-friable ACM.

**Table I Decision Matrix for Friable ACM** 

Access		Condition		
	Good	Fair	Poor	Debris
(A)	Action 51	Action 5 <sup>2</sup>	Action 3	Action 1
(B)	Action 7	Action 6 <sup>3</sup>	Action 3	Action 1
(C) Visible	Action 7	Action 6	Action 3	Action 2
(C) Not Visible	Action 7	Action 7	Action 4	Action 2
(D)	Action 7	Action 7	Action 7	Action 7

**Table II Decision Matrix for Non-Friable ACM** 

Access		Condition									
	Good	Fair	Poor	Debris							
(A)	Action 7	Action 7 <sup>4</sup>	Action 3	Action 1							
(B)	Action 7	Action 7	Action 3	Action 1							
(C) Visible	Action 7	Action 7	Action 4	Action 2							
(C) Not Visible	Action 7	Action 7	Action 4	Action 2							
(D)	Action 7	Action 7	Action 7	Action 7							

<sup>&</sup>lt;sup>1</sup> If friable ACM in access (A)/Good condition is not proactively removed Action 7 (Manage) is recommended.

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<sup>&</sup>lt;sup>2</sup> If friable ACM in access (A)/Fair condition is not proactively removed repair is recommended.

<sup>&</sup>lt;sup>3</sup> If friable ACM in access (B)/Fair condition is likely to be disturbed after repair proactive removal is recommended.

<sup>&</sup>lt;sup>4</sup> Action 7 is recommended for all non-friable ACM in Fair condition however some clients may wish to repair or take some action primarily for cosmetic reasons

June 4, 2018 inchin File: 217434

Pinchin File: 217434 Appendix IV

### 4.2 Action Definitions

The following are the definitions in the Action Matrix Table presented above:

	ACTION DEFINITIONS
Action 1	Cleanup of ACM Debris
	Restrict access that is likely to cause a disturbance of the ACM Debris and clean up ACM Debris. Utilize appropriate asbestos precautions.
Action 2	Precautions for Access Which may Disturb ACM Debris
	Use appropriate means to isolate the debris or to limit entry to the area which may disturb the material. At locations where ACM Debris can remain in place in lieu of removal or clean-up (e.g. Debris on top of ceiling tiles or behind lockable door), Utilize appropriate asbestos precautions to enter the area if this will disturb debris. The precautions will be required until the ACM Debris has been cleaned up.
Action 3	ACM Removal
	Remove ACM. Utilize asbestos procedures appropriate to the scope of the removal work. Until it is removed, restrict access to the material so it is not disturbed.
Action 4	Precautions for Work Which may Disturb ACM in Poor Condition
	Utilize appropriate asbestos precautions if ACM may be disturbed by work on or near ACM. This does not require restricting access to the area, only control of work which may contact or disturb the ACM. Removal is the only viable option if work will disturb ACM.
Action 5	Proactive ACM Removal
	Remove friable ACM where the presence of friable asbestos in Good condition is not desirable. If friable ACM in Fair condition is not removed then Repair friable ACM
Action 6	ACM Repair
	Repair friable ACM in Fair condition which is not likely to be damaged again or disturbed by normal use of the area or room. Pinchin recommends proactive removal if friable ACM is likely to be damaged or disturbed during normal use of the area or room
Action 7	Asbestos Management Program with Routine Surveillance
	Implement an Asbestos Management Program, including routine surveillance of ACM. Reassess materials regularly (typically once per year).



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APPENDIX V
Location Summary Report



Kawartha Pine Ridge District Sch Board

Site:

59723

Building#	Building Name	Loc #	Floor	Room Prefix	Room Number	Room Suffix	Room Name	No Access	Square Feet	Survey Date	Surveyor
	Chemong Public School	1	1				Exterior			2018-04-11	Adam Heizer
	Chemong Public School	2	NA				Roof			2018-04-11	Adam Heizer
	Chemong Public School	3	1		BR1		Boiler Room		700	2018-04-11	Adam Heizer
	Chemong Public School	4	1		S2		Storage Room		400	2018-04-11	Adam Heizer
	Chemong Public School	5	2				Upper Mechanical Room 2		600	2018-04-11	Adam Heizer
	Chemong Public School	6	2		M1		Upper Mechanical Room 1		100	2018-04-11	Adam Heizer
	Chemong Public School	7	1		B1		Boys Washroom		400	2018-04-11	Adam Heizer
	Chemong Public School	8	1		C1		Custodian Room		80	2018-04-11	Adam Heizer
	Chemong Public School	9	1				Pipe Chase		100	2018-04-11	Adam Heizer
	Chemong Public School	10	1		G1		Girls Washroom		400	2018-04-11	Adam Heizer



Kawartha Pine Ridge District Sch Board

Site:

59723

Building Name	Loc#	Floor	Room Room Prefix Number	Room Suffix	Room Name	No Access	Square Feet	Survey Date	Surveyor
Chemong Public School	11	1	100V		Vestibule		600	2018-04-11	Adam Heizer
Chemong Public School	12	1	600H		Corridor		2200	2018-04-11	Adam Heizer
Chemong Public School	13	1	104		Computer Lab		900	2018-04-11	Adam Heizer
Chemong Public School	14	1	103		Classroom		900	2018-04-11	Adam Heizer
Chemong Public School	15	1	101		Classroom		900	2018-04-11	Adam Heizer
Chemong Public School	16	1	102		Classroom		1200	2018-04-11	Adam Heizer
Chemong Public School	17	1	100		Classroom		900	2018-04-11	Adam Heizer
Chemong Public School	18	1	133		Office		200	2018-04-11	Adam Heizer
Chemong Public School	19	1	134		Principal Office		300	2018-04-11	Adam Heizer
Chemong Public School	20	1	128		General Purpose Room		3150	2018-04-11	Adam Heizer



Kawartha Pine Ridge District Sch Board

Site:

59723

Building Name	Loc #	Floor	Room Room Prefix Number	Room Suffix	Room Name	No Access	Square Feet	Survey Date	Surveyor
Chemong Public School	21	1	128A		Stage		800	2018-04-11	Adam Heizer
Chemong Public School	22	1	128B		Storage		150	2018-04-11	Adam Heizer
Chemong Public School	23	1	111H		Corridor		300	2018-04-11	Adam Heizer
Chemong Public School	24	1	130		Boys Change Room		350	2018-04-11	Adam Heizer
Chemong Public School	25	1	129		Girls Change Room		350	2018-04-11	Adam Heizer
Chemong Public School	26	1	112H		Corridor		200	2018-04-11	Adam Heizer
Chemong Public School	27	1			2002 Phase of Construction		2500	2018-04-11	Adam Heizer
Chemong Public School	28	1	113		Washroom		150	2018-04-11	Adam Heizer
Chemong Public School	29	1	114		Kitchen		300	2018-04-11	Adam Heizer
Chemong Public School	30	1	131A		Work Room		300	2018-04-11	Adam Heizer
	Chemong Public School  Chemong Public School	Chemong Public School 21  Chemong Public School 22  Chemong Public School 23  Chemong Public School 24  Chemong Public School 25  Chemong Public School 26  Chemong Public School 27  Chemong Public School 27  Chemong Public School 28  Chemong Public School 29	Chemong Public School 21 1  Chemong Public School 22 1  Chemong Public School 23 1  Chemong Public School 24 1  Chemong Public School 25 1  Chemong Public School 26 1  Chemong Public School 27 1  Chemong Public School 27 1  Chemong Public School 28 1  Chemong Public School 29 1	Chemong Public School 21 1 128A  Chemong Public School 22 1 128B  Chemong Public School 23 1 111H  Chemong Public School 24 1 130  Chemong Public School 25 1 129  Chemong Public School 26 1 112H  Chemong Public School 27 1  Chemong Public School 28 1 113  Chemong Public School 29 1 114	Chemong Public School         21         1         128A           Chemong Public School         22         1         128B           Chemong Public School         23         1         111H           Chemong Public School         24         1         130           Chemong Public School         25         1         129           Chemong Public School         26         1         112H           Chemong Public School         27         1           Chemong Public School         28         1         113           Chemong Public School         29         1         114	Chemong Public School 21 1 128A Stage  Chemong Public School 22 1 128B Storage  Chemong Public School 23 1 111H Corridor  Chemong Public School 24 1 130 Boys Change Room  Chemong Public School 25 1 129 Girls Change Room  Chemong Public School 26 1 112H Corridor  Chemong Public School 27 1 2002 Phase of Construction  Chemong Public School 28 1 113 Washroom  Chemong Public School 29 1 114 Kitchen	Chemong Public School 21 1 128A Stage  Chemong Public School 22 1 128B Storage  Chemong Public School 23 1 111H Corridor  Chemong Public School 24 1 130 Boys Change Room  Chemong Public School 25 1 129 Girls Change Room  Chemong Public School 26 1 112H Corridor  Chemong Public School 27 1 2002 Phase of Construction  Chemong Public School 28 1 113 Washroom  Chemong Public School 29 1 114 Kitchen	Chemong Public School         21         1         128A         Stage         800           Chemong Public School         22         1         128B         Storage         150           Chemong Public School         23         1         111H         Corridor         300           Chemong Public School         24         1         130         Boys Change Room         350           Chemong Public School         25         1         129         Girls Change Room         350           Chemong Public School         26         1         112H         Corridor         200           Chemong Public School         27         1         2002 Phase of Construction         2500           Chemong Public School         28         1         113         Washroom         150           Chemong Public School         29         1         114         Kitchen         300	Chemong Public School         21         1         128A         Stage         800         2018-04-11           Chemong Public School         22         1         128B         Storage         150         2018-04-11           Chemong Public School         23         1         111H         Corridor         300         2018-04-11           Chemong Public School         24         1         130         Boys Change Room         350         2018-04-11           Chemong Public School         25         1         129         Girls Change Room         350         2018-04-11           Chemong Public School         26         1         112H         Corridor         200         2018-04-11           Chemong Public School         27         1         2002 Phase of Construction         2500         2018-04-11           Chemong Public School         28         1         113         Washroom         150         2018-04-11           Chemong Public School         29         1         114         Kitchen         300         2018-04-11



Kawartha Pine Ridge District Sch Board

Site:

59723

Building#	Building Name	Loc #	Floor	Room Room Prefix Number	Room Suffix	Room Name	No Access	Square Feet	Survey Date	Surveyor
	Chemong Public School	31	1	131A		Storage		100	2018-04-11	Adam Heizer
	Chemong Public School	32	1	131		Staff Room		700	2018-04-11	Adam Heizer
	Chemong Public School	33	1	SW1		Washroom		60	2018-04-11	Adam Heizer
	Chemong Public School	34	1	SW2		Staff Washroom		60	2018-04-11	Adam Heizer
	Chemong Public School	35	1	132		Vice Principal Office		200	2018-04-11	Adam Heizer
	Chemong Public School	36	1	201		Classroom		900	2018-04-11	Adam Heizer
	Chemong Public School	37	1	202		Classroom		900	2018-04-11	Adam Heizer
	Chemong Public School	38	1	203		Classroom		900	2018-04-11	Adam Heizer
	Chemong Public School	39	1	204		Classroom		900	2018-04-11	Adam Heizer
	Chemong Public School	40	1	110H		Corridor		3000	2018-04-11	Adam Heizer



Kawartha Pine Ridge District Sch Board

Site:

59723

Building Name	Loc #	Floor	Room Room Prefix Number	Room Suffix	Room Name	No Access	Square Feet	Survey Date	Surveyor
Chemong Public School	41	1	500H		Corridor		1500	2018-04-11	Adam Heizer
Chemong Public School	42	1	300H		Corridor		1500	2018-04-11	Adam Heizer
Chemong Public School	43	1	400H		Corridor		1500	2018-04-11	Adam Heizer
Chemong Public School	44	1	S4		Storage		250	2018-04-11	Adam Heizer
Chemong Public School	45	1	C2		Custodian Room		250	2018-04-11	Adam Heizer
Chemong Public School	46	1	300		Classroom		600	2018-04-11	Adam Heizer
Chemong Public School	47	1	308		Library Resource Room		1500	2018-04-11	Adam Heizer
Chemong Public School	48	1	308A		Audio - Visual		200	2018-04-11	Adam Heizer
Chemong Public School	49	1	308B		Work Room		200	2018-04-11	Adam Heizer
Chemong Public School	50	1	GD1		Guidance Seminar		275	2018-04-11	Adam Heizer
	Chemong Public School  Chemong Public School	Chemong Public School 41  Chemong Public School 42  Chemong Public School 43  Chemong Public School 44  Chemong Public School 45  Chemong Public School 46  Chemong Public School 47  Chemong Public School 48  Chemong Public School 48	Chemong Public School 41 1  Chemong Public School 42 1  Chemong Public School 43 1  Chemong Public School 44 1  Chemong Public School 45 1  Chemong Public School 46 1  Chemong Public School 47 1  Chemong Public School 48 1  Chemong Public School 49 1	Chemong Public School 41 1 500H  Chemong Public School 42 1 300H  Chemong Public School 43 1 400H  Chemong Public School 44 1 S4  Chemong Public School 45 1 C2  Chemong Public School 46 1 300  Chemong Public School 47 1 308  Chemong Public School 48 1 308A  Chemong Public School 49 1 308B	Chemong Public School 41 1 500H  Chemong Public School 42 1 300H  Chemong Public School 43 1 400H  Chemong Public School 44 1 S4  Chemong Public School 45 1 C2  Chemong Public School 46 1 300  Chemong Public School 47 1 308  Chemong Public School 48 1 308A  Chemong Public School 49 1 308B	Chemong Public School 41 1 500H Corridor  Chemong Public School 42 1 300H Corridor  Chemong Public School 43 1 400H Corridor  Chemong Public School 43 1 S4 Storage  Chemong Public School 45 1 C2 Custodian Room  Chemong Public School 46 1 300 Classroom  Chemong Public School 47 1 308 Library Resource Room  Chemong Public School 48 1 308A Audio - Visual  Chemong Public School 49 1 308B Work Room	Chemong Public School 41 1 500H Corridor  Chemong Public School 42 1 300H Corridor  Chemong Public School 43 1 400H Corridor  Chemong Public School 44 1 S4 Storage  Chemong Public School 45 1 C2 Custodian Room  Chemong Public School 46 1 300 Classroom  Chemong Public School 47 1 308 Library Resource Room  Chemong Public School 48 1 308A Audio - Visual  Chemong Public School 49 1 308B Work Room	Chemong Public School         41         1         Frest         Number         Suffix         Access         Feet           Chemong Public School         41         1         500H         Corridor         1500           Chemong Public School         42         1         300H         Corridor         1500           Chemong Public School         43         1         400H         Corridor         1500           Chemong Public School         44         1         S4         Storage         250           Chemong Public School         45         1         C2         Custodian Room         250           Chemong Public School         46         1         300         Classroom         600           Chemong Public School         47         1         308         Library Resource Room         1500           Chemong Public School         48         1         308A         Audio - Visual         200           Chemong Public School         49         1         308B         Work Room         200	Chemong Public School         41         1         500H         Corridor         1500         2018-04-11           Chemong Public School         42         1         300H         Corridor         1500         2018-04-11           Chemong Public School         43         1         400H         Corridor         1500         2018-04-11           Chemong Public School         44         1         S4         Storage         250         2018-04-11           Chemong Public School         45         1         C2         Custodian Room         250         2018-04-11           Chemong Public School         46         1         300         Classroom         600         2018-04-11           Chemong Public School         47         1         308         Library Resource Room         1500         2018-04-11           Chemong Public School         48         1         308A         Audio - Visual         200         2018-04-11           Chemong Public School         49         1         308B         Work Room         200         2018-04-11



Kawartha Pine Ridge District Sch Board

Site:

59723

Building#	Building Name	Loc #	Floor	Room Room Prefix Number	Room Suffix	Room Name	No Access	Square Feet	Survey Date	Surveyor
	Chemong Public School	51	1	GD2		Counsel		275	2018-04-11	Adam Heizer
	Chemong Public School	52	1	301		Classroom		700	2018-04-11	Adam Heizer
	Chemong Public School	53	1	302		Classroom		900	2018-04-11	Adam Heizer
	Chemong Public School	54	1	303		Classroom		900	2018-04-11	Adam Heizer
	Chemong Public School	55	1	304		Classroom		900	2018-04-11	Adam Heizer
	Chemong Public School	56	1	304A		Work Room		400	2018-04-11	Adam Heizer
	Chemong Public School	57	1	M305		Music Room		1000	2018-04-11	Adam Heizer
	Chemong Public School	58	1	M305A		Practice Room		150	2018-04-11	Adam Heizer
	Chemong Public School	59	1	M305B		Practice Room		150	2018-04-11	Adam Heizer
	Chemong Public School	60	1	S3		Storage		100	2018-04-11	Adam Heizer



Kawartha Pine Ridge District Sch Board

Site:

59723

Building#	Building Name	Loc#	Floor	Room Room Prefix Number	Room Suffix	Room Name	No Access	Square Feet	Survey Date	Surveyor
	Chemong Public School	61	1	306	,	Art Room		900	2018-04-11	Adam Heizer
	Chemong Public School	62	1	306A		Work Room		100	2018-04-11	Adam Heizer
	Chemong Public School	63	1	307A		Prep Room		250	2018-04-11	Adam Heizer
	Chemong Public School	64	1	307		Science Lab		900	2018-04-11	Adam Heizer
	Chemong Public School	65	1	G2		Girls Washroom		250	2018-04-11	Adam Heizer
	Chemong Public School	66	1	B2		Boys Washroom		250	2018-04-11	Adam Heizer
	Chemong Public School	67	1	100V2		Vestibule		100	2018-04-11	Adam Heizer

APPENDIX VI All Data Report

59723



Building #:	<b>Building Name: C</b>	hemong Public School	Surveyor:	Tiffany Smith		Survey	Date: 2011-02-01				
Reassessment Dat	e:2018-04-11	Reassessment Survey	or: Adam Heiz	er							
Location #: 1		<b>Location Name: Exte</b>	erior	Floor: 1			Room #:		Square ft:		
System	Component	Material	Item	Covering	Access	Visible	Condition, Quanti	-	Units Sample	Hazard	Friability
Other	Soffit	Steel	l	l l						None	
Other	Soffit	Wood								None	
Building #: Reassessment Dat	0	hemong Public School Reassessment Survey	•	Tiffany Smith		Survey	Date: 2011-02-01				
Location #: 2		<b>Location Name: Roo</b>	f	Floor: NA			Room #:		Square ft:		
System	Component	Material	Item	Covering	Access	Visible	Condition, Quanti	ty & Action	Units Sample	Hazard	Friability
							Good Fair	Poor			
Wall	All	Masonry								None	
Piping	All	Not Insulated								None	



Building #: Reassessment Date:2018	_	mong Public School Reassessment Surveyor:	-	Tiffany Smith er		Survey	Date: 2	011-0	2-01					
Location #: 3		Location Name: Boiler R	oom	Floor: 1			Room	#: BI	R1		Square	ft: 700		
System	Component	Material	Item	Covering	Access	Visible	Condi	ition, (	Quantity &	& Action	U	nits Sampl	e Hazard	Friability
							Good		Fair	Poor				
Floor		Concrete(poured)											None	
Ceiling		Drywall and joint compound	Surface	Paint	С	Υ	700	(7)			S	S000	Confirmed Asbestos	Non-Friable
Wall		Masonry											None	
Structure	Not Accessible	N/A											None	
Piping two	All	Not Insulated			NA	NA							None	
Piping	All	Fibreglass											None	
Duct	All	Fibreglass											None	
Mechanical Equipment	Breeching	Not Insulated											None	
Mechanical Equipment	Boiler	Fibreglass											None	
Mechanical Equipment	Heating Water Tank	Not Insulated											None	

59723



Building #: Reassessment Date:201	_	emong Public School Reassessment Surveyor:	•	Ciffany Smith		Survey	Date: 2	2011-(	02-01					
Location #: 4		<b>Location Name: Storage</b>	Room	Floor: 1			Room	1 #: S2	2		Square ft: 4	100		
System	Component	Material	Item	Covering	Access	Visible	Cond	ition,	Quantity &	Action	Units	Sample	Hazard	Friability
							Good	l	Fair	Poor				
Floor		VAT and Mastic Adhesive	Surface		Α	Y	400	(7)			SF	S0003	Confirmed Asbestos	Non-Friable
Ceiling		Drywall and joint compound	Surface	Paint	С	Y	400	(7)			SF	V0001	Confirmed Asbestos	Non-Friable
Wall one		Masonry											None	
Wall two		Wood											None	
Structure	Not Accessible	N/A											None	
Piping		None Found											None	
Duct		None Found											None	
Mechanical Equipment		None Found											None	

**Date:** 31/05/18 18:31:56

**Building Number(s):** 

**Client:** 

**Building #: Building Name: Chemong Public School** Surveyor: Tiffany Smith **Survey Date: 2011-02-01** Reassessment Date: 2018-04-11 Reassessment Surveyor: Adam Heizer

Location #: 5 **Location Name: Upper Mechanical** Floor: 2 Room #: Square ft: 600

		Room 2										
System	Component	Material	Item	Covering	Access	Visible	Condition,	Quantity &	& Action	Units Sample	Hazard	Friability
							Good	Fair	Poor			
Floor	N/A	Concrete(poured)									None	
Ceiling	Not Found	N/A									None	
Wall		Masonry									None	
Structure		Not Insulated									None	
Piping	All	Fibreglass									None	
Duct	All	Fibreglass									None	
Mechanical Equipment	t	None Found									None	

Note: Access Upper Mechanical Room from Janitor Room 8 Steel Ladder.

**Building #: Building Name: Chemong Public School** Surveyor: Tiffany Smith **Survey Date: 2011-02-01** 

Reassessment Date: 2018-04-11 Reassessment Surveyor: Adam Heizer

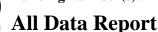
Square ft: 100 Location #: 6 **Location Name: Upper Mechanical** Floor: 2 Room #: M1

		Room 1													
System	Component	Material	Item	Covering	Access	Visible	Cond	lition,	Quantity	& Ac	tion	Unit	Sample	Hazard	Friability
							Good	i	Fair		Poor				
Wall		Masonry												None	
Structure		Not Insulated												None	
Piping one	Hot Water Heating	Parging Cement	Fitting	Canvas	D	Υ	12	(7)				EA	S0006	Confirmed Asbestos	Friable
Piping one	Hot Water Heating	Fibreglass	Straight											None	
Duct	All	Not Insulated												None	
Mechanical Equipment	Duct Connector	Textile	Surface		В	Y	2	(7)				EA	S0002	Confirmed Asbestos	Non-Friable

Note: Two fittings above ducts have adequate canvas and lagging compound. Access Room from Steel Ladder in Janitor Room Location 8 Roof Top Mechanical Room.

59723

Building #: Reassessment Date:201	Building Name: Chemo 8-04-11	ong Public School Reassessment Surveyor:	Surveyor: Ta Adam Heizer			Survey	Date: 2	2011-0	2-01						
Location #: 7		Location Name: Boys W		Floor: 1			Room	#: <b>B</b> 1	1		Sq	uare ft:	400		
System	Component	Material	Item	Covering	Access	Visible	Cond	ition,	Quantity	& Actio	n	Uni	s Sample	Hazard	Friability
							Good		Fair	P	or				
Floor		Terrazzo												None	
Ceiling one	AT-004 - Thin fissure and pinhole (Dated 2009)	Lay-in ceiling tiles	Surface		С	Y	400					SF	V0000	None	
Wall two		Ceramic Tiles												None	
Wall		Masonry												None	
Structure		Not Insulated												None	
Piping two	Domestic Water (Hot & Cold)	Parging Cement	Fitting	Canvas	С	N	8	(7)				EA	S0006	Confirmed Asbestos	Friable
Piping one	Hot Water Heating	Fibreglass	Straight											None	
Piping two	Domestic Water (Hot & Cold)	Fibreglass	Straight											None	
Piping		Not Insulated												None	
Duct	All	Not Insulated												None	
Mechanical Equipment		None Found												None	



Building #: Reassessment Date:2018	Building Name: Chemo 8-04-11	ong Public School Reassessment Surveyor:	Surveyor: Ti Adam Heizer	ffany Smith		Survey	Date: 2	2011-0	2-01					
Location #: 8		Location Name: Custodia		Floor: 1			Room	#: C	1		Square ft:	80		
System	Component	Material	Item	Covering	Access	Visible	Cond	ition,	Quantity &	& Action	Unit	s Sample	Hazard	Friability
							Good		Fair	Poor				
Floor		Terrazzo											None	
Ceiling		Drywall and joint compound	Surface	Paint	С	Υ	80	(7)			SF	S0001	Confirmed Asbestos	Non-Friable
Wall		Masonry											None	
Wall two		Drywall and joint compound			В	Υ	40	(7)			SF	V0001	Confirmed Asbestos	Non-Friable
Structure		Not Insulated											None	
Piping	All	Not Insulated											None	
Duct		None Found											None	
Mechanical Equipment		None Found											None	

59723

Building #: Reassessment Date	Building Name: Chem	ong Public School Reassessment Survey	•	Γiffany Smith		Survey	Date: 2	011-0	2-01					
Location #: 9	::2010-04-11	Location Name: Pipe		Floor: 1			Room	#:			Square	ft: 100		
System	Component	Material	Item	Covering	Access	Visible	Condi	ition,	Quantity &	Action	U	nits Sample	Hazard	Friability
							Good		Fair	Poor				
Floor	N/A	Concrete(poured)											None	
Ceiling	Not Found	N/A											None	
Wall	N/A	Masonry											None	
Structure	N/A	Not Insulated											None	
Piping one	Domestic Water (Hot & Cold)	Fibreglass	Straight										None	
Piping one	Domestic Water (Hot & Cold)	Parging Cement	Fitting	Foil Face	D	Y	10	(7)			E	4 V0006	Confirmed Asbestos	Friable
Duct	N/A	Not Insulated											None	

59723

Building #: Reassessment Date:201	Building Name: Chemo 8-04-11	ong Public School Reassessment Surveyor:	-	iffany Smith		Survey	Date: 2	2011-0	2-01							
Location #: 10		<b>Location Name: Girls W</b>		Floor: 1			Roon	n #: G	1			Squar	e ft: 4	100		
System	Component	Material	Item	Covering	Access	Visible	Cond	lition,	Quantit	y & Ac	tion		Units	Sample	Hazard	Friability
							Good	i	Fair		Poor					
Floor		Terrazzo													None	
Ceiling one	AT-004 - Thin fissure and pinhole (Dated 2009)	Lay-in ceiling tiles	Surface		С	Υ	400						SF	V0000	None	
Wall		Masonry													None	
Structure		Not Insulated													None	
Piping		Not Insulated													None	
Piping	Hot Water Heating	Fibreglass													None	
Piping	Hot Water Heating	Parging Cement	Fitting	Foil Face	С	N	2	(7)					EA	V0006	Confirmed Asbestos	Friable
Duct	All	Not Insulated													None	
Mechanical Equipment		None Found													None	

59723

**Date:** 31/05/18 18:31:56

Building #: Reassessment Date:201	Building Name: Chem 8-04-11	ong Public School Reassessment Surveyor:	Surveyor: Ti Adam Heizer			Survey	Date: 2	2011-0	2-01					
Location #: 11		<b>Location Name: Vestibul</b>	e	Floor: 1			Room	#: 10	0V		Square ft: 0	500		
System	Component	Material	Item	Covering	Access	Visible	Condi	ition, (	Quantity &	Action	Units	Sample	Hazard	Friability
							Good		Fair	Poor				
Floor		Terrazzo											None	
Ceiling	AT-006 - Ridges and bundled pinhole (Dated 2008)	Lay-in ceiling tiles			А	Y	100				%		None	
Wall three		Drywall and joint compound			А	Y	800	(7)			SF	V0001	Confirmed Asbestos	Non-Friable
Wall two		Drywall and joint compound	Surface	Paint	А	Υ					SF	V0000	None	
Wall one		Masonry											None	
Structure		Not Insulated											None	
Piping		Fibreglass			С	N							None	
Duct		None Found											None	
Mechanical Equipment		None Found											None	

Note: Asbestos abatement of the acm drywall bulkhead and 4 asbestos-containing parging cement fittings was performed on July 8, 2014. W2 = Bulkhead

# Hazardous Materials Inventory System Client: K Building Number(s): All Data Report

Building #: Reassessment Date:201	Building Name: Chemo 8-04-11	ong Public School Reassessment Surveyor:	Surveyor: Ta Adam Heizer	iffany Smith		Survey	Date: 2	2011-0	02-01					
Location #: 12		Location Name: Corrido		Floor: 1			Room	n #: 60	00H		Square ft: 2	2200		
System	Component	Material	Item	Covering	Access	Visible	Cond	lition,	Quantity	& Action	Units	Sample	Hazard	Friability
							Good		Fair	Poor				
Floor	•	Terrazzo		·									None	·
Ceiling		Drywall and joint compound	Surface		С	Υ	100	(7)			SF	V0001	Confirmed Asbestos	Non-Friable
Ceiling three	AT-004 - Thin fissure and pinhole (Dated 2009)	Lay-in ceiling tiles			С	Υ	100				SF	V0000	None	
Ceiling one	AT-002 - Ridges with bundled pinhole	Lay-in ceiling tiles	Surface		С	Υ	2000				SF	V0005	None	
Wall one		Concrete(poured)											None	
Wall two		Drywall and joint compound	Surface	Paint	А	Y	150	(7)			SF	V0001	Confirmed Asbestos	Non-Friable
Structure		Not Insulated											None	
Piping two	Domestic Water (Hot & Cold)	Parging Cement	Fitting	Foil Face	С	N	16	(7)			EA	V0006	Confirmed Asbestos	Friable
Piping one	Hot Water Heating	Parging Cement	Fitting	Foil Face	С	N	20	(7)			EA	V0006	Confirmed Asbestos	Friable
Piping two	Domestic Water (Hot & Cold)	Fibreglass	Straight										None	
Piping one	Hot Water Heating	Fibreglass	Straight										None	
Duct	All	Not Insulated											None	
Mechanical Equipment		None Found											None	



Building #: Reassessment Date:	Building Name: Chemo	ng Public School Reassessment Surveyor:		Fiffany Smith		Survey	Date: 2	2011-	02-01					
Location #: 13		<b>Location Name: Comput</b>		Floor: 1			Room	n #: 1	04		Square ft: 9	900		
System	Component	Material	Item	Covering	Access	Visible	Cond	lition,	Quantity &	Action	Units	Sample	Hazard	Friability
							Good	l	Fair	Poor				
Floor Two		VAT and Mastic Adhesive	Surface		А	Υ	700	(7)			SF	S0009	Confirmed Asbestos	Non-Friable
Floor One		VAT and Mastic Adhesive	Surface		А	Υ	200	(7)			SF	S0010	Confirmed Asbestos	Non-Friable
Ceiling one	AT-001 - Random fissure and medium pinhole	Lay-in ceiling tiles	Surface		С	Υ	32				SF	V0004	None	
Ceiling three	AT-007 - Fissure dimples and pinhole	Lay-in ceiling tiles	Surface		С	Υ	200				SF	S0011	None	
Ceiling six	AT-010 - White depressed fissure with pinhole (Dated 1986)	Lay-in ceiling tiles	Surface		С	Y	200				SF	V0000	None	
Ceiling two	AT-002 - Ridges with bundled pinhole	Lay-in ceiling tiles	Surface		С	Υ	68				SF	V0005	None	
Ceiling Five	AT-009 - Multidirectional ridges with large pinhole (Dated post 1986)	Lay-in ceiling tiles	Surface		С	Y	200				SF	V0000	None	
Ceiling four	AT-008 - Multidirectional ridges with large pinhole (Dated post 1986)	Lay-in ceiling tiles	Surface		С	Y	200				SF	V0000	None	
Wall one		Masonry											None	
Wall two		Drywall and joint compound	Surface		А	Υ	600	(7)			SF	V0001	Confirmed Asbestos	Non-Friable
Wall three		Texture Coat	Surface		С	Υ	20				SF	S0017	None	
Structure		Not Insulated											None	
Piping	All	Fibreglass											None	
Piping		Parging Cement	Fitting	Foil Face	С	Y	9	(7)			EA	V0006	Confirmed Asbestos	Friable

## Location continued on next page...

## ...Location continued from previous page

Building #:	Building Name: Chemo	ong Public School	Surveyor: Tiff	any Smith		Survey l	Date: 2011-02	2-01					
Reassessment Date: 2018	3-04-11	Reassessment Surveyor:	Adam Heizer										
Location #: 13		<b>Location Name: Compute</b>	er Lab	Floor: 1			Room #: 10	4	Squ	ıare ft: 9	00		
System	Component	Material	Item	Covering	Access	ccess Visible Condition, Quantity & Action				Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Duct	All	Not Insulated										None	
Mechanical Equipment		None Found										None	

59723

**Date:** 31/05/18 18:31:56

Building #:	<b>Building Name: Chem</b>	=	-	iffany Smith		Survey	Date: 2	011-02-01					
Reassessment Date:201 Location #: 14	18-04-11	Reassessment Surveyor: A Location Name: Classroom		Floor: 1			Room	ı #: 103		Square ft:	900		
System	Component	Material	Item	Covering	Access	Visible	Cond	ition, Quantity	& Action	Unit	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		VAT and Mastic Adhesive	Surface		Α	Υ	900			SF	V0000	None	
Ceiling		Lay-in ceiling tiles	Surface		С	Υ	900			SF	V0000	None	
Wall two		Drywall and joint compound	Surface		А	Υ	150			SF	V0000	None	
Wall one		Masonry										None	
Structure		Not Insulated										None	
Piping two	Domestic Water (Hot & Cold)	Fibreglass	Straight	Foil Face								None	
Piping one	Hot Water Heating	Fibreglass	Straight	Canvas								None	
Duct	All	Not Insulated										None	
Mechanical Equipment		None Found										None	
Other		Adhesive/mastic			А	Υ	100	(7)		%	S0021	Confirmed Asbestos	Non-Friable

Note: New floor installed 2016. New drywall walls and new ceiling 2016.

Building #: Reassessment Date:2018	Building Name: Chemo 3-04-11	ong Public School Reassessment Surveyor: A	Surveyor: Tif Adam Heizer	fany Smith		Survey	Date: 2011-	02-01						
Location #: 15		<b>Location Name: Classroo</b>	m	Floor: 1			Room #: 1	.01		Square	e ft: 9	00		
System	Component	Material	Item	Covering	Access	Visible	Condition,	Quantity &	& Action	[1	Units	Sample	Hazard	Friability
							Good	Fair	Poor					
Floor		VAT and Mastic Adhesive	Surface		Α	Υ	900				SF	V0000	None	
Ceiling		Lay-in ceiling tiles	Surface		С	Υ	900			(	SF	V0000	None	
Wall one		Masonry											None	
Wall two		Drywall and joint compound	Surface		Α	Υ	200			3	SF	V0000	None	
Structure		Not Insulated											None	
Piping	All	Not Insulated											None	
Duct	All	Not Insulated											None	
Mechanical Equipment		None Found											None	

Building #: Reassessment Date:201	Building Name: Chemo 8-04-11	Reassessment Surveyor:	Adam Heize	Tiffany Smith er		Survey									
Location #: 16		Location Name: Classroo		Floor: 1			Room				Square				
System	Component	Material	Item	Covering	Access	Visible			Quantity			Inits	Sample	Hazard	Friability
							Good		Fair	Poor					
Floor		VAT and Mastic Adhesive	Surface		Α	Υ	1200	(7)			S	F	V0003	Confirmed Asbestos	Non-Friable
Ceiling two	AT-003 - Uniform pinhole	Lay-in ceiling tiles	Surface		С	Υ	100				S	F	V0007	None	
Ceiling Five		Drywall and joint compound	Surface	Paint	С	Y	200	(7)			S	F	V0001	Confirmed Asbestos	Non-Friable
Ceiling one	AT-002 - Ridges with bundled pinhole	Lay-in ceiling tiles	Surface		С	Y	700				S	F	V0005	None	
Ceiling three	AT-005 - Large widthwise fissure & large pinhole	Lay-in ceiling tiles	Surface		С	Y	100				S	F	V0008	None	
Ceiling four	AT-006 - Ridges and bundled pinhole (Dated 2008)	Lay-in ceiling tiles	Surface		С	Y	100				S	F	V0000	None	
Wall one		Masonry												None	
Wall three		Texture Coat	Surface		С	N	30				S	F	S0017	None	
Wall two		Drywall and joint compound	Surface	Paint	А	Υ	1200	(7)			S	F	V0001	Confirmed Asbestos	Non-Friable
Structure		Not Insulated												None	
Piping one	Hot Water Heating	Fibreglass	Straight	Canvas										None	
Piping two	Rain Water Leader	Transite			С	N	12	(7)			L	F	V9000	Confirmed Asbestos	Non-Friable
Piping one	Hot Water Heating	Parging Cement	Fitting	Foil Face	С	N	4	(7)			E	Α	V0006	Confirmed Asbestos	Friable
Duct	All	Not Insulated												None	
Mechanical Equipment		None Found												None	

Note: W3 - Texture coat on steel beam. parging cement fittings lagged covering foil

## Hazardous Materials Inventory System Client: Building Number(s): All Data Report

Building #:	<b>Building Name: Chem</b>	0	Surveyor: Ti	ffany Smith		Survey	Date: 2011-0	02-01					
Reassessment Date: 201 Location #: 17	8-04-11	Reassessment Surveyor: Location Name: Classroo		Floor: 1			Room #: 10	00		Square ft: 9	000		
System	Component	Material	Item	Covering	Access	Visible	Condition,	Quantity	& Action	Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		VAT and Mastic Adhesive	Surface		Α	Υ	900			SF	V0000	None	
Ceiling		Lay-in ceiling tiles	Surface		С	Υ	900			SF	V0000	None	
Wall one		Masonry										None	
Wall two		Drywall and joint compound	Surface		Α	Υ	150			SF	V0000	None	
Structure		Not Insulated										None	
Piping one	Hot Water Heating	Fibreglass	Straight	Canvas								None	
Piping two	Domestic Water (Hot & Cold)	Fibreglass	Straight	Foil Face								None	
Duct	All	Not Insulated										None	
Mechanical Equipment		None Found										None	

# Hazardous Materials Inventory System Client: Building Number(s): All Data Report

	-04-11	Reassessment Surveyor: A	-	ffany Smith		Survey	Date: 2	2011-0	2-01					
Location #: 18		<b>Location Name: Office</b>		Floor: 1			Room	#: 13	3		Square ft: 2	200		
System	Component	Material	Item	Covering	Access	Visible	Cond	ition, (	Quantity &	Action	Units	Sample	Hazard	Friability
							Good		Fair	Poor				
Floor		VAT and Mastic Adhesive	Surface		А	Y	200	(7)			SF	V0003	Confirmed Asbestos	Non-Friable
Ceiling two	AT-004 - Thin fissure and pinhole (Dated 2009)	Lay-in ceiling tiles			С	Υ	200				SF	V0000	None	
Wall one		Masonry											None	
Wall three		Drywall and joint compound	Surface	Paint	Α	Υ	200	(7)			SF	V0001	Confirmed Asbestos	Non-Friable
Structure		Not Insulated											None	
Piping one	Hot Water Heating	Fibreglass											None	
Piping two	Rain Water Leader	Fibreglass	Fitting	Foil Face	С	N					EA	V0000	None	
Duct	All	Not Insulated											None	
Mechanical Equipment		None Found											None	

Building #: Reassessment Date:201	Building Name: Cher 8-04-11	nong Public School Reassessment Surveyor:	•	Fiffany Smith er		Survey	Date: 2	2011-0	2-01					
Location #: 19		Location Name: Principa	d Office	Floor: 1			Room	ı #: 13	4		Square ft: 3	300		
System	Component	Material	Item	Covering	Access	Visible	Cond	ition, (	Quantity &	Action	Units	Sample	Hazard	Friability
							Good		Fair	Poor				
Floor		Wood											None	
Ceiling two	AT-011 - Ridges and pinhole (Dated 1998)	Lay-in ceiling tiles			С	Y	25				SF	V0013	None	
Ceiling one	AT-002 - Ridges with bundled pinhole	Lay-in ceiling tiles	Surface		С	Y	275				SF	V0005	None	
Wall two		Drywall and joint compound	Surface	Paint	А	Y	200	(7)			SF	V0001	Confirmed Asbestos	Non-Friabl
Wall one		Masonry											None	
Structure		Not Insulated											None	
Piping	All	Fibreglass											None	
Duct	All	Not Insulated											None	
Mechanical Equipment		None Found											None	

Building #: Reassessment Date:201	_	emong Public School Reassessment Surveyor: A	Surveyor: Ti Adam Heizer	-		Survey	Date: 2	2011-0	2-01					
Location #: 20		<b>Location Name: General</b>					Room	ı #: 12	8		Square ft: 3	3150		
System	Component	Material	Item	Covering	Access	Visible	Cond	ition, (		& Action	Units	Sample	Hazard	Friability
							Good		Fair	Poor				
Floor One		VAT and Mastic Adhesive	Surface		Α	Υ	3000	(7)			SF	V0003	Confirmed Asbestos	Non-Friable
Floor Two		VAT and Mastic Adhesive	Surface		А	Y	150	(7)			SF	V0009	Confirmed Asbestos	Non-Friable
Ceiling		None Found											None	
Wall two		Drywall and joint compound	Surface	Paint	С	Y	1000	(7)			SF	V0001	Confirmed Asbestos	Non-Friable
Wall one		Masonry											None	
Structure		Not Insulated											None	
Piping		None Found											None	
Duct		None Found											None	
Mechanical Equipment		None Found											None	

Building #: Reassessment Date:201	Building Name: Chen 8-04-11	nong Public School Reassessment Surveyor:	Surveyor: Ti Adam Heizer			Survey	Date: 2011	1-02-01					
Location #: 21		Location Name: Stage		Floor: 1			Room #:	128A		Square ft:	800		
System	Component	Material	Item	Covering	Access	Visible	Condition	n, Quantity	& Action	Unit	s Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Wood										None	_
Floor Two		Steel										None	
Ceiling		None Found										None	
Wall two		Drywall and joint compound	Surface	Paint	С	Y	200 (7	)		SF	V0001	Confirmed Asbestos	Non-Friable
Wall one		Masonry										None	
Structure		Not Insulated										None	
Piping	Rain Water Leader	Fibreglass	Straight									None	
Duct		None Found										None	
Mechanical Equipment		None Found										None	
Building #: Reassessment Date:201	Building Name: Chem 8-04-11	nong Public School Reassessment Surveyor:	Surveyor: Ti Adam Heizer			Survey	Date: 2011	1-02-01					
Location #: 22	0 0 1 1 1	Location Name: Storage		Floor: 1			Room #:	128B		Square ft:	150		
System	Component	Material	Item	Covering	Access	Visible	Condition	n, Quantity			s Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Concrete(poured)										None	
Ceiling		None Found										None	
Wall		Concrete(poured)										None	
Structure		Not Insulated										None	
Piping		None Found										None	
Duct		None Found										None	
Mechanical Equipment		None Found										None	

t: 300 nits Sample V0001	None	Friability  Non-Friable
	None Confirmed	
V0001	Confirmed	Non-Friable
V0001		Non-Friable
	None	
t: 350		
	Hazard	Friability
V0003	Confirmed Asbestos	Non-Friable
V0001	Confirmed Asbestos	Non-Friable
	None	
•	V0003	t: 350 hits Sample Hazard  V0003 Confirmed Asbestos  V0001 Confirmed Asbestos  None  None  None

Floor VAT and Mastic Adhesive Surface A Y 350 (7) SF  Ceiling two AT-006 - Ridges and bundled pinhole (Dated 2008) Lay-in ceiling tiles Surface C Y 175 SF  Ceiling AT-005 - Large widthwise Lay-in ceiling tiles Surface C Y 175 SF		
Floor VAT and Mastic Adhesive Surface A Y 350 (7) SF  Ceiling two AT-006 - Ridges and bundled pinhole (Dated 2008) Lay-in ceiling tiles Surface C Y 175 SF	350	
Floor VAT and Mastic Adhesive Surface A Y 350 (7) SF  Ceiling two AT-006 - Ridges and bundled pinhole (Dated 2008) Lay-in ceiling tiles C Y 175 SF  Ceiling AT-005 - Large widthwise Lay-in ceiling tiles Surface C Y 175 SF	ts Sample	Hazard Friab
Ceiling two AT-006 - Ridges and bundled pinhole (Dated 2008)  Ceiling AT-005 - Large widthwise Lay-in ceiling tiles Surface C Y 175 SF		
bundled pinhole (Dated 2008)  Ceiling AT-005 - Large widthwise Lay-in ceiling tiles Surface C Y 175 SF		Confirmed Non-F Asbestos
	ļ	None
fissure & large pinhole	V0008	None
Wall Concrete(poured)	1	None
Structure Not Insulated	I	None
Piping None Found	I	None
Duct Not Insulated	I	None
Mechanical Equipment None Found	1	None

Building #: Reassessment Date:201	Building Name: Chem	ong Public School Reassessment Surveyor:	Surveyor: Ti	•		Survey	Date: 2	2011-0	02-01					
Location #: 26	0-04-11	Location Name: Corrido		Floor: 1			Room	ı #: 1	12H		Square ft: 2	200		
System	Component	Material	Item	Covering	Access	Visible	Cond	ition,	Quantity &	& Action	Units	Sample	Hazard	Friability
							Good		Fair	Poor				
Floor		VAT and Mastic Adhesive			Α	Υ	200				SF	V0000	None	
Ceiling two		Drywall and joint compound	Surface	Paint	С	Y	80	(7)			SF	V0001	Confirmed Asbestos	Non-Friable
Ceiling one	AT-006 - Ridges and bundled pinhole (Dated 2008)	Lay-in ceiling tiles			С	Y	120				SF	V0000	None	
Wall		Concrete(poured)											None	
Structure		Not Insulated											None	
Piping		None Found											None	
Duct	All	Not Insulated											None	
Mechanical Equipment		None Found											None	

Note: F - New 12x12 White with grey splotch.

Building #: Reassessment Date:201	Building Name: Chem 8-04-11	ong Public School Reassessment Surveyor: 1	-	Ciffany Smith		Survey	Date: 2011-0	02-01					
Location #: 27		Location Name: 2002 Pha Construction	ase of	Floor: 1			Room #:			Square ft: 2	2500		
System	Component	Material	Item	Covering	Access	Visible	Condition, Good	Quantity & Fair	Action Poor	Units	Sample	Hazard	Friability
Floor		VAT and Mastic Adhesive			Α	Υ	2500			SF	V0000	None	
Ceiling	AT-006 - Ridges and bundled pinhole (Dated 2008)	Lay-in ceiling tiles			С	Y	2500			SF	V0000	None	
Wall		Concrete(poured)										None	
Wall		Drywall and joint compound			С	Υ	2000			SF	V0000	None	
Structure		Not Insulated										None	
Piping	All	Fibreglass										None	
Piping		Not Insulated										None	
Duct	All	Fibreglass		Foil Face								None	
Mechanical Equipment		None Found										None	

59723

Building #: Reassessment Date:201	Building Name: Chem 8-04-11	ong Public School Reassessment Surveyor:	-	iffany Smith		Survey	<b>Date: 20</b> 1	11-02	-01							
Location #: 28	0-04-11	Location Name: Washroo		Floor: 1			Room #	<b>‡: 113</b>	i			Squar	e ft: 1	150		
System	Component	Material	Item	Covering	Access	Visible	Condition	ion, Q	uantity	& Ac	tion		Units	Sample	Hazard	Friability
							Good		Fair		Poor					
Floor		VAT and Mastic Adhesive			Α	Υ	100						SF	V0000	None	
Ceiling one	AT-006 - Ridges and bundled pinhole (Dated 2008)	Lay-in ceiling tiles			С	Y	150						SF	V0000	None	
Wall one		Masonry													None	
Wall two		Drywall and joint compound	Surface		А	Y	100 (	(7)					SF	V0001	Confirmed Asbestos	Non-Friable
Structure		Not Insulated													None	
Piping		Fibreglass													None	
Duct	All	Fibreglass													None	
Mechanical Equipment		None Found													None	

Building #: Reassessment Date:2018	Building Name: Chemos-04-11	ong Public School Reassessment Surveyor:	Surveyor: Tit Adam Heizer	ffany Smith		Survey	Date: 201	1-02-	01						
Location #: 29		<b>Location Name: Kitchen</b>		Floor: 1			Room #:	: 114			Squ	are ft: 3	00		
System	Component	Material	Item	Covering	Access	Visible	Conditio	on, Qu	antity	& Action	n	Units	Sample	Hazard	Friability
							Good	1	Fair	Po	or				
Floor		VAT and Mastic Adhesive			Α	Υ	300					SF	V0000	None	
Ceiling	AT-006 - Ridges and bundled pinhole (Dated 2008)	Lay-in ceiling tiles			С	Y	300					SF	V0000	None	
Wall one		Masonry												None	
Wall two		Drywall and joint compound	Surface	Paint	A	Y	300 (7	7)				SF	V0001	Confirmed Asbestos	Non-Friable
Structure		Not Insulated												None	
Piping	All	Fibreglass												None	
Duct	All	Fibreglass												None	
Mechanical Equipment		None Found												None	

Note: F - New 12x12 White with grey splotch.

Building #: Reassessment Date:201	Building Name: Chem 8-04-11	ong Public School Reassessment Surveyor:	Surveyor: Ti Adam Heizer	•		Survey	Date: 20	11-02-	01					
Location #: 30		Location Name: Work Ro		Floor: 1			Room #	<b>#: 131</b>	4		Square ft:	300		
System	Component	Material	Item	Covering	Access	Visible	Conditi	ion, Qı	antity &	Action	Unit	Sample	Hazard	Friability
							Good	]	Fair	Poor				
Floor		VAT and Mastic Adhesive			Α	Υ	300				SF	V0000	None	
Ceiling	AT-006 - Ridges and bundled pinhole (Dated 2008)	Lay-in ceiling tiles			С	Υ	300				SF	V0000	None	
Wall one		Concrete(poured)											None	
Wall two		Drywall and joint compound	Surface	Paint	А	Y	400	(7)			SF	V0001	Confirmed Asbestos	Non-Friable
Structure		Not Insulated											None	
Piping	All	Fibreglass											None	
Duct	All	Fibreglass											None	
Mechanical Equipment		None Found											None	

**Client:** 

Building #: Reassessment Date:2018	Building Name: Chemes-04-11	ong Public School Reassessment Surveyor: 1	Surveyor: Tit Adam Heizer	ffany Smith		Survey	Date: 20	11-02-	-01						
Location #: 31		<b>Location Name: Storage</b>		Floor: 1			Room ?	#: 131	A		Squa	re ft: 1	100		
System	Component	Material	Item	Covering	Access	Visible	Condit	ion, Qu	uantity	& Action		Units	Sample	Hazard	Friability
							Good		Fair	Poo	r				
Floor		VAT and Mastic Adhesive			Α	Υ	100					SF	V0000	None	_
Ceiling	AT-006 - Ridges and bundled pinhole (Dated 2008)	Lay-in ceiling tiles			С	Y	100					SF	V0000	None	
Wall one		Masonry												None	
Wall two		Drywall and joint compound	Surface	Paint	A	Υ	100	(7)				SF	V0001	Confirmed Asbestos	Non-Friable
Structure		Not Insulated												None	
Piping	All	Fibreglass												None	
Piping two		Not Insulated												None	
Duct	All	Fibreglass												None	
Mechanical Equipment		None Found												None	

Building #: Reassessment Date:201	Building Name: Chem 8-04-11	ong Public School Reassessment Surveyor:	Surveyor: Ti Adam Heizer	•		Survey	Date: 2	011-02	2-01					
Location #: 32		<b>Location Name: Staff Ro</b>	om	Floor: 1			Room	#: 131	1		Square ft:	700		
System	Component	Material	Item	Covering	Access	Visible	Condi	ition, Ç	Quantity &	Action	Units	Sample	Hazard	Friability
							Good		Fair	Poor				
Floor		VAT and Mastic Adhesive			Α	Υ	500				SF	V0000	None	_
Floor Two		Carpet			Α	Υ	200					V0000	None	
Ceiling	AT-006 - Ridges and bundled pinhole (Dated 2008)	Lay-in ceiling tiles			С	Y	700				SF	V0000	None	
Wall two		Drywall and joint compound	Surface	Paint	А	Y	300	(7)			SF	V0001	Confirmed Asbestos	Non-Friable
Wall one		Masonry											None	
Structure		Not Insulated											None	
Piping	All	Fibreglass											None	
Duct	All	Fibreglass											None	
Mechanical Equipment		None Found											None	

Building #: Reassessment Date:201	Building Name: Chem 8-04-11	ong Public School Reassessment Surveyor:	•	iffany Smith		Survey	Date: 2011-	02-01					
Location #: 33		Location Name: Washro	om	Floor: 1			Room #: S	W1		Square ft:	60		
System	Component	Material	Item	Covering	Access	Visible	Condition,	Quantity &	Action	Uni	ts Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Terrazzo										None	
Ceiling	AT-006 - Ridges and bundled pinhole (Dated 2008)	Lay-in ceiling tiles			С	Y	60			SF	V0000	None	
Wall		Masonry										None	
Structure		Not Insulated										None	
Piping		Not Insulated										None	
Piping	All	Fibreglass										None	
Duct	All	Not Insulated										None	
Mechanical Equipment		None Found										None	

Building #: Reassessment Date:201	Building Name: Chem 8-04-11	ong Public School Reassessment Surveyor:	•	iffany Smith		Survey	Date: 2011-	02-01					
Location #: 34		<b>Location Name: Staff W</b>	ashroom	Floor: 1			Room #: S	W2		Square ft: 6	50		
System	Component	Material	Item	Covering	Access	Visible	Condition,	Quantity &	Action	Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Terrazzo										None	
Ceiling	AT-006 - Ridges and bundled pinhole (Dated 2008)	Lay-in ceiling tiles			С	Y	60			SF	V0000	None	
Wall		Masonry										None	
Structure		Not Insulated										None	
Piping two		Not Insulated										None	
Piping	All	Fibreglass										None	
Duct	All	Not Insulated										None	
Mechanical Equipment		None Found										None	

59723

Building #: Reassessment Date:2	Building Name: Cher 2018-04-11	Reassessment Surveyor:				Survey	Date: 2				Conomo	. e4. 1	200		
Location #: 35 System	Component	Location Name: Vice Pri Material	Item	Floor: 1 Covering	Access	Visible		lition,	Quantity     Fair	& Action Poor			Sample	Hazard	Friability
Floor		VAT and Mastic Adhesive			A	Υ	200	(7)	1 4411	1 001		SF	V0003	Confirmed Asbestos	Non-Friable
Ceiling	AT-002 - Ridges with bundled pinhole	Lay-in ceiling tiles			С	Υ	200				5	SF	V0005	None	
Wall two		Drywall and joint compound			А	Υ	100	(7)			5	SF	V0001	Confirmed Asbestos	Non-Friable
Wall		Masonry			С	Υ								None	
Structure		Not Insulated												None	
Piping	All	Fibreglass												None	
Piping		Not Insulated												None	
Duct		None Found												None	

59723

**Date:** 31/05/18 18:31:56

Site:



Building #: Reassessment Date:201	Building Name: Che 8-04-11	mong Public School Reassessment Surveyor:	•	iffany Smith		Survey	Date: 2011-0	02-01					
Location #: 36		Location Name: Classroo	m	Floor: 1			Room #: 20	01		Square ft:	900		
System	Component	Material	Item	Covering	Access	Visible	Condition,	Quantity &	Action	Unit	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		VAT and Mastic Adhesive	Surface		Α	Υ	900			SF	V0000	None	
Ceiling		Lay-in ceiling tiles	Surface		С	Υ	900			SF	V0000	None	
Wall one		Masonry										None	
Wall two		Drywall and joint compound	Surface		А	Υ	150			SF	V0000	None	
Structure		Not Insulated										None	
Piping	Hot Water Heating	Fibreglass	Straight									None	
Piping		Not Insulated										None	
Duct	All	Not Insulated										None	
Mechanical Equipment		None Found										None	

Building #: Reassessment Date:2018	Building Name: Chem 3-04-11	ong Public School Reassessment Surveyor:	Surveyor: Tit Adam Heizer	ffany Smith		Survey	Date: 2011-(	)2-01					
Location #: 37		Location Name: Classroo	m	Floor: 1			Room #: 20	02		Square ft	: 900		
System	Component	Material	Item	Covering	Access	Visible	Condition,	Quantity	& Action	Un	its Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		VAT and Mastic Adhesive	Surface		Α	Υ	900			SF	V0000	None	
Ceiling		Lay-in ceiling tiles	Surface		С	Υ	900			SF	V0000	None	
Wall one		Masonry										None	
Wall two		Drywall and joint compound	Surface		Α	Υ	150			SF	V0000	None	
Structure		Not Insulated										None	
Piping	Domestic Water (Hot & Cold)	Fibreglass	Straight	Canvas								None	
Piping		Not Insulated										None	
Duct	All	Not Insulated										None	
Mechanical Equipment		None Found										None	



All	Data	Report
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Building #: Reassessment Date:201	Building Name: Chem 8-04-11	ong Public School Surveyor: Tiffany Smith Reassessment Surveyor: Adam Heizer					Survey Date: 2011-02-01										
Location #: 38		Location Name: Classroom		Floor: 1			Room #: 2	03		Square ft:	900						
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Uni	ts Sample	Hazard	Friability				
							Good	Fair	Poor								
Floor		VAT and Mastic Adhesive	Surface		Α	Υ	900			SF	V0000	None					
Ceiling		Lay-in ceiling tiles	Surface		С	Υ	900			SF	V0000	None					
Wall one		Masonry										None					
Wall two		Drywall and joint compound	Surface		А	Υ	1500			SF	V0000	None					
Structure		Not Insulated										None					
Piping	Domestic Water (Hot & Cold)	Fibreglass	Straight									None					
Piping		Not Insulated										None					
Duct	All	Not Insulated										None					
Mechanical Equipment		None Found										None					

Building #: Reassessment Date:201	Building Name: Chem	ong Public School Reassessment Surveyor:		Fiffany Smith		Survey	Date: 2	2011-0	02-01					
Location #: 39		<b>Location Name: Classroom</b>		Floor: 1			Room #: 204				Square ft: 9	900		
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	Sample	Hazard	Friability	
							Good	l	Fair	Poor				
Floor		VAT and Mastic Adhesive	Surface		Α	Y	900				SF	V0000	None	
Ceiling		Lay-in ceiling tiles	Surface		С	Υ	900				SF	V0000	None	
Wall one		Masonry		Paint	А	N	800				SF		None	
Wall one		Paint	Surface		А	Υ	800	(7)			SF	S0022	Confirmed Asbestos	Non-Friable
Wall two		Drywall and joint compound	Surface		А	Υ	150				SF	V0000	None	
Structure		Not Insulated											None	
Piping two	Hot Water Heating	Fibreglass	Straight										None	
Piping		Not Insulated											None	
Piping one	Domestic Water (Hot & Cold)	Fibreglass	Straight										None	
Duct	All	Not Insulated											None	
Mechanical Equipment		None Found											None	
Other		Adhesive/mastic			С	Y	100	(7)			%	S0022	Confirmed Asbestos	Non-Friable
Other		Adhesive/mastic			С	Υ	100				%	S0023	None	

Building #: Reassessment Date:201	Building Name: Chemo 8-04-11	ong Public School Reassessment Surveyor:	Surveyor: Tif Adam Heizer	fany Smith		Survey	Date: 2	2011-(	02-01					
Location #: 40		<b>Location Name: Corridor</b>		Floor: 1		Room #: 110H				uare ft: 🤅				
System	Component	Material	Item	Covering	Access	Visible	Cond	ition,	Quantity &	& Action	Units	Sample	Hazard	Friability
							Good		Fair	Poor				
Floor		Terrazzo											None	
Ceiling one	AT-001 - Random fissure and medium pinhole	Lay-in ceiling tiles	Surface		С	Y	2000				SF	V0004	None	
Ceiling three	AT-004 - Thin fissure and pinhole (Dated 2009)	Lay-in ceiling tiles			С	Y	500				SF	V0000	None	
Ceiling		Drywall and joint compound			A	Y	250	(7)			SF	S0001	Confirmed Asbestos	Non-Friable
Ceiling two	AT-006 - Ridges and bundled pinhole (Dated 2008)	Lay-in ceiling tiles			С	Y	500				SF	V0000	None	
Wall		Masonry											None	
Structure		Not Insulated											None	
Piping two	Rain Water Leader	Sweatwrap			С	N	100				LF	V0012	None	
Piping	Hot Water Heating	Fibreglass	Straight										None	
Piping	Hot Water Heating	Parging Cement	Fitting	Canvas	С	N	30	(7)			SF	V0006	Confirmed Asbestos	Friable
Duct	All	Not Insulated											None	
Mechanical Equipment		None Found											None	

Note: C - Around Lights

59723

Building #: Reassessment Date:201	Building Name: Chemo	ong Public School Reassessment Surveyor:	•	Γiffany Smith		Survey	Date: 20	011-02	-01					
Location #: 41		Location Name: Corrido		Floor: 1			Room	#: 500	Н		Square ft:	1500		
System	Component	Material	Item	Covering	Access	Visible	Condi	tion, Q	uantity &	Action	Uni	s Sample	Hazard	Friability
							Good		Fair	Poor				
Floor		Terrazzo											None	
Ceiling two	AT-006 - Ridges and bundled pinhole (Dated 2008)	Lay-in ceiling tiles			С	Y	500				SF	V0000	None	
Ceiling one	AT-004 - Thin fissure and pinhole (Dated 2009)	Lay-in ceiling tiles			С	Y	500				SF	V0000	None	
Ceiling three	AT-005 - Large widthwise fissure & large pinhole	Lay-in ceiling tiles	Surface		С	Y	500				SF	V0008	None	
Wall two		Drywall and joint compound	Surface	Paint	С	Y	1000				SF	S0016	None	
Wall one		Masonry											None	
Structure		Not Insulated											None	
Piping two	Rain Water Leader	Transite	Straight		С	N	100	(7)			LF	V9000	Confirmed Asbestos	Non-Friable
Piping one	Hot Water Heating	Fibreglass	Straight										None	
Duct	All	Not Insulated											None	
Mechanical Equipment		None Found											None	
Other		Transite	Surface		D	Y	100	(7)			SF	V0020	Confirmed Asbestos	Non-Friable

Note: O - Radiator



Building #: Reassessment Date:201	Building Name: Chemo 8-04-11	ong Public School Reassessment Surveyor: 1	Surveyor: Ti Adam Heizer	ffany Smith		Survey	Date: 2	011-0	02-01					
Location #: 42		Location Name: Corrido		Floor: 1			Room	#: 30	00H		Square ft:	1500		
System	Component	Material	Item	Covering	Access	Visible	Condi	ition,	Quantity &	Action	Unit	Sample	Hazard	Friability
							Good		Fair	Poor				
Floor		VAT and Mastic Adhesive	Surface		A	Y	1500	(7)			SF	V0010	Confirmed Asbestos	Non-Friable
Ceiling two	AT-004 - Thin fissure and pinhole (Dated 2009)	Lay-in ceiling tiles			С	Y	500				SF	V0000	None	
Ceiling one	AT-011 - Ridges and pinhole (Dated 1998)	Lay-in ceiling tiles	Surface		С	Y	500				SF	V0013	None	
Ceiling three	AT-006 - Ridges and bundled pinhole (Dated 2008)	Lay-in ceiling tiles			С	Y	500				SF	V0000	None	
Wall two		Drywall and joint compound	Surface	Paint	С	Υ	400				SF	V0016	None	
Wall one		Concrete(poured)											None	
Piping two	All	Fibreglass											None	
Piping one	Rain Water Leader	Transite	Straight		С	N	200	(7)			LF	V9000	Confirmed Asbestos	Non-Friable
Duct	All	Not Insulated											None	
Mechanical Equipment		None Found											None	

Building #: Reassessment Date:201	Building Name: Chemo 8-04-11	ong Public School Reassessment Surveyor:	-	Fiffany Smith r		Survey	Date: 2	2011-02	<b>-01</b>					
Location #: 43		Location Name: Corridor	r	Floor: 1			Room	ı #: 400	H		Square ft:	1500		
System	Component	Material	Item	Covering	Access	Visible	Cond	ition, Q	uantity &	& Action	Unit	s Sample	Hazard	Friability
							Good		Fair	Poor				
Floor		Terrazzo											None	
Ceiling one	AT-011 - Ridges and pinhole (Dated 1998)	Lay-in ceiling tiles	Surface		С	Y	1000				SF	V0013	None	
Ceiling two	AT-005 - Large widthwise fissure & large pinhole	Lay-in ceiling tiles	Surface		С	Y	500				SF	V0008	None	
Wall one		Masonry											None	
Wall two		Drywall and joint compound	Surface	Paint	С	Υ	60				SF	V0016	None	
Structure		Not Insulated											None	
Piping one	Rain Water Leader	Transite	Straight		С	N	200	(7)			SF	V9000	Confirmed Asbestos	Non-Friable
Piping two	All	Fibreglass											None	
Duct	All	Fibreglass											None	
Mechanical Equipment		None Found											None	



## **Client:**

Building #: Reassessment Date:201	Building Name: Cheme 8-04-11	ong Public School Reassessment Surveyor:	Surveyor: Tit Adam Heizer	ffany Smith		Survey	Date: 2	2011-0	02-01					
Location #: 44		<b>Location Name: Storage</b>		Floor: 1			Room	n #: S4	4		Square	ft: 250		
System	Component	Material	Item	Covering	Access	Visible	Cond	lition,	Quantity	& Action	U	nits Sam	ple Hazaro	Friability
							Good	l	Fair	Poor	•			
Floor		Concrete(poured)											None	
Ceiling		None Found											None	
Wall		Masonry											None	
Structure		Not Insulated											None	
Piping two	Rain Water Leader	Transite	Surface		А	Υ	10	(7)			LI	- V90	00 Confirm Asbesto	
Piping	Hot Water Heating	Fibreglass	Straight										None	
Piping	Hot Water Heating	Parging Cement	Fitting	Canvas	A	N	3	(5)			E	4 V00	06 Confirm Asbesto	
Duct	All	Fibreglass											None	
Mechanical Equipment	Fan Unit	Not Insulated											None	

Building #: Reassessment Date:2018	Building Name: Chem 3-04-11	Reassessment Surveyor:		ffany Smith		Survey	Date: 2011-								
Location #: 45		Location Name: Custodia	an Room	Floor: 1			Room #: 0				Square				
System	Component	Material	Item	Covering	Access	Visible	Condition				τ	Jnits	Sample	Hazard	Friability
							Good	Fair		Poor					
Floor		VAT and Mastic Adhesive	Surface		Α	Υ	250 (7)				S	SF	S0015	Confirmed Asbestos	Non-Friable
Ceiling	AT-013 - Pinhole swirl pattern	Lay-in ceiling tiles	Surface		С	Υ	250				S	SF	S0014	None	
Wall		Masonry												None	
Structure		Not Insulated												None	
Piping		None Found												None	
Duct	All	Not Insulated												None	
Mechanical Equipment		None Found												None	
Building #: Reassessment Date:2018 Location #: 46	Building Name: Chem 3-04-11	ong Public School Reassessment Surveyor: Location Name: Classroo		ffany Smith Floor: 1		Survey	Date: 2011- Room #: 3				Square	ft: 60	00		
System	Component	Material	Item	Covering	Access	Visible	Condition	, Quant	ity & A	Action			Sample	Hazard	Friability
							Good	Fair		Poor					
Floor		VAT and Mastic Adhesive	Surface	'	Α	Υ	600				S	SF	V0000	None	'
0 31															
Ceiling		Lay-in ceiling tiles	Surface		С	Y	600				S	SF.	V0000	None	
Wall one		Lay-in ceiling tiles  Masonry	Surface		С	Y	600				S	SF	V0000	None	
				Paint	C	Y	600						V0000 V0016		
Wall one		Masonry		Paint										None	
Wall two	All	Masonry  Drywall and joint compound		Paint										None None	
Wall two Structure	All All	Masonry  Drywall and joint compound  Not Insulated		Paint										None None	

Note: Floor installed 2016. New ceiling installed in 2016.



Building #: Reassessment Date:2	Building Name: Cher 018-04-11	nong Public School Reassessment Surveyor:	-	iffany Smith		Survey	Date: 2	2011-	02-01						
Location #: 47		Location Name: Library Room		Floor: 1			Room	#: 3	08		Squar	e ft: 1	1500		
System	Component	Material	Item	Covering	Access	Visible	Cond	ition,	Quantity &	& Action		Units	Sample	Hazard	Friability
							Good		Fair	Poor	•				
Floor		VAT and Mastic Adhesive			Α	Υ	1500					SF		None	
Ceiling	AT-011 - Ridges and pinhole (Dated 1998)	Lay-in ceiling tiles	Surface		С	Y	1500					SF	V0013	None	
Wall one		Concrete(poured)												None	
Wall two		Drywall and joint compound	Surface	Paint	А	Y	500	(7)				SF	S0029	Confirmed Asbestos	Non-Friable
Structure		Not Insulated												None	
Piping	All	Fibreglass												None	
Piping	Rain Water Leader	Transite	Straight		С	N	60	(7)				LF	V9000	Confirmed Asbestos	Non-Friable
Duct	All	Not Insulated												None	

Note: Transite RWL runs above uninsulated duct work on back side of Library above door out to main corridor.

None Found

Mechanical Equipment

None

Building #: Reassessment Date:201	Building Name: Cher 18-04-11	nong Public School Reassessment Surveyor:	•	Tiffany Smith		Survey	Date: 2	011-0	02-01					
Location #: 48		Location Name: Audio -		Floor: 1			Room	#: 30	08A		Square ft: 2	200		
System	Component	Material	Item	Covering	Access	Visible	Condi	ition,	Quantity &	Action	Units	Sample	Hazard	Friability
							Good		Fair	Poor				
Floor		VAT and Mastic Adhesive	Surface		А	Υ	200	(7)			SF	V0009	Confirmed Asbestos	Non-Friable
Ceiling	AT-011 - Ridges and pinhole (Dated 1998)	Lay-in ceiling tiles	Surface		С	Υ	200				SF	V0013	None	
Wall one		Masonry											None	
Wall two		Drywall and joint compound	Surface		Α	Υ	100				SF	V0016	None	
Structure		Not Insulated											None	
Piping	All	Fibreglass											None	
Duct	All	Not Insulated											None	
Mechanical Equipment		None Found											None	



Building #: Reassessment Date:201	Building Name: Cher 18-04-11	nong Public School Reassessment Surveyor:	•	Fiffany Smith r		Survey	Date:	2011-	02-01					
Location #: 49		Location Name: Work R		Floor: 1			Roon	n #: 3	08B		Square ft: 2	200		
System	Component	Material	Item	Covering	Access	Visible	Cond	lition,	Quantity &	Action	Units	Sample	Hazard	Friability
							Good	i	Fair	Poor				
Floor		VAT and Mastic Adhesive	Surface		A	Υ	200	(7)			SF	V0009	Confirmed Asbestos	Non-Friable
Ceiling	AT-011 - Ridges and pinhole (Dated 1998)	Lay-in ceiling tiles	Surface		С	Υ	200				SF	V0013	None	
Wall one		Masonry											None	
Wall two		Drywall and joint compound	Surface		Α	Υ	100				SF	V0016	None	
Structure		Not Insulated											None	
Piping	All	Fibreglass											None	
Duct	All	Not Insulated											None	
Mechanical Equipment		None Found											None	
														_

# Hazardous Materials Inventory System Client: Building Number(s): All Data Report

Building #:	Building Name: Cher	O	•	iffany Smith		Survey	Date: 2	2011-	02-01					
Reassessment Date: 20 Location #: 50	18-04-11	Reassessment Surveyor: Location Name: Guidano		r Floor: 1			Roon	n #: G	D1		Square ft: 2	275		
System	Component	Material	Item	Covering	Access	Visible	Cond	lition,	Quantity &	& Action	Units	Sample	Hazard	Friability
							Good	l	Fair	Poor				
Floor		VAT and Mastic Adhesive	Surface		Α	Υ	275	(7)			SF	V0009	Confirmed Asbestos	Non-Friable
Ceiling	AT-011 - Ridges and pinhole (Dated 1998)	Lay-in ceiling tiles	Surface		С	Υ	275				SF	V0013	None	
Wall one		Concrete(poured)											None	
Wall two		Drywall and joint compound	Surface		Α	Υ	100				SF	V0016	None	
Structure		Not Insulated											None	
Piping	All	Fibreglass											None	
Duct	All	Not Insulated											None	
Mechanical Equipment		None Found											None	

Building #: Reassessment Date:2018	Building Name: Cheme 8-04-11	ong Public School Reassessment Surveyor:	Surveyor: Tit Adam Heizer	ffany Smith		Survey	Date: 2	011-0	02-01						
Location #: 51		<b>Location Name: Counsel</b>		Floor: 1			Room	#: G	D2		Square	ft: 2	75		
System	Component	Material	Item	Covering	Access	Visible	Condi	ition,	Quantity &	& Action	U	nits	Sample	Hazard	Friability
							Good		Fair	Poor					
Floor		VAT and Mastic Adhesive	Surface		Α	Y	275	(7)			S	=	V0009	Confirmed Asbestos	Non-Friable
Ceiling two		Drywall and joint compound	Surface	Paint	А	Υ	80				S	=	V0016	None	
Ceiling	AT-011 - Ridges and pinhole (Dated 1998)	Lay-in ceiling tiles	Surface		С	Y	275				S	=	V0013	None	
Wall		Drywall and joint compound			А	Υ	100				S	=	V0016	None	
Wall		Concrete(poured)												None	
Structure		Not Insulated												None	
Piping	All	Fibreglass												None	
Duct	All	Not Insulated												None	
Mechanical Equipment		None Found												None	

Note: Sensory Deprivation Room

59723

Building #: Reassessment Date:20	Ü	emong Public School Reassessment Surveyor:	•	Ciffany Smith		Survey	Date: 2011	-02-01					
Location #: 52	10 04 11	Location Name: Classroo		Floor: 1			Room #: 3	301		Square ft: 7	700		
System	Component	Material	Item	Covering	Access	Visible	Condition	, Quantity	& Action	Units	Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		VAT and Mastic Adhesive	Surface		Α	Υ	700			SF	V0000	None	
Ceiling		Lay-in ceiling tiles	Surface		С	Υ	700			SF	V0000	None	
Wall one		Masonry										None	
Wall two		Drywall and joint compound	Surface		Α	Υ	600			SF	V0016	None	
Structure		Not Insulated										None	
Piping	All	Fibreglass										None	
Duct	All	Not Insulated										None	
Mechanical Equipment		None Found										None	

Note: Floor installed 2016. New drywall walls and ceiling installed in 2016.

Building #: Reassessment Date:201	Building Name: Che 8-04-11	mong Public School Reassessment Surveyor:	Surveyor: Ti Adam Heizer	-		Survey	Date: 2	2011-0	2-01					
Location #: 53		<b>Location Name: Classroo</b>	om	Floor: 1			Room	ı #: 30	2		Square ft:	900		
System	Component	Material	Item	Covering	Access	Visible	Cond	ition, (	Quantity &	Action	Unit	Sample	Hazard	Friability
							Good		Fair	Poor				
Floor		VAT and Mastic Adhesive	Surface		Α	Υ	900				SF	V0000	None	
Ceiling		Lay-in ceiling tiles	Surface		С	Υ	900				SF	V0000	None	
Wall two		Masonry											None	
Wall three		Drywall and joint compound	Surface	Paint	А	Υ	20				SF	V0016	None	
Structure		Not Insulated											None	
Piping	All	Fibreglass											None	
Piping two	Rain Water Leader	Transite	Straight		С	Υ	4	(7)			LF	V9000	Confirmed Asbestos	Non-Friable
Duct	All	Not Insulated											None	
Mechanical Equipment		None Found											None	

Note: New drywall walls and ceiling installed in 2016.

59723

**Date:** 31/05/18 18:31:56

Site:

Building #:	<b>Building Name: Ch</b>	emong Public School	Surveyor: T	iffany Smith		Survey	Date: 2011	-02-01					
Reassessment Date: 20	18-04-11	Reassessment Surveyor:					Doom #4.2	202		Canana ft. (	000		
Location #: 54 System	Component	Location Name: Classroo  Material	Item	Floor: 1 Covering	Access	Visible	Room #: 3	, Quantity &	& Action	Square ft: 9	Sample	Hazard	Friability
System	Component	Matthai	Item	Covering	Access	Visible	Good	Fair Fair	Poor		Sample	Hazaru	riability
Floor		VAT and Mastic Adhesive			Α	Υ	900		•	SF	V0000	None	
Ceiling		Lay-in ceiling tiles	Surface		С	Υ	900			SF	V0000	None	
Wall one		Drywall and joint compound	Surface		Α	Y	20			SF	V0016	None	
Wall two		Masonry										None	
Structure		Not Insulated										None	
Piping	All	Fibreglass										None	
Duct	All	Not Insulated										None	
Mechanical Equipment		None Found										None	

Note: New floor and ceiling installed in 2016.

**Date:** 31/05/18 18:31:56

Building #: Reassessment Date:2	O	Chemong Public School Reassessment Surveyor:	•	Tiffany Smith er		Survey	Date: 2011	-02-01						
Location #: 55		Location Name: Classro		Floor: 1			Room #: 3	304			Square ft:	900		
System	Component	Material	Item	Covering	Access	Visible	Condition	, Quantit	ty & A	ction	Unit	Sample	Hazard	Friability
							Good	Fair		Poor				
Floor		VAT and Mastic Adhesive			А	Υ	900				SF	V0000	None	
Ceiling		Lay-in ceiling tiles	Surface		С	Υ	900				SF	V0000	None	
Wall one		Drywall and joint compound	Surface	Paint	А	Υ	20				SF	V0016	None	
Wall three		Masonry											None	
Structure		Not Insulated											None	
Piping	All	Fibreglass											None	
Duct	All	Not Insulated											None	
Mechanical Equipment		None Found											None	

Note: New floor and ceiling installed in 2016.



All	Data	Report
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Building #: Reassessment Date:201	Building Name: Chen 8-04-11	nong Public School Reassessment Surveyor:		Fiffany Smith		Survey	Date:	2011-	02-01							
Location #: 56		<b>Location Name: Work R</b>	Room	Floor: 1			Roon	n #: 3	804A			Squar	re ft: 4	00		
System	Component	Material	Item	Covering	Access	Visible	Cond	dition	, Quanti	ity &	Action		Units	Sample	Hazard	Friability
							Good	d	Fair		Poor					
Floor	Radiator	VAT and Mastic Adhesive	Surface		А	Υ	400	(7)					SF	V0009	Confirmed Asbestos	Non-Friable
Ceiling	AT-011 - Ridges and pinhole (Dated 1998)	Lay-in ceiling tiles	Surface		С	Y	400						SF	V0013	None	
Wall		Masonry													None	
Wall two		Drywall and joint compound	l		А	Υ	40						SF	V0016	None	
Structure		Not Insulated													None	
Piping	All	Fibreglass													None	
Duct	All	Not Insulated													None	
Mechanical Equipment		None Found													None	
Other		Transite	Surface	Steel	D	Y	100	(7)					SF	V0020	Confirmed Asbestos	Non-Friable

Note: Transite behind radiator.

Building #: Reassessment Date:201	Building Name: Chemo	ong Public School Reassessment Surveyor:	Surveyor: Ti Adam Heizer	•		Survey	Date: 20	011-0	2-01							
Location #: 57		Location Name: Music R		Floor: 1			Room	#: M	305			Squa	re ft: 1	1000		
System	Component	Material	Item	Covering	Access	Visible	Condi	tion,	Quanti	ty & A	Action		Units	Sample	Hazard	Friability
							Good		Fair		Poor	•				
Floor		VAT and Mastic Adhesive	Surface		А	Υ	1000	(7)					SF	V0009	Confirmed Asbestos	Non-Friable
Ceiling		Drywall and joint compound	Surface	Paint	С	Υ	1000						SF	V0016	None	
Wall three	AT-005 - Large widthwise fissure & large pinhole	Lay-in ceiling tiles	Surface		С	Υ	120						SF	V0008	None	
Wall two		Drywall and joint compound	Surface	Paint	С	Υ	600						SF	V0016	None	
Wall one		Concrete(poured)													None	
Structure	Not Accessible	N/A													None	
Piping		Not Insulated													None	
Duct		None Found													None	
Mechanical Equipment		None Found													None	

Note: W3 is for acoustics.



Building #: Reassessment Date:2018	Building Name: Chemo	ng Public School Reassessment Surveyor: A	Surveyor: Tif Adam Heizer	fany Smith		Survey	Date: 20	011-0	2-01					
Location #: 58		<b>Location Name: Practice</b>	Room	Floor: 1			Room	#: M	305A		Square ft	150		
System	Component	Material	Item	Covering	Access	Visible	Condi	tion, (	Quantity	& Action	Un	ts Sample	Hazard	Friability
							Good		Fair	Poor				
Floor		VAT and Mastic Adhesive	Surface		Α	Y	150	(7)			SF	V0009	Confirmed Asbestos	Non-Friable
Ceiling		Drywall and joint compound	Surface	Paint	С	Υ	150				SF	V0016	None	
Wall one		Concrete(poured)											None	
Wall two		Drywall and joint compound	Surface		Α	Υ	100				SF	V0016	None	
Structure	Not Accessible	N/A											None	
Piping		None Found											None	
Duct		None Found											None	
Mechanical Equipment		None Found											None	

Building #: Reassessment Date:201	Building Name: Chemo 8-04-11	ong Public School Reassessment Surveyor:	Surveyor: Ti Adam Heizer	ffany Smith		Survey	Date: 2	011-0	2-01							
Location #: 59		<b>Location Name: Practice</b>	Room	Floor: 1			Room	#: M	305B			Square	e ft: 1	50		
System	Component	Material	Item	Covering	Access	Visible	Condi	ition,	Quantity	y & Ac	tion		Units	Sample	Hazard	Friability
							Good		Fair		Poor					
Floor		VAT and Mastic Adhesive	Surface		Α	Y	150	(7)				;	SF	V0009	Confirmed Asbestos	Non-Friable
Ceiling		Drywall and joint compound	Surface	Paint	С	Υ	150					;	SF	V0016	None	
Wall one		Masonry													None	
Wall two		Drywall and joint compound	Surface		Α	Υ	100					;	SF	V0016	None	
Structure	Not Accessible	N/A													None	
Piping		None Found													None	
Duct		None Found					·								None	
Mechanical Equipment		None Found													None	

59723

**Date:** 31/05/18 18:31:56



Building #: Reassessment Date:20	U	emong Public School Reassessment Surveyor:	Surveyor: Ti Adam Heizer	•		Survey	Date: 20	011-0	2-01					
Location #: 60		<b>Location Name: Storage</b>		Floor: 1			Room	#: S3	}		Square ft: 1	100		
System	Component	Material	Item	Covering	Access	Visible	Condi	tion, (	Quantity	& Action	Units	Sample	Hazard	Friability
							Good		Fair	Poor	•			
Floor		VAT and Mastic Adhesive	Surface		А	Y	100	(7)			SF	V0009	Confirmed Asbestos	Non-Friable
Ceiling		None Found											None	
Wall		Concrete(poured)											None	
Wall		Drywall and joint compound	Surface	Paint	С	Υ	100				SF	V0016	None	
Structure		Not Insulated											None	
Piping		None Found											None	
Duct	All	Not Insulated											None	
Mechanical Equipment		None Found											None	

Building #: Reassessment Date:201	Building Name: Chemo	ong Public School Reassessment Surveyor:	-	Tiffany Smith		Survey	Date: 2	2011-	02-01					
Location #: 61	10-04-11	Location Name: Art Room		Floor: 1			Roon	n #: 3	06		Square ft	: 900		
System	Component	Material	Item	Covering	Access	Visible	Cond	lition,	Quantity &	& Action		ts Sample	Hazard	Friability
							Good	i	Fair	Poor				
Floor		VAT and Mastic Adhesive	Surface		A	Y	900	(7)			SF	V0009	Confirmed Asbestos	Non-Friable
Ceiling two	AT-006 - Ridges and bundled pinhole (Dated 2008)	Lay-in ceiling tiles			С	Y	100				SF	V0000	None	
Ceiling one	AT-004 - Thin fissure and pinhole (Dated 2009)	Lay-in ceiling tiles			С	Υ	100				SF	V0000	None	
Ceiling three	AT-011 - Ridges and pinhole (Dated 1998)	Lay-in ceiling tiles			С	Y	700				SF	V0013	None	
Wall two		Drywall and joint compound	Surface	Paint	А	Υ	20				SF	V0016	None	
Wall one		Masonry											None	
Structure		Not Insulated											None	
Piping two	Rain Water Leader	Transite	Straight		С	Y	4	(7)			LF	V9000	Confirmed Asbestos	Non-Friable
Piping	All	Fibreglass											None	
Duct	All	Not Insulated											None	
Mechanical Equipment		None Found											None	
Other	Radiator	Transite	Surface	Steel	D	Υ	100	(7)			SF	V0020	Confirmed Asbestos	Non-Friable

Building #: Reassessment Date:201	Building Name: Chei	mong Public School Reassessment Surveyor	•	Fiffany Smith		Survey	Date:	2011-	02-01							
Location #: 62		Location Name: Work I		Floor: 1			Roor	n #: 3	06A			Squa	are ft: 1	100		
System	Component	Material	Item	Covering	Access	Visible	Cond	lition,	Quanti	ity &	Action		Units	Sample	Hazard	Friability
							Good	ì	Fair		Poor					
Floor		VAT and Mastic Adhesive	Surface		А	Y	100	(7)					SF	V0009	Confirmed Asbestos	Non-Friable
Ceiling	AT-011 - Ridges and pinhole (Dated 1998)	Lay-in ceiling tiles	Surface		С	Y	100						SF	V0013	None	
Wall		Masonry													None	
Structure		Not Insulated													None	
Piping	All	Fibreglass													None	
Piping two		Not Insulated													None	
Duct	All	Not Insulated													None	
Mechanical Equipment		None Found													None	
Other	Radiator	Transite	Surface		D	Υ	40	(7)					SF	V0020	Confirmed	Non-Friable

Note: Transite behind radiator.

Asbestos

Building #: Reassessment Date:201	Building Name: Cher 8-04-11	nong Public School Reassessment Surveyor:	•	iffany Smith		Survey	Date: 2	2011-0	02-01						
Location #: 63		Location Name: Prep R	oom	Floor: 1			Room	n#: 30	07A		Squa	re ft: 2	250		
System	Component	Material	Item	Covering	Access	Visible	Cond	lition,	Quantity &	& Action		Units	Sample	Hazard	Friability
							Good	l	Fair	Poo	r				
Floor		VAT and Mastic Adhesive	Surface		Α	Υ	250	(7)				SF	V0009	Confirmed Asbestos	Non-Friable
Ceiling	AT-011 - Ridges and pinhole (Dated 1998)	Lay-in ceiling tiles	Surface		С	Υ	250					SF	V0013	None	
Wall		Masonry												None	
Structure		Not Insulated												None	
Piping	All	Fibreglass												None	
Duct	All	Not Insulated												None	
Mechanical Equipment		None Found												None	

Building #: Reassessment Date:201	Building Name: Cher	_	•	iffany Smith		Survey	Date: 2	2011-0	02-01					
Location #: 64	10-04-11	Reassessment Surveyor: Location Name: Science		Floor: 1			Roon	n #: 30	07		Square ft: 9	000		
System	Component	Material	Item	Covering	Access	Visible		_	Quantity		Units	Sample	Hazard	Friability
Floor		VAT and Mastic Adhesive	Surface		A	Y	Good 900	(7)	Fair	Poor	SF	V0009	Confirmed Asbestos	Non-Friable
Ceiling	AT-011 - Ridges and pinhole (Dated 1998)	Lay-in ceiling tiles	Surface		С	Υ	900				SF	V0013	None	
Wall		Masonry											None	
Structure		Not Insulated											None	
Piping	All	Fibreglass											None	
Piping		Not Insulated											None	
Duct	All	Not Insulated											None	
Mechanical Equipment		None Found											None	
Other		Transite	Surface	Steel	D	Y	100	(7)			SF	V0020	Confirmed Asbestos	Non-Friable

Building #: Reassessment Date:20	Building Name: Chemo 118-04-11	ong Public School Reassessment Surveyor:	•	iffany Smith		Survey	Date: 2011-	02-01					
Location #: 65		<b>Location Name: Girls W</b>	Floor: 1			Room #: G2			Square ft				
System Component		Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Uni	ts Sample	Hazard	Friability
							Good	Fair	Poor				
Floor		Terrazzo										None	
Ceiling	AT-004 - Thin fissure and pinhole (Dated 2009)	Lay-in ceiling tiles			С	Υ	250			SF	V0000	None	
Wall		Masonry										None	
Structure		Not Insulated										None	
Piping		Not Insulated										None	
Duct	All	Not Insulated										None	
Mechanical Equipment		None Found										None	



**Client:** 

Building #: Reassessment Date:201	Building Name: Chemo 8-04-11	ong Public School Reassessment Surveyor:	Surveyor: Ti Adam Heizer	•		Survey	Date: 20	011-02-	01					
Location #: 66		<b>Location Name: Boys Wa</b>	ashroom	Floor: 1			Room ?	#: B2			Square f	t: 250		
System	Component	Material	Item	Covering	Access	Visible	le Condition, Quantity &		Action	Uı	its Sample	Hazard	Friability	
							Good	]	Fair	Poor				
Floor		Terrazzo											None	
Ceiling	AT-004 - Thin fissure and pinhole (Dated 2009)	Lay-in ceiling tiles			С	Y	250				SF	V0000	None	
Wall		Masonry											None	
Structure		Not Insulated											None	
Piping	All	Fibreglass											None	
Piping		Not Insulated											None	
Duct	All	Not Insulated											None	
Mechanical Equipment		None Found											None	
Other	Radiator	Transite			D	Y	10	(7)			SF	V0020	Confirmed Asbestos	Non-Friable

Note: O - Radiator

Building #: Reassessment Date:	Building Name: Chem 2018-04-11	ng Public School Surveyor: Tiffany Smith Survey Date: 2011-02-01 Reassessment Surveyor: Adam Heizer											
Location #: 67		Location Name: Vestibule		Floor: 1			Room #: 100V2			Square ft:	100		
System	Component	Material	Item	Covering	Access	Visible	Condition, Quantity & Action			Units	ts Sample	Hazard	Friability
							Good	Fair	Poor	•			
Floor		Ceramic Tiles			Α	Y	100			SF		None	
Ceiling	AT-006 - Ridges and bundled pinhole (Dated 2008)	Lay-in ceiling tiles			С	Y	100			SF		None	
Wall		Masonry			Α	Υ						None	
Structure		Not Insulated			D	N						None	
Piping		None Found										None	
Duct		None Found										None	

59723

## Hazardous Materials Inventory System All Data Report

### Legend:

Action					ccess	Cond	lition	Sample Number		
(1	Clean Up of ACM Debris	1 ' '	Precautions for Access Which may Disturb	A	Accessible to all building occupants	Good	No visible damage or deterioration.	S####	Sample collected	
			ACM Debris							
(3	ACM removal	(4)	Precautions for Work Which may Disturb	В	Accessible to maintenance and operations staff	Fair	Minor, repairable damage, cracking or	V####	Material is visually identified to be identical to	
			ACM in Poor Condition		without a ladder		deterioration.		S###	
(5	Proactive ACM removal (Minimum repair	(6)	ACM repair	C	Accessible to maintenance and operations staff	Poor	Irreparable damage or deterioration with	V0000	Known non-asbestos material	
	required for fair condition)				with a ladder. Also rarely entered, locked areas		exposed and missing material			
(7	) Management program and surveillance			D	Not normally accessible or without demolition	NOTE	See report for full definitions of action, access	V9000	Material is visually identified to contain	
						and co	ndition		asbestos	
								V9500	Material is presumed to contain asbestos	
NOTE: Actions in round brackets ( ) are auto-calculated. Actions in square brackets [ ] are manual								Note: P	resumed various materials identified in the	
								report a	re ACM if not sampled.	

Units SF - Square feet LF - Linear feet EA - Each

% - Percentage