



February 26, 2024

Kawartha Pine Ridge District School Board
1994 Fisher Drive
Peterborough, Ontario, K9J 6X6

Re: Hazardous Building Materials Assessment (Pre-Construction)
Hampton Junior Public School, 43 Ormiston Street, Hampton, Ontario
Pinchin File: 335324.001

Kawartha Pine Ridge District School Board (KPRDSB) (Client) retained Pinchin Ltd. (Pinchin) to conduct a hazardous building materials assessment at Hampton Junior Public School located at 43 Ormiston Street, Hampton, Ontario.

Pinchin performed the assessment on January 3, 2024. The assessor was unaccompanied during the assessment. The assessed area was unoccupied at the time of the assessment.

The objective of the assessment was to identify specified hazardous building materials in preparation for building renovations. The proposed work as identified by the Client includes renovations to Classroom 102 (Loc. 7), the Library (Loc. 37), and Work Room (Loc. 38) located beside the Library. The Library (Loc. 37) will be converted into a Kindergarten Room, the Work Room (Loc. 38) will be converted into a Washroom and Classroom 102 (Loc. 7) will be converted into a Library.

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

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

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

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

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



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

1.0 RECOMMENDATIONS

1.1 General

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

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

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

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

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

1.2 Remedial Work

No remedial work is required.

1.3 Building Renovation Work

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

1.3.1 Asbestos

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

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

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



1.3.2 Lead

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

Dispose of painted materials exceeding the criteria for leachable lead as hazardous waste.

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

1.3.3 Silica

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

1.3.4 Mercury

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

2.0 BACKGROUND INFORMATION

2.1 Assessed Area Description Summary

| Description Item | Details |
|---------------------------|---|
| Building Use | Elementary school |
| Floors Above Grade | One – Ground Floor |
| Total Area (square feet) | 1,920 SF |
| Year of Construction | 1955 (Classroom 7) |
| Additions | 1971 (Library and Work Room) |
| Structure | Structural steel, concrete |
| Exterior Cladding | Brick veneer (not part of scope) |
| HVAC | Boiler and hot water heating to radiators |
| Roof | Flat built-up roofing (not part of scope) |
| Flooring | Vinyl tile, carpet, concrete |
| Wall and Ceiling Finishes | Drywall, concrete block |



2.2 Existing Reports

2.2.1 Review of Previous Reports

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

- “Asbestos Assessment, Kawartha Pine Ridge District School Board, 43 Ormiston Street, Hampton, Ontario”, dated January 13, 2011, Pinchin File 59723.
- “Asbestos Assessment, Hampton Jr. Public School, 43 Ormiston Street, Hampton, Ontario”, dated February 24, 2018, Pinchin File 217434.
- “Asbestos-Containing Materials Reassessment, Hampton Junior Public School, 43 Ormiston Street, Hampton, ON”, August 31, 2023, Pinchin File 315813.

3.0 FINDINGS

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

3.1 Asbestos

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

| Sample Number | Material Description | Type of Asbestos | Confirmed Hazard | Total Quantity Present | Notes |
|---------------|---|-------------------------------|------------------|------------------------|--|
| V0003 | 12"x12" Vinyl Floor Tile and mastic (White with gray splotches) | None Detected (Tile) | No | 800 SF | Mastic Presumed to contain Asbestos |
| V0011 | Ceiling tiles (glue-on) AT-02 1' x 1' Uniform pinhole | Chrysotile (tile) | Yes | 800 SF | Mastic Presumed to contain Asbestos |
| V0013 | Parging cement fitting | Chrysotile | Yes | 5 EA | Located in Loc. 37 |
| S0027 ABC | Yellow carpet mastic | None Detected (mastic) | No | 1,000 SF | Located in Loc. 37. See Site Specific Note 1. |
| S0028 ABC | Mastic behind vinyl baseboard | None Detected | No | 125 SF | -- |



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Hampton Junior Public School, 43 Ormiston St, Hampton, ON
Kawartha Pine Ridge District School Board

February 26, 2024
Pinchin File: 335324.001

| Sample Number | Material Description | Type of Asbestos | Confirmed Hazard | Total Quantity Present | Notes |
|------------------|---|--------------------------|------------------|------------------------|----------------------------------|
| S0029 ABC | White paint on block wall | None Detected | No | 1,500 SF | -- |
| S0030 ABC | Beige paint on block wall | None Detected | No | 500 SF | -- |
| S0031 ABC | Grey caulking around windows | None Detected | No | 20 LF | -- |
| S0032 ABC | Black sink mastic | Chrysotile | Yes | 4 SF | Located in Loc. 38 |
| S0033 ABC | Cementitious product on ducts | None Detected | No | 5 SF | Exterior of ducts |
| S0034 ABC | Mastic behind vinyl baseboard | None Detected | No | 100 SF | -- |
| S0035 ABC | Blue paint on block wall | None Detected | No | 1,200 SF | -- |
| S0036 ABC | Grey caulking around windows | None Detected | No | 20 LF | -- |
| V9500 | Ceiling tile mastic | Presumed Asbestos | Yes | 800 SF | Associated with V0011 |
| V9500 | Corkboard and chalk board mastic | Presumed Asbestos | Yes | 140 SF | Assumed to be present |
| V9500 | Floor leveling compound | Presumed Asbestos | Yes | 1,000 SF | |
| V9500 | Mastic under vinyl floor tile | Presumed Asbestos | Yes | 800 SF | |
| V0000 | Ceiling Tiles (lay-in) 2'x4' pinhole and fissure | None | No | 1,120 SF | Date Code 3183B. |
| V0000 | 12"x12" Vinyl Floor Tile and Mastic (white with grey splotches) | None | No | 120 SF | Installed in the Summer of 2014. |

Site Specific Notes:

1. Levelling compound was detected in samples S0027B and C. As per Ontario Regulation 278/05, three samples of this material is required in order to confirmed a definitive negative result. As such, the levelling compound is presumed to contain asbestos in the Library.



General Notes:

1. Materials identified as Sample Number V9500 were either observed to be present or based on the construction of the building/equipment are likely present in concealed locations. These materials have not been sampled and are presumed to contain asbestos based on historical known use of asbestos. Sampling of these materials may be completed prior to disturbance.
2. Materials identified as Sample Number V0000 were determined to be non-asbestos based on the manufacture date and known end of use of asbestos in these products.

3.1.1 Excluded Asbestos Materials

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

- Floor levelling compound
- Electrical components
- Vermiculite
- Adhesives and duct mastics
- Caulking and putties
- Paper products
- Fire resistant doors
- Ropes and gaskets in cast-iron bell and spigot joints
- Sealants on pipe threads

3.2 Lead

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

The following table summarizes the analytical results of paints sampled.

| Sample Number | Material Description | Concentration | Confirmed Hazard | Total Quantity Present | Notes |
|---------------|---------------------------|---------------|------------------|------------------------|---------------------------|
| L0001 | White paint on block wall | 0.12% | Yes | 1,500 SF | See Site Specific Note 1. |



| Sample Number | Material Description | Concentration | Confirmed Hazard | Total Quantity Present | Notes |
|---------------|---------------------------|---------------|------------------|------------------------|---------------------------|
| L0002 | Beige paint on block wall | 0.11% | Yes | 500 SF | See Site Specific Note 1. |
| L0003 | Blue paint on block wall | 0.10% | Yes | 1,470 SF | See Site Specific Note 2. |

Site Specific Notes:

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

3.2.1 Excluded Lead Materials

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

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

3.3 Silica

Crystalline silica is a presumed component of the following materials:

- Poured and pre-cast concrete
- Masonry and mortar
- Drywall
- Ceiling tiles

3.4 Mercury

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

| Sample Number | Material Description | Confirmed Hazard | Total Quantity Present | Notes |
|---------------|----------------------|------------------|------------------------|-------|
| V9000 | Light Fixture | Yes | 82 EA | -- |



General Notes:

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

3.5 Polychlorinated Biphenyls

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

| Sample Number | Material Description | Concentration | Confirmed Hazard | Total Quantity Present | Notes |
|---------------|------------------------------|---------------|------------------|------------------------|-------|
| P0001 | Grey Caulking Around Windows | <0.2mg/kg | No | 20 LF | -- |
| P0002 | Grey Caulking Around Windows | <0.2mg/kg | No | 20 LF | -- |

General Notes:

1. Caulking in the table above is considered a non-PCB solid based on the threshold (50 mg/kg or ppm). The concentration above is significantly below the threshold.

3.5.1 Excluded PCB Materials

PCBs are known to be present in several materials and equipment which were not assessed or sampled. The following materials, where found, should be presumed to contain PCBs until sampling proves otherwise.

- Capacitors within or associated with electrical equipment

3.6 Mould and Water Damage

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

4.0 METHODOLOGY

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

The assessment included limited sampling of wall and ceiling finishes (drywall) at representative areas as permitted by the current building use. Limited destructive testing of flooring was conducted where possible (carpets). Demolition of exterior building finishes, masonry walls (chases, shafts etc.), and structural surrounds was not conducted.



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

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

5.0 REFERENCES

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

1. Asbestos on Construction Projects and in Buildings and Repair Operations, Ontario Regulation 278/05.
2. Designated Substances, Ontario Regulation 490/09.
3. Lead on Construction Projects, Ministry of Labour Guidance Document.
4. The Environmental Abatement Council of Canada (EACC) Lead Guideline for Construction, Renovation, Maintenance or Repair.
5. Ministry of the Environment Regulation, R.R.O. 1990 Reg. 347 as amended.
6. Ministry of the Environment Regulation, R.R.O. 1990 Reg. 362 as amended.
7. Silica on Construction Projects, Ministry of Labour Guidance Document.
8. Alert – Mould in Workplace Buildings, Ontario Ministry of Labour.
9. PCB Regulations, SOR/2008-273, Canadian Environmental Protection Act.
10. Surface Coating Materials Regulations, SOR/2016-193, Canada Consumer Product Safety Act.
11. Consolidated Transportation of Dangerous Goods Regulations, including Amendment SOR/2019-101, Transportation of Dangerous Goods Act.
12. Mould Guidelines for the Canadian Construction Industry, Standard Construction Document CCA 82 – 2004 (Revised 2018), Canadian Construction Association.

6.0 LIMITATIONS

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

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



7.0 CLOSURE

The data presented in the appendices is prepared by Pinchin's Hazardous Materials Inventory System (HMIS). The information contained within this report was current at the time of this report issue, and is provided as a summary; however, HMIS should be accessed for the most current data.

Contact the undersigned should you have any questions.

Sincerely,

Pinchin Ltd.

Prepared by:

Reviewed by:

Nicholas Robinson, Adv. Env. Tech.

Project Technologist
365.822.1361

nrobinson@pinchin.com

Rachel Northey, P. Eng.

Senior Project Manager / Team Leader
705.313.0708

rnorthey@pinchin.com

Reviewed by:

Tanya Stanisic, Hons. B.Sc.

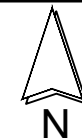
Operations Manager
647.502.6665

tstanisic@pinchin.com

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

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KPRDSB,HamptonJrPS,ClassroomRef,ASB,CONS\Deliverables\HBMA_PreConstruction_2024-01-12_08_20_53.docx
Template: Master Template HBMA PreConstruction, HMIS, HAZ, April 18, 2023

APPENDIX I
Drawings



LEGEND

- 1955 PHASE OF CONSTRUCTION
- 1961 PHASE OF CONSTRUCTION
- 1971 PHASE OF CONSTRUCTION
- (X) PINCHIN LOCATION NUMBER

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

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

BASE PLAN PROVIDED BY CLIENT.



PROJECT NAME:
HAZARDOUS BUILDING MATERIALS ASSESSMENT

CLIENT NAME:
KAWARTHA PINE RIDGE DISTRICT SCHOOL BOARD

PROJECT LOCATION:
**HAMPTON JUNIOR PUBLIC SCHOOL
43 ORMISTON STREET
HAMPTON, ONTARIO**

FIGURE NAME:
CONSTRUCTION PHASE KEY PLAN

PROJECT NUMBER:
335495.001

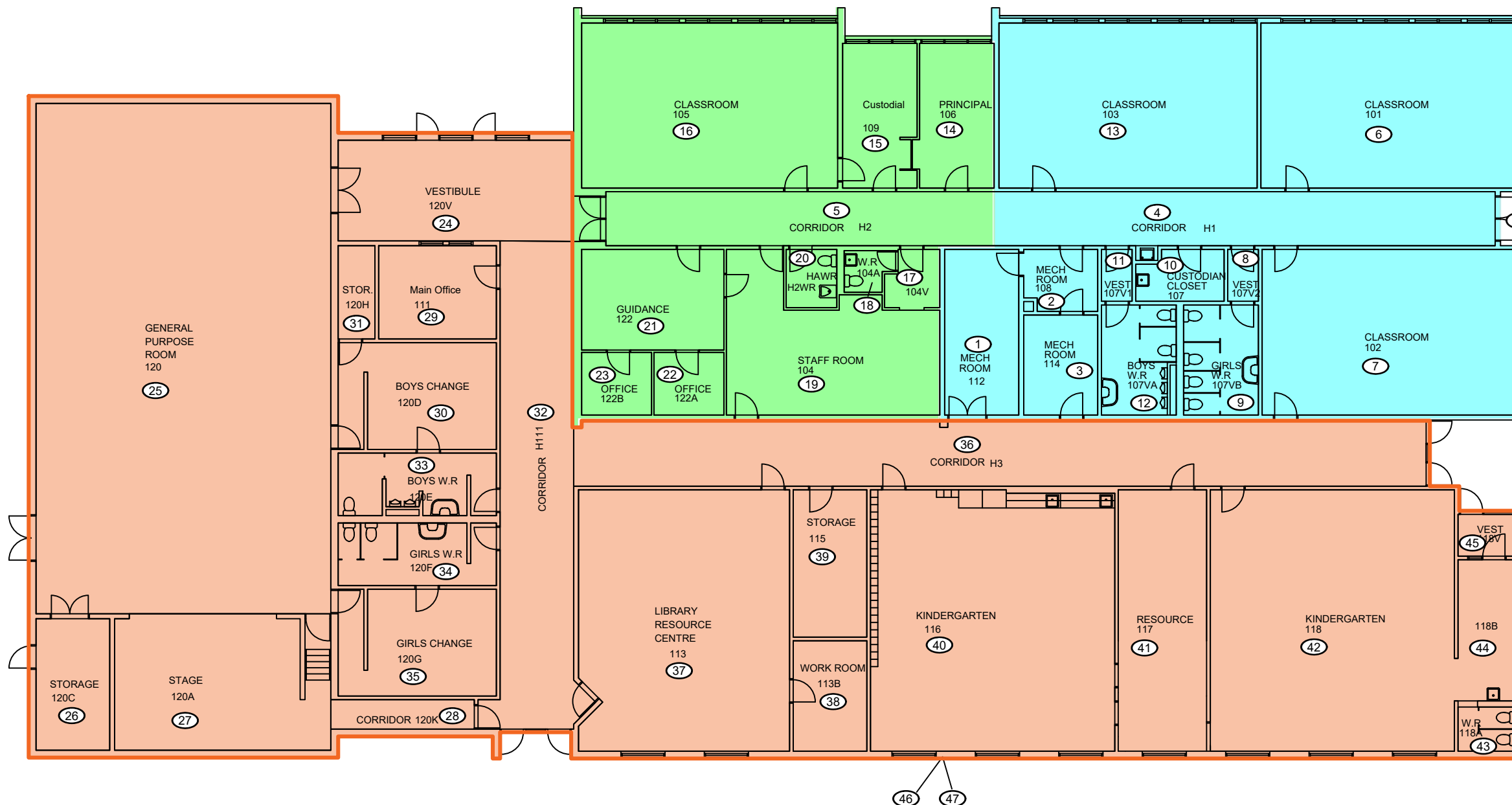
SCALE:
NOT TO SCALE

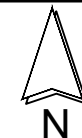
DRAWN BY:
NJ

REVIEWED BY:
NR

DATE:
JANUARY 2024

FIGURE NUMBER:
1 OF 2





LEGEND

- ASSESSED AREA
- OUTSIDE ASSESSMENT SCOPE
- X PINCHIN LOCATION NUMBER
- ⊙ ASBESTOS BULK SAMPLE
- ▲ LEAD BULK SAMPLE
- PCB BULK SAMPLE
- M VERMICULITE DRILLHOLE
- ASBESTOS-CONTAINING MATERIALS:
- SINK MASTIC
- ACOUSTIC CEILING TILES
- MASTIC UNDER VINYL FLOOR TILE
- FLOOR LEVELING COMPOUND

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

- MASTICS

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

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

BASE PLAN PROVIDED BY CLIENT.



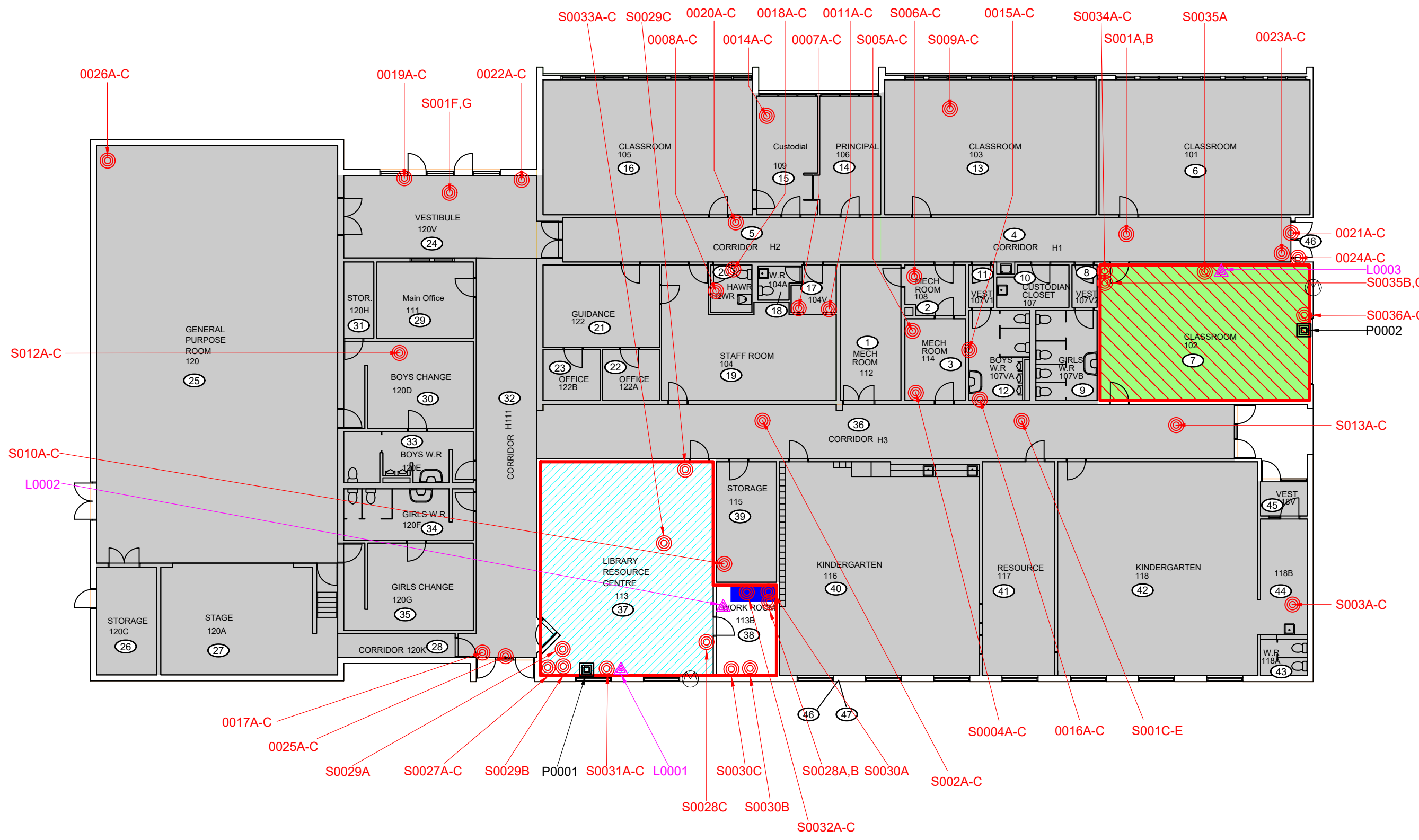
PROJECT NAME:
HAZARDOUS BUILDING MATERIALS ASSESSMENT

CLIENT NAME:
KAWARTHA PINE RIDGE DISTRICT SCHOOL BOARD

PROJECT LOCATION:
**HAMPTON JUNIOR PUBLIC SCHOOL
43 ORMISTON STREET
HAMPTON, ONTARIO**

FIGURE NAME:
**SAMPLE LOCATION PLAN
GROUND FLOOR**

| | |
|-------------------------------|--------------------------|
| PROJECT NUMBER: 335495.001 | SCALE: NOT TO SCALE |
| DRAWN BY: NJ | REVIEWED BY: NR |
| DATE: JANUARY 2024 | FIGURE NUMBER: 2 OF 2 |



APPENDIX II-A
Asbestos Analytical Certificates



Bulk Asbestos Analysis

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



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

Attn: Tiffany Smith

Lab Order ID: 1013338

Analysis ID: 1013338PLM

Date Received: 11/8/2010

Project: KPRDSB - Hampton Jr. Public School

Date Reported: 11/12/2010

| Sample ID | Description | Asbestos | Fibrous Components | Non-Fibrous Components | Attributes |
|---------------|---|---------------|--------------------|------------------------|---------------------------------------|
| Lab Sample ID | Lab Notes | | | | Treatment |
| S001A | Drywall - Corridor H1 | None Detected | | 100% Other | White Non Fibrous Heterogeneous |
| 1013338PLM_1 | | | | | Teased |
| S001B | Drywall - Corridor H1 | None Detected | | 100% Other | White Non Fibrous Heterogeneous |
| 1013338PLM_2 | | | | | Teased |
| S001C | Drywall - Corridor H3 | None Detected | | 100% Other | White Non Fibrous Heterogeneous |
| 1013338PLM_3 | | | | | Teased |
| S001D | Drywall - Corridor H3 | 3% Chrysotile | | 97% Other | White Non Fibrous Heterogeneous |
| 1013338PLM_4 | | | | | Teased |
| S001E | Drywall - Corridor H3 | Not Analyzed | | | |
| 1013338PLM_5 | | | | | |
| S001F | Drywall - Front Entrance | Not Analyzed | | | |
| 1013338PLM_6 | | | | | |
| S001G | Drywall - Front Entrance | Not Analyzed | | | |
| 1013338PLM_7 | | | | | |
| S002A - A | Vinyl floor tile - 12 x 12 Green with brown and white streaks - Corridor H3 | 3% Chrysotile | | 97% Other | Green Non Fibrous Heterogeneous |
| 1013338PLM_8 | tile | | | | Dissolved |

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of 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 0.5%.

Ired Gulley (69)

Analyst

Scientific Analytical Institute, Inc. 302-L Pomona Dr. Greensboro, NC 27407 (336) 292-3888

Nathaniel Durham, MS or Approved Signatory



Bulk Asbestos Analysis

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



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

Attn: Tiffany Smith

Lab Order ID: 1013338

Analysis ID: 1013338PLM

Date Received: 11/8/2010

Project: KPRDSB - Hampton Jr. Public School

Date Reported: 11/12/2010

| Sample ID | Description | Asbestos | Fibrous Components | Non-Fibrous Components | Attributes |
|---------------|--|---------------|--------------------|------------------------|--|
| Lab Sample ID | Lab Notes | | | | Treatment |
| S002A - B | Vinyl floor tile - 12 x 12 Green with brown and white streaks - Corridor H3 | 5% Chrysotile | 5% Cellulose | 90% Other | Black Non Fibrous Heterogeneous |
| 1013338PLM_44 | mastic | | | | Dissolved |
| S002B - A | Vinyl floor tile - 12 x 12 Green with brown and white streaks - Corridor H3 | Not Analyzed | | | |
| 1013338PLM_9 | tile | | | | |
| S002B - B | Vinyl floor tile - 12 x 12 Green with brown and white streaks - Corridor H3 | Not Analyzed | | | |
| 1013338PLM_45 | mastic | | | | |
| S002C - A | Vinyl floor tile - 12 x 12 Green with brown and white streaks - Corridor H3 | Not Analyzed | | | |
| 1013338PLM_10 | tile | | | | |
| S002C - B | Vinyl floor tile - 12 x 12 Green with brown and white streaks - Corridor H3 | Not Analyzed | | | |
| 1013338PLM_46 | mastic | | | | |
| S003A - A | Vinyl floor tile - 12 x 12 White with grey splotches - Room 118B | None Detected | | 100% Other | White Non Fibrous Heterogeneous |
| 1013338PLM_11 | tile | | | | Dissolved |
| S003A - B | Vinyl floor tile - 12 x 12 White with grey splotches - Room 118B | None Detected | 3% Cellulose | 97% Other | Yellow Non Fibrous Heterogeneous |
| 1013338PLM_47 | mastic | | | | Dissolved |
| S003B - A | Vinyl floor tile - 12 x 12 White with grey splotches - Room 118B | None Detected | | 100% Other | White Non Fibrous Heterogeneous |
| 1013338PLM_12 | tile | | | | Dissolved |

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly 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 0.5%.

Ired Gulley (69)

Analyst

Scientific Analytical Institute, Inc. 302-L Pomona Dr. Greensboro, NC 27407 (336) 292-3888

Nathaniel Durham, MS or Approved Signatory



Bulk Asbestos Analysis

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



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

Attn: Tiffany Smith

Lab Order ID: 1013338

Analysis ID: 1013338PLM

Date Received: 11/8/2010

Project: KPRDSB - Hampton Jr. Public School

Date Reported: 11/12/2010

| Sample ID | Description | Asbestos | Fibrous Components | Non-Fibrous Components | Attributes |
|---------------|--|---------------|--------------------|------------------------|---|
| Lab Sample ID | Lab Notes | | | | Treatment |
| S003B - B | Vinyl floor tile - 12 x 12 White with grey splotches - Room 118B | None Detected | 5% Cellulose | 95% Other | Yellow, Black Non Fibrous Heterogeneous |
| 1013338PLM_48 | mastic | | | | Dissolved |
| S003C - A | Vinyl floor tile - 12 x 12 White with grey splotches - Room 118B | None Detected | | 100% Other | White Non Fibrous Heterogeneous |
| 1013338PLM_13 | tile | | | | Dissolved |
| S003C - B | Vinyl floor tile - 12 x 12 White with grey splotches - Room 118B | None Detected | 5% Cellulose | 95% Other | Yellow, Black Non Fibrous Heterogeneous |
| 1013338PLM_49 | mastic | | | | Dissolved |
| S004A - A | Vinyl floor tile - 9 x 9 Grey with white streaks - Mechanical Room 114 | 5% Chrysotile | | 95% Other | Gray Non Fibrous Heterogeneous |
| 1013338PLM_14 | tile | | | | Dissolved |
| S004A - B | Vinyl floor tile - 9 x 9 Grey with white streaks - Mechanical Room 114 | None Detected | 5% Cellulose | 95% Other | Black Non Fibrous Heterogeneous |
| 1013338PLM_50 | mastic | | | | Dissolved |
| S004B | Vinyl floor tile - 9 x 9 Grey with white streaks - Mechanical Room 114 | Not Analyzed | | | |
| 1013338PLM_15 | tile only | | | | |
| S004C | Vinyl floor tile - 9 x 9 Grey with white streaks - Mechanical Room 114 | Not Analyzed | | | |
| 1013338PLM_16 | tile only | | | | |
| S005A - A | Vinyl floor tile - 9 x 9 Red with orange streaks - Mechanical Room 114 | 8% Chrysotile | | 92% Other | Red Non Fibrous Heterogeneous |
| 1013338PLM_17 | tile | | | | Dissolved |

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of 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 0.5%.

Ired Gulley (69)

Analyst

Scientific Analytical Institute, Inc. 302-L Pomona Dr. Greensboro, NC 27407 (336) 292-3888

Nathaniel Durham, MS or Approved Signatory



Bulk Asbestos Analysis

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



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

Attn: Tiffany Smith

Lab Order ID: 1013338

Analysis ID: 1013338PLM

Date Received: 11/8/2010

Project: KPRDSB - Hampton Jr. Public School

Date Reported: 11/12/2010

| Sample ID | Description | Asbestos | Fibrous Components | Non-Fibrous Components | Attributes |
|---------------|--|----------------|--------------------|------------------------|---------------------------------------|
| Lab Sample ID | Lab Notes | | | | Treatment |
| S005A - B | Vinyl floor tile - 9 x 9 Red with orange streaks - Mechanical Room 114 | 8% Chrysotile | | 92% Other | Black Non Fibrous Heterogeneous |
| 1013338PLM_51 | mastic | | | | Dissolved |
| S005B - A | Vinyl floor tile - 9 x 9 Red with orange streaks - Mechanical Room 114 | Not Analyzed | | | |
| 1013338PLM_18 | tile | | | | |
| S005B - B | Vinyl floor tile - 9 x 9 Red with orange streaks - Mechanical Room 114 | Not Analyzed | | | |
| 1013338PLM_52 | mastic | | | | |
| S005C - A | Vinyl floor tile - 9 x 9 Red with orange streaks - Mechanical Room 114 | Not Analyzed | | | |
| 1013338PLM_19 | tile | | | | |
| S005C - B | Vinyl floor tile - 9 x 9 Red with orange streaks - Mechanical Room 114 | Not Analyzed | | | |
| 1013338PLM_53 | mastic | | | | |
| S006A - A | Vinyl floor tile - 9 x 9 Dark grey with black and orange streaks | 8% Chrysotile | | 92% Other | Gray Non Fibrous Heterogeneous |
| 1013338PLM_20 | tile | | | | Dissolved |
| S006A - B | Vinyl floor tile - 9 x 9 Dark grey with black and orange streaks | 10% Chrysotile | | 90% Other | Black Non Fibrous Heterogeneous |
| 1013338PLM_54 | mastic | | | | Dissolved |
| S006B - A | Vinyl floor tile - 9 x 9 Dark grey with black and orange streaks | Not Analyzed | | | |
| 1013338PLM_21 | tile | | | | |

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of 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 0.5%.

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Bulk Asbestos Analysis

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



Customer: Pinchin Environmental Ltd
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Peterborough, ON K9H 7L7

Attn: Tiffany Smith

Lab Order ID: 1013338

Analysis ID: 1013338PLM

Date Received: 11/8/2010

Project: KPRDSB - Hampton Jr. Public School

Date Reported: 11/12/2010

| Sample ID | Description | Asbestos | Fibrous Components | Non-Fibrous Components | Attributes |
|---------------|---|---------------|--------------------|------------------------|---------------------------------------|
| Lab Sample ID | Lab Notes | | | | Treatment |
| S006B - B | Vinyl floor tile - 9 x 9 Dark grey with black and orange streaks | Not Analyzed | | | |
| 1013338PLM_55 | mastic | | | | |
| S006C - A | Vinyl floor tile - 9 x 9 Dark grey with black and orange streaks | Not Analyzed | | | |
| 1013338PLM_22 | tile | | | | |
| S006C - B | Vinyl floor tile - 9 x 9 Dark grey with black and orange streaks | Not Analyzed | | | |
| 1013338PLM_56 | mastic | | | | |
| S007A - A | Vinyl floor tile - 9 x 9 Brown with black and white streaks - Room 104V | 8% Chrysotile | | 92% Other | Brown Non Fibrous Heterogeneous |
| 1013338PLM_23 | tile | | | | |
| S007A - B | Vinyl floor tile - 9 x 9 Brown with black and white streaks - Room 104V | None Detected | 5% Cellulose | 95% Other | Black Non Fibrous Heterogeneous |
| 1013338PLM_57 | mastic, small sample | | | | |
| S007B | Vinyl floor tile - 9 x 9 Brown with black and white streaks - Room 104V | Not Analyzed | | | |
| 1013338PLM_24 | tile only | | | | |
| S007C | Vinyl floor tile - 9 x 9 Brown with black and white streaks - Room 104V | Not Analyzed | | | |
| 1013338PLM_25 | tile only | | | | |
| S008A - A | Vinyl floor tile - 12 x 12 Beige with brown streaks - Room H2WR | None Detected | | 100% Other | Beige Non Fibrous Heterogeneous |
| 1013338PLM_26 | tile | | | | |

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Analyst

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Bulk Asbestos Analysis

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



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

Attn: Tiffany Smith

Lab Order ID: 1013338

Analysis ID: 1013338PLM

Date Received: 11/8/2010

Project: KPRDSB - Hampton Jr. Public School

Date Reported: 11/12/2010

| Sample ID | Description | Asbestos | Fibrous Components | Non-Fibrous Components | Attributes |
|---------------|--|---------------|--------------------|------------------------|---------------------------------------|
| Lab Sample ID | Lab Notes | | | | Treatment |
| S008A - B | Vinyl floor tile - 12 x 12 Beige with brown streaks - Room H2WR | None Detected | 8% Cellulose | 92% Other | Black Non Fibrous Heterogeneous |
| 1013338PLM_58 | mastic | | | | Dissolved |
| S008B - A | Vinyl floor tile - 12 x 12 Beige with brown streaks - Room H2WR | None Detected | | 100% Other | Beige Non Fibrous Heterogeneous |
| 1013338PLM_27 | tile | | | | Dissolved |
| S008B - B | Vinyl floor tile - 12 x 12 Beige with brown streaks - Room H2WR | None Detected | 8% Cellulose | 92% Other | Black Non Fibrous Heterogeneous |
| 1013338PLM_59 | mastic | | | | Dissolved |
| S008C - A | Vinyl floor tile - 12 x 12 Beige with brown streaks - Room H2WR | None Detected | | 100% Other | Beige Non Fibrous Heterogeneous |
| 1013338PLM_28 | tile | | | | Dissolved |
| S008C - B | Vinyl floor tile - 12 x 12 Beige with brown streaks - Room H2WR | None Detected | 8% Cellulose | 92% Other | Black Non Fibrous Heterogeneous |
| 1013338PLM_60 | mastic | | | | Dissolved |
| S009A - A | Vinyl floor tile - 12 x 12 Off white with brown streaks - Room 103 | 3% Chrysotile | | 97% Other | White Non Fibrous Heterogeneous |
| 1013338PLM_29 | tile | | | | Dissolved |
| S009A - B | Vinyl floor tile - 12 x 12 Off white with brown streaks - Room 103 | 8% Chrysotile | 5% Cellulose | 87% Other | Black Non Fibrous Heterogeneous |
| 1013338PLM_61 | mastic | | | | Dissolved |
| S009B - A | Vinyl floor tile - 12 x 12 Off white with brown streaks - Room 103 | Not Analyzed | | | |
| 1013338PLM_30 | tile | | | | |

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Bulk Asbestos Analysis

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



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

Attn: Tiffany Smith

Lab Order ID: 1013338

Analysis ID: 1013338PLM

Date Received: 11/8/2010

Project: KPRDSB - Hampton Jr. Public School

Date Reported: 11/12/2010

| Sample ID | Description | Asbestos | Fibrous Components | Non-Fibrous Components | Attributes |
|---------------|--|---------------|--------------------|------------------------|---------------------------------------|
| Lab Sample ID | Lab Notes | | | | Treatment |
| S009B - B | Vinyl floor tile - 12 x 12 Off white with brown streaks - Room 103 | Not Analyzed | | | |
| 1013338PLM_62 | mastic | | | | |
| S009C - A | Vinyl floor tile - 12 x 12 Off white with brown streaks - Room 103 | Not Analyzed | | | |
| 1013338PLM_31 | tile | | | | |
| S009C - B | Vinyl floor tile - 12 x 12 Off white with brown streaks - Room 103 | Not Analyzed | | | |
| 1013338PLM_63 | mastic | | | | |
| S010A - A | Vinyl floor tile - 12 x 12 Off white with grey streaks - Room 115 | 3% Chrysotile | | 97% Other | White Non Fibrous Heterogeneous |
| 1013338PLM_32 | tile | | | | |
| S010A - B | Vinyl floor tile - 12 x 12 Off white with grey streaks - Room 115 | None Detected | 8% Cellulose | 92% Other | Black Non Fibrous Heterogeneous |
| 1013338PLM_64 | mastic | | | | |
| S010B - A | Vinyl floor tile - 12 x 12 Off white with grey streaks - Room 115 | Not Analyzed | | | |
| 1013338PLM_33 | tile | | | | |
| S010B - B | Vinyl floor tile - 12 x 12 Off white with grey streaks - Room 115 | None Detected | 8% Cellulose | 92% Other | Black Non Fibrous Heterogeneous |
| 1013338PLM_65 | mastic | | | | |
| S010C - A | Vinyl floor tile - 12 x 12 Off white with grey streaks - Room 115 | Not Analyzed | | | |
| 1013338PLM_34 | tile | | | | |

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Bulk Asbestos Analysis

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



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

Attn: Tiffany Smith

Lab Order ID: 1013338

Analysis ID: 1013338PLM

Date Received: 11/8/2010

Project: KPRDSB - Hampton Jr. Public School

Date Reported: 11/12/2010

| Sample ID | Description | Asbestos | Fibrous Components | Non-Fibrous Components | Attributes |
|---------------|---|---------------|--------------------|------------------------|----------------------------------|
| Lab Sample ID | Lab Notes | | | | Treatment |
| S010C - B | Vinyl floor tile - 12 x 12 Off white with grey streaks - Room 115 | None Detected | 8% Cellulose | 92% Other | Black Non Fibrous Heterogeneous |
| 1013338PLM_66 | mastic | | | | Dissolved |
| S011A | AT02 - 1 x 1 Uniform Pinhole - Room 104V | 5% Chrysotile | 80% Fiber Glass | 15% Other | White Fibrous Heterogeneous |
| 1013338PLM_35 | | | | | Teased |
| S011B | AT02 - 1 x 1 Uniform Pinhole - Room 104V | Not Analyzed | | | |
| 1013338PLM_36 | | | | | |
| S011C | AT02 - 1 x 1 Uniform Pinhole - Room 104V | Not Analyzed | | | |
| 1013338PLM_37 | | | | | |
| S012A - A | Vinyl floor tile - 12 x 12 Yellow with white streaks - Room 120D | 3% Chrysotile | | 97% Other | Yellow Non Fibrous Heterogeneous |
| 1013338PLM_38 | tile | | | | Dissolved |
| S012A - B | Vinyl floor tile - 12 x 12 Yellow with white streaks - Room 120D | None Detected | 8% Cellulose | 92% Other | Black Non Fibrous Heterogeneous |
| 1013338PLM_67 | mastic | | | | Dissolved |
| S012B - A | Vinyl floor tile - 12 x 12 Yellow with white streaks - Room 120D | Not Analyzed | | | |
| 1013338PLM_39 | tile | | | | |
| S012B - B | Vinyl floor tile - 12 x 12 Yellow with white streaks - Room 120D | None Detected | 8% Cellulose | 92% Other | Black Non Fibrous Heterogeneous |
| 1013338PLM_68 | mastic | | | | Dissolved |

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Bulk Asbestos Analysis

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



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

Attn: Tiffany Smith

Lab Order ID: 1013338

Analysis ID: 1013338PLM

Date Received: 11/8/2010

Project: KPRDSB - Hampton Jr. Public School

Date Reported: 11/12/2010

| Sample ID | Description | Asbestos | Fibrous Components | Non-Fibrous Components | Attributes |
|---------------|--|-----------------------|--------------------|------------------------|---------------------------------------|
| Lab Sample ID | Lab Notes | | | | Treatment |
| S012C - A | Vinyl floor tile - 12 x 12 Yellow with white streaks - Room 120D | Not Analyzed | | | |
| 1013338PLM_40 | tile | | | | |
| S012C - B | Vinyl floor tile - 12 x 12 Yellow with white streaks - Room 120D | None Detected | 8% Cellulose | 92% Other | Black Non Fibrous Heterogeneous |
| 1013338PLM_69 | mastic | | | | |
| S013A | Parging cement - Corridor H3 | 30% Chrysotile | | 70% Other | Brown Fibrous Heterogeneous |
| 1013338PLM_41 | | | | | |
| S013B | Parging cement - Corridor H3 | Not Analyzed | | | |
| 1013338PLM_42 | | | | | |
| S013C | Parging cement - Corridor H3 | Not Analyzed | | | |
| 1013338PLM_43 | | | | | |

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Analyst

Nathaniel Durham, MS or Approved Signatory

1013338

| | | | |
|------------------------|----------------------------------|---|---|
| Client: | Pinchin Environmental Ltd. | Instructions: Use Column "B" for your contact info | Scientific Analytical Institute, Inc. |
| Contact: | Tiffany Smith | | |
| Address: | 380 Armour Rd., Suite 101 | To See an Example Click the bottom Example Tab. | 302-L Pomona Dr. Greensboro, NC 27407 Phone: 336.292.3888 Fax: 336.292.3313 Email: lab@sallab.com |
| Phone: | (705) 748-4627 | | |
| Fax: | (705) 748-6927 | Enter samples between "<<" and ">>" Begin Samples with a "<<" above the first sample and end with a ">>" below the last sample. Only Enter your data on the first sheet "Sheet1" | |
| Email: | tsmith@pinchin.com | | |
| Project: | KPRDSB - Hampton Jr. Public scho | Note: Data 1 and Data 2 are optional fields that do not show up on the official report, however they will be included in the electronic data returned to you to facilitate your reintegration of the report data. | |
| Client Notes: | Stop on positive | | |
| P.O. #: | 59723 | | |
| Date Submitted: | 11/5/2010 0:00 | | |
| Analysis: | Asbestos analysis | | |
| TurnAroundTime: | 144 Hours | | |

| Sample Number | Data 1 | Sample Description | Data 2 |
|---------------|--------|---|--------|
| << | | | |
| S001A | | Drywall - Corridor H1 | |
| S001B | | Drywall - Corridor H1 | |
| S001C | | Drywall - Corridor H3 | |
| S001D | | Drywall - Corridor H3 | |
| S001E | | Drywall - Corridor H3 | |
| S001F | | Drywall - Front Entrance | |
| S001G | | Drywall - Front Entrance | |
| S002A | | Vinyl floor tile - 12 x 12 Green with brown and white streaks - Corridor H3 | |
| S002B | | Vinyl floor tile - 12 x 12 Green with brown and white streaks - Corridor H3 | |
| S002C | | Vinyl floor tile - 12 x 12 Green with brown and white streaks - Corridor H3 | |
| S003A | | Vinyl floor tile - 12 x 12 White with grey splotches - Room 118B | |
| S003B | | Vinyl floor tile - 12 x 12 White with grey splotches - Room 118B | |
| S003C | | Vinyl floor tile - 12 x 12 White with grey splotches - Room 118B | |
| S004A | | Vinyl floor tile - 9 x 9 Grey with white streaks - Mechanical Room 114 | |
| S004B | | Vinyl floor tile - 9 x 9 Grey with white streaks - Mechanical Room 114 | |
| S004C | | Vinyl floor tile - 9 x 9 Grey with white streaks - Mechanical Room 114 | |
| S005A | | Vinyl floor tile - 9 x 9 Red with orange streaks - Mechanical Room 114 | |
| S005B | | Vinyl floor tile - 9 x 9 Red with orange streaks - Mechanical Room 114 | |

Accepted

Rejected

[Signature] 11-8@930A

1013330

| | |
|-------|---|
| S005C | Vinyl floor tile - 9 x 9 Red with orange streaks - Mechanical Room 114 |
| S006A | Vinyl floor tile - 9 x 9 Dark grey with black and orange streaks |
| S006B | Vinyl floor tile - 9 x 9 Dark grey with black and orange streaks |
| S006C | Vinyl floor tile - 9 x 9 Dark grey with black and orange streaks |
| S007A | Vinyl floor tile - 9 x 9 Brown with black and white streaks - Room 104V |
| S007B | Vinyl floor tile - 9 x 9 Brown with black and white streaks - Room 104V |
| S007C | Vinyl floor tile - 9 x 9 Brown with black and white streaks - Room 104V |
| S008A | Vinyl floor tile - 12 x 12 Beige with brown streaks - Room H2WR |
| S008B | Vinyl floor tile - 12 x 12 Beige with brown streaks - Room H2WR |
| S008C | Vinyl floor tile - 12 x 12 Beige with brown streaks - Room H2WR |
| S009A | Vinyl floor tile - 12 x 12 Off white with brown streaks - Room 103 |
| S009B | Vinyl floor tile - 12 x 12 Off white with brown streaks - Room 103 |
| S009C | Vinyl floor tile - 12 x 12 Off white with brown streaks - Room 103 |
| S010A | Vinyl floor tile - 12 x 12 Off white with grey streaks - Room 115 |
| S010B | Vinyl floor tile - 12 x 12 Off white with grey streaks - Room 115 |
| S010C | Vinyl floor tile - 12 x 12 Off white with grey streaks - Room 115 |
| S011A | AT02 - 1 x 1 Uniform Pinhole - Room 104V |
| S011B | AT02 - 1 x 1 Uniform Pinhole - Room 104V |
| S011C | AT02 - 1 x 1 Uniform Pinhole - Room 104V |
| S012A | Vinyl floor tile - 12 x 12 Yellow with white streaks - Room 120D |
| S012B | Vinyl floor tile - 12 x 12 Yellow with white streaks - Room 120D |
| S012C | Vinyl floor tile - 12 x 12 Yellow with white streaks - Room 120D |
| S013A | Parging cement - Corridor H3 |
| S013B | Parging cement - Corridor H3 |
| S013C | Parging cement - Corridor H3 |

>>



Pinchin Environmental Asbestos Laboratory Certificate of Analysis

| | | | |
|---------------------------|---|-----------------------------|----------------|
| Project Name: | Kawartha Pine Ridge District School Board Hampton Jr. Public School, 43 Ormiston Road, Hampton, ON | | |
| Project No.: | 92826 | | |
| Prepared For: | M. Wilson | Date Received: | March 28, 2014 |
| Lab Reference No.: | b107341 | Date Analyzed: | April 4, 2014 |
| Analyst(s): | A. Di Giulio | # Samples submitted: | 3 |
| | | # Phases analyzed: | 6 |

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

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

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

This report relates only to the items tested.

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



Pinchin Environmental Asbestos Laboratory Certificate of Analysis

Project Name: Kawartha Pine Ridge District School Board
 Hampton Jr. Public School, 43 Ormiston Road, Hampton, ON
Project No.: 92826
Prepared For: M. Wilson

Lab Reference No.: b107341
Date Analyzed: April 4, 2014

BULK SAMPLE ANALYSIS

| SAMPLE IDENTIFICATION | SAMPLE DESCRIPTION | % COMPOSITION (VISUAL ESTIMATE) | |
|---|---|---------------------------------|---------------------------------|
| | | ASBESTOS | OTHER |
| 0008A Light Brown with Beige Streak 12"x12" VCT - Room HAWR, Pinchin Location 20 | 2 Phases: a) Homogeneous, beige, consolidated, vinyl floor tile. | None Detected | Non-Fibrous Material > 75% |
| | b) Homogeneous, black, soft, sticky material on the back of vinyl floor tile. | None Detected | Tar and other non-fibrous > 75% |
| 0008B Light Brown with Beige Streak 12"x12" VCT - Room HAWR, Pinchin Location 20 | 2 Phases: a) Homogeneous, beige, consolidated, vinyl floor tile. | None Detected | Non-Fibrous Material > 75% |
| | b) Homogeneous, black, soft, sticky material on the back of vinyl floor tile. | None Detected | Tar and other non-fibrous > 75% |
| 0008C Light Brown with Beige Streak 12"x12" VCT - Room HAWR, Pinchin Location 20 | 2 Phases: a) Homogeneous, beige, consolidated, vinyl floor tile. | None Detected | Non-Fibrous Material > 75% |
| | b) Homogeneous, black, soft, sticky material on the back of vinyl floor tile. | None Detected | Tar and other non-fibrous > 75% |

ANALYST

A. Di Giulio



Pinchin Environmental Asbestos Laboratory Certificate of Analysis

| | | | |
|---------------------------|--|-----------------------------|--------------------|
| Project Name: | Kawartha Pine Ridge District School Board, Hampton Jr Public School, Peterborough, ON | | |
| Project No.: | 66227 | | |
| Prepared For: | Mike Wilson | Date Received: | May 3, 2011 |
| Lab Reference No.: | b80429 | Date Analyzed: | May 4, 2011 |
| Analyst(s): | B. Gowing | # Samples submitted: | 9 |
| | N. Barinque | # 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 | 0.5% | Manitoba | 0.1% friable 1% non-friable |
| Quebec | 0.1% | Saskatchewan | Unstated, likely 1.0% |
| Alberta, British Columbia, 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 and 200795-0) for selected test methods for the identification of asbestos in bulk samples and meets all requirements of ISO/IEC 17025:2005 and relevant requirements of ISO 9002:1994. This report relates only to the items tested.

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



Pinchin Environmental Asbestos Laboratory Certificate of Analysis

Project Name: Kawartha Pine Ridge District School Board,
Hampton Jr Public School, Peterborough, ON

Project No.: 66227

Prepared For: Mike Wilson

Lab Reference No.: b80429

Date Analyzed: May 4, 2011

BULK SAMPLE ANALYSIS

| SAMPLE IDENTIFICATION | SAMPLE DESCRIPTION | % COMPOSITION (VISUAL ESTIMATE) | | |
|--|---|---------------------------------|--------|----------------------------|
| | | ASBESTOS | | OTHER |
| 0014A Brown Wall Panel - Custodian Room | Homogeneous, beige, hard, cementitious transite material. | Chrysotile | 10-25% | Non-Fibrous Material > 75% |
| 0014B Brown Wall Panel - Custodian Room | | | | Not Analyzed |
| Comments: | Analysis was stopped due to a previous positive result. | | | |
| 0014C Brown Wall Panel - Custodian Room | | | | Not Analyzed |
| Comments: | Analysis was stopped due to a previous positive result. | | | |
| 0015a Blue Wall Panel - Boys Washroom - Room 107 | Homogeneous, green, hard, cementitious transite material. | Chrysotile | 10-25% | Non-Fibrous Material > 75% |
| 0015b Blue Wall Panel - Boys Washroom - Room 107 | | | | Not Analyzed |
| Comments: | Analysis was stopped due to a previous positive result. | | | |
| 0015c Blue Wall Panel - Boys Washroom - Room 107 | | | | Not Analyzed |
| Comments: | Analysis was stopped due to a previous positive result. | | | |
| 0016a Decorative Stone Panel - Boys Washroom - Room 107 | Homogeneous, grey, hard, cementitious transite material. | Chrysotile | 10-25% | Non-Fibrous Material > 75% |

ANALYST






**Pinchin Environmental Asbestos Laboratory
Certificate of Analysis**

Project Name: Kawartha Pine Ridge District School Board,
Hampton Jr Public School, Peterborough, ON

Project No.: 66227

Prepared For: Mike Wilson

Lab Reference No.: b80429

Date Analyzed: May 4, 2011

BULK SAMPLE ANALYSIS

| SAMPLE IDENTIFICATION | SAMPLE DESCRIPTION | % COMPOSITION (VISUAL ESTIMATE) | |
|--|---|---------------------------------|--------------|
| | | ASBESTOS | OTHER |
| 0016b Decorative Stone Panel - Boys Washroom - Room 107 | | | Not Analyzed |
| Comments: | Analysis was stopped due to a previous positive result. | | |
| 0016c Decorative Stone Panel - Boys Washroom - Room 107 | | | Not Analyzed |
| Comments: | Analysis was stopped due to a previous positive result. | | |

ANALYST



Bulk Asbestos Analysis

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



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

Attn: Chris Fennell
Ben Colgan

Lab Order ID: 1715851
Analysis ID: 1715851_PLM
Date Received: 7/25/2017
Date Reported: 7/28/2017

Project: 209198.005,43 Ormiston Street, Hampton ON, Kawartha Pine Ridge District School Board, Hampton Jr. Public School

| Sample ID | Description | Asbestos | Fibrous Components | Non-Fibrous Components | Attributes |
|---------------|--|---------------|--------------------|------------------------|---------------------------------------|
| Lab Sample ID | Lab Notes | | | | Treatment |
| 0017A | Grey caulking - Interior - Main Entrance | None Detected | | 100% Other | Gray Non Fibrous Homogeneous |
| 1715851PLM_1 | Location 24 | | | | Ashed |
| 0017B | Grey caulking - Interior - Main Entrance | None Detected | | 100% Other | Gray Non Fibrous Homogeneous |
| 1715851PLM_2 | Location 24 | | | | Ashed |
| 0017C | Grey caulking - Interior - Main Entrance | None Detected | | 100% Other | Gray Non Fibrous Homogeneous |
| 1715851PLM_3 | Location 24 | | | | Ashed |
| 0018A | 1'x1' ceiling tile adhesive - Location 20 - B/F washroom | None Detected | | 100% Other | Brown Non Fibrous Homogeneous |
| 1715851PLM_4 | Location 20 | | | | Dissolved |
| 0018B | 1'x1' ceiling tile adhesive - Location 20 - B/F washroom | None Detected | | 100% Other | Brown Non Fibrous Homogeneous |
| 1715851PLM_5 | Location 20 | | | | Dissolved |
| 0018C | 1'x1' ceiling tile adhesive - Location 20 - B/F washroom | None Detected | | 100% Other | Brown Non Fibrous Homogeneous |
| 1715851PLM_6 | Location 20 | | | | Dissolved |
| 0019A | White caulking - interior - main entrance | 2% Chrysotile | | 98% Other | White Non Fibrous Heterogeneous |
| 1715851PLM_7 | Location 24 | | | | Crushed |
| 0019B | White caulking - interior - main entrance | Not Analyzed | | | |
| 1715851PLM_8 | Location 24 | | | | |

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommend that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAL. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Analytical uncertainty available upon request. Scientific Analytical Institute participates in the NVLAP Proficiency Testing program. Unless otherwise noted blank sample correction was not performed. Estimated MDL is 0.1%.

Bethany Nichols (24)

Analyst

Approved Signatory



Bulk Asbestos Analysis

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



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

Attn: Chris Fennell
Ben Colgan

Lab Order ID: 1715851
Analysis ID: 1715851_PLM
Date Received: 7/25/2017
Date Reported: 7/28/2017

Project: 209198.005,43 Ormiston Street, Hampton ON, Kawartha Pine Ridge District School Board, Hampton Jr. Public School

| Sample ID | Description | Asbestos | Fibrous Components | Non-Fibrous Components | Attributes |
|---------------|---|-------------------|--------------------|------------------------|--------------------------------|
| Lab Sample ID | Lab Notes | | | | Treatment |
| 0019C | White caulking - interior - main entrance | Not Analyzed | | | |
| 1715851PLM_9 | Location 24 | | | | |
| 0020A | 1961 Phase of Construction - Drywall joint compound - Adjacent to B/F washroom in | None Detected | | 100% Other | White Non Fibrous Homogeneous |
| 1715851PLM_10 | Location 5 | | | | Crushed |
| 0020B | 1961 Phase of Construction - Drywall joint compound - Adjacent to B/F washroom in | None Detected | | 100% Other | White Non Fibrous Homogeneous |
| 1715851PLM_11 | Location 5 | | | | Crushed |
| 0020C | 1961 Phase of Construction - Drywall joint compound - Adjacent to B/F washroom in | None Detected | | 100% Other | White Non Fibrous Homogeneous |
| 1715851PLM_12 | Location 5 | | | | Crushed |
| 0021A | Exterior cement parging - Exit doors at end of Corridor H1 | < 0.5% Chrysotile | | 100% Other | Gray Non Fibrous Heterogeneous |
| 1715851PLM_13 | Location 46 surface contamination | | | | Crushed |
| 0021B | Exterior cement parging - Exit doors at end of Corridor H1 | None Detected | | 100% Other | Gray Non Fibrous Homogeneous |
| 1715851PLM_14 | Location 46 | | | | Crushed |
| 0021C | Exterior cement parging - Exit doors at end of Corridor H1 | None Detected | | 100% Other | Gray Non Fibrous Homogeneous |
| 1715851PLM_15 | Location 46 | | | | Crushed |
| 0022A | Black mastic/caulking above ceiling on brick in main entrance corridor | 5% Chrysotile | 30% Cellulose | 65% Other | Black Fibrous Heterogeneous |
| 1715851PLM_16 | Location 24 | | | | Dissolved, Teased |

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Bethany Nichols (24)

Analyst

Approved Signatory



Bulk Asbestos Analysis

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



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

Attn: Chris Fennell
Ben Colgan

Lab Order ID: 1715851
Analysis ID: 1715851_PLM
Date Received: 7/25/2017
Date Reported: 7/28/2017

Project: 209198.005,43 Ormiston Street, Hampton ON, Kawartha Pine Ridge District School Board, Hampton Jr. Public School

| Sample ID | Description | Asbestos | Fibrous Components | Non-Fibrous Components | Attributes |
|---------------|--|---------------|--------------------|------------------------|-------------------------------------|
| Lab Sample ID | Lab Notes | | | | Treatment |
| 0022B | Black mastic/caulking above ceiling on brick in main entrance corridor | Not Analyzed | | | |
| 1715851PLM_17 | Location 24 | | | | |
| 0022C | Black mastic/caulking above ceiling on brick in main entrance corridor | Not Analyzed | | | |
| 1715851PLM_18 | Location 24 | | | | |
| 0023A | 1955 Phase of Construction - Drywall joint compound - Above exit doors in corridor H | None Detected | | 100% Other | White Non Fibrous Homogeneous |
| 1715851PLM_19 | Location 4 | | | | Crushed |
| 0023B | 1955 Phase of Construction - Drywall joint compound - Above exit doors in corridor H | None Detected | | 100% Other | White Non Fibrous Homogeneous |
| 1715851PLM_20 | Location 4 | | | | Crushed |
| 0023C | 1955 Phase of Construction - Drywall joint compound - Above exit doors in corridor H | None Detected | | 100% Other | White Non Fibrous Homogeneous |
| 1715851PLM_21 | Location 4 | | | | Crushed |
| 0024A | Exterior Brown caulking at main entrance | None Detected | | 100% Other | Brown Non Fibrous Homogeneous |
| 1715851PLM_22 | Location 46 | | | | Ashed |
| 0024B | Exterior Brown caulking at main entrance | None Detected | | 100% Other | Brown Non Fibrous Homogeneous |
| 1715851PLM_23 | Location 46 | | | | Ashed |
| 0024C | Exterior Brown caulking at main entrance | None Detected | | 100% Other | Brown Non Fibrous Homogeneous |
| 1715851PLM_24 | Location 46 | | | | Ashed |

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Bethany Nichols (24)

Analyst

Approved Signatory

1715851

Version 1-15-2012

Client: Pinchin Ltd.
Contact: Chris Fennell
 204-160 Charlotte St.
Address: Perborough, ON
Phone: 705-748-4627
Fax: 705-748-6927
Email: cfennell@pinchin.com
 bcolgan@pinchin.com
 209198.005,43 Ormiston Street,
 Hampton ON, Kawartha Pine Ridge
 District School Board, Hampton Jr.
Project: Public School
Client Notes:
P.O. #. 209198.005
Date Submitted: July 24, 2017
Analysis: PLM - Stop Positive
TurnAroundTime: 4days

***Instructions:**
 Use Column "B" for your contact info

To See an Example Click the
 bottom Example Tab.

Enter samples between "<<" and ">>"

**Begin Samples with a "<<" above the first sample
 and end with a ">>" below the last sample.
 Only Enter your data on the first sheet "Sheet1"**

Note: Data 1 and Data 2 are optional
 fields that do not show up on the official
 report, however they will be included
 in the electronic data returned to you
 to facilitate your reintegration of the report data.

Invoice to:
 cfennell@pinchin.com
 Email address here



**Scientific
 Analytical
 Institute**

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

| Sample Number | Data 1 (Lab use only) | Sample Description | Data 2 (Lab use only) |
|---------------|-----------------------|--------------------|-----------------------|
|---------------|-----------------------|--------------------|-----------------------|

| | | | |
|-------|--|--|--|
| << | | | |
| 0017A | | Grey caulking - Interior - Main Entrance | |
| 0017B | | Grey caulking - Interior - Main Entrance | |
| 0017C | | Grey caulking - Interior - Main Entrance | |
| 0018A | | 1'x1' ceiling tile adhesive - Location 20 - B/F washroom | |
| 0018B | | 1'x1' ceiling tile adhesive - Location 20 - B/F washroom | |
| 0018C | | 1'x1' ceiling tile adhesive - Location 20 - B/F washroom | |
| 0019A | | White caulking - interior - main entrance | |
| 0019B | | White caulking - interior - main entrance | |
| 0019C | | White caulking - interior - main entrance | |
| 0020A | | 1961 Phase of Construction - Drywall joint compound - Adjacent to B/F washroom in corridor | |
| 0020B | | 1961 Phase of Construction - Drywall joint compound - Adjacent to B/F washroom in corridor | |
| 0020C | | 1961 Phase of Construction - Drywall joint compound - Adjacent to B/F washroom in corridor | |

Accepted *W. Baum*
Rejected *7/25 10:30AM*

175851

| | |
|-------|---|
| 0021A | Exterior cement parging - Exit doors at end of Corridor H1 |
| 0021B | Exterior cement parging - Exit doors at end of Corridor H1 |
| 0021C | Exterior cement parging - Exit doors at end of Corridor H1 |
| 0022A | Black mastic/caulking above ceiling on brick in main entrance corridor |
| 0022B | Black mastic/caulking above ceiling on brick in main entrance corridor |
| 0022C | Black mastic/caulking above ceiling on brick in main entrance corridor |
| 0023A | 1955 Phase of Construction - Drywall joint compound - Above exit doors in corridor H1 |
| 0023B | 1955 Phase of Construction - Drywall joint compound - Above exit doors in corridor H1 |
| 0023C | 1955 Phase of Construction - Drywall joint compound - Above exit doors in corridor H1 |
| 0024A | Exterior Brown caulking at main entrance |
| 0024B | Exterior Brown caulking at main entrance |
| 0024C | Exterior Brown caulking at main entrance |

>>



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

| | | | |
|---------------------------|--|-----------------------------|--------------------|
| Project Name: | Kawartha Pine Ridge District School Board, Hampton Jr Public School, 43 Ormiston St, Hampton, L1C 3K2, ON | | |
| Project No.: | 0209198.005 | | |
| Prepared For: | G. Gigliotti / C. Fennell | Date Received: | September 5, 2017 |
| Lab Reference No.: | b176262 Revised | Date Analyzed: | September 12, 2017 |
| Analyst(s): | L. DeCurtis | # 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.

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

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

Pinchin Ltd. is accredited by the National Institute of Standards and Technology, National Voluntary Laboratory Accreditation Program (NVLAP Lab Code 101270-0) for the 'EPA-600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples,' and the 'EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials'; and meets all requirements of ISO/IEC 17025:2005.

This report relates only to the items tested.

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

Project Name: Kawartha Pine Ridge District School Board,
Hampton Jr Public School, 43 Ormiston St, Hampton, L1C 3K2, ON

Project No.: 0209198.005

Prepared For: G. Gigliotti / C. Fennell

Lab Reference No.: b176262 Revised

Date Analyzed: September 12, 2017

BULK SAMPLE ANALYSIS

| SAMPLE IDENTIFICATION | SAMPLE DESCRIPTION | % COMPOSITION (VISUAL ESTIMATE) | |
|---|--|---------------------------------|------------------|
| | | ASBESTOS | OTHER |
| 0025A Aircell - Pipe Insulation - Corridor H1 - Bulk Head NE Entrance. | Homogeneous, grey, layered, corrugated paper. | Chrysotile 50-75% | Cellulose 25-50% |
| Comments: | This sample is large in size. A representative portion was taken and analyzed. | | |
| 0025B Aircell - Pipe Insulation - Corridor H1 - Bulk Head NE Entrance. | | | Not Analyzed |
| Comments: | Analysis was stopped due to a previous positive result. | | |
| 0025C Aircell - Pipe Insulation - Corridor H1 - Bulk Head NE Entrance. | | | Not Analyzed |
| Comments: | Analysis was stopped due to a previous positive result. | | |

Reviewed by:

Reporting Analyst:



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

Special Instructions:

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

| | | | |
|--|---|------------------|--------------------------------------|
| Client Name: | Kawartha Pine Ridge District School Board | Project Address: | 43 Ormiston St, Hampton, L1C3K2, ON. |
| Portfolio/Building No: | Hampton Jr Public School | Pinchin File: | 209198.005 |
| Submitted by: | Giuseppe Gigliotti | Email: | ggigliotti@pinchin.com |
| CC Results to: | Chris Fennell | CC Email: | cfennell@pinchin.com |
| Invoice to: | Chris Fennell | Invoice Email: | cfennell@pinchin.com |
| Date Submitted: | September 1 2017 | Required by: | September Day Year |
| # of Samples: | 3 | Priority: | Selected Regular |
| Year of Building Construction (Mandatory Field): | 1970 | | |
| Do NOT Stop on Positive (Sample Numbers): | | | |
| Pinchin Group Company (Mandatory Field): | Pinchin | | |

To be Completed by Lab Personnel Only:

| | | | | | |
|------------------------|----------------|-------|---------------|-----|------|
| Lab Reference #: | D176262 | Time: | 24 hour clock | | |
| Received by: | SEP 05 2017 JK | Date: | Month | Day | Year |
| Name(s) of Analyst(s): | JK 17/9/17 | | | | |

| Sample Prefix | Sample No. | Sample Suffix | Sample Description/Location (Mandatory) |
|---------------|------------|---------------|--|
| | 0001 | A | Aircell - Pipe Insulation - Corridor H1 - Bulk Head NE Entrance. CH 50-7570 |
| | 0001 | B | Aircell - Pipe Insulation - Corridor H1 - Bulk Head NE Entrance. NA |
| | 0001 | C | Aircell - Pipe Insulation - Corridor H1 - Bulk Head NE Entrance. NA |



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

| | | | |
|---------------------------|---|-----------------------------|-------------|
| Project Name: | Kawartha Pine Ridge District School Board, Hampton Jr Public School, 43 Ormiston Street, Hampton | | |
| Project No.: | 0204834.000 | | |
| Prepared For: | C. Griffith / R. Northey | Date Received: | May 2, 2017 |
| Lab Reference No.: | b169330 Revised | Date Analyzed: | May 9, 2017 |
| Analyst(s): | A. Wells | # Samples submitted: | 3 |
| | | # Phases analyzed: | 3 |

Method of Analysis:

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

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

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

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This report relates only to the items tested.

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

Project Name: Kawartha Pine Ridge District School Board, Hampton Jr Public School,
43 Ormiston Street, Hampton
Project No.: 0204834.000
Prepared For: C. Griffith / R. Northey

Lab Reference No.: b169330 Revised
Date Analyzed: May 9, 2017

BULK SAMPLE ANALYSIS

| SAMPLE IDENTIFICATION | SAMPLE DESCRIPTION | % COMPOSITION (VISUAL ESTIMATE) | |
|--|---|---------------------------------|--|
| | | ASBESTOS | OTHER |
| 0026A Fibrous ceiling board, gymnasium ceiling | Homogeneous, off-white, drywall. | None Detected | Cellulose 0.5-5% Man-made Vitreous 0.5-5% Fibres Non-Fibrous Material > 75% |
| Comments: | Man-made vitreous fibres are present on the surface of this sample. | | |
| 0026B Fibrous ceiling board, gymnasium ceiling | Homogeneous, off-white, drywall. | None Detected | Cellulose 0.5-5% Man-made Vitreous 0.5-5% Fibres Non-Fibrous Material > 75% |
| Comments: | Man-made vitreous fibres are present on the surface of this sample. | | |
| 0026C Fibrous ceiling board, gymnasium ceiling | Homogeneous, off-white, drywall. | None Detected | Cellulose 0.5-5% Man-made Vitreous 0.5-5% Fibres Non-Fibrous Material > 75% |
| Comments: | Man-made vitreous fibres are present on the surface of this sample. | | |

Reviewed by:

Reporting Analyst:



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



Special Instructions:

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

| | | | |
|---|---|-------------------------|---|
| Client Name: | Kawartha Pine Ridge District School Board | Project Address: | Hampton Jr Public School, 43 Ormiston Street, Hampton |
| Portfolio/Building No: | | Pinchin File: | 204834 |
| Submitted by: | Cayli Griffith | Email: | cgriffith@pinchin.com |
| CC Results to: | Rachel Northey | CC Email: | rnorthey@pinchin.com / <i>Mike Wilson</i> |
| Invoice to: | | Invoice Email: | |
| Date Submitted: | April 28 2017 | Required by: | May 8 2017 |
| # of Samples: | 3 | Priority: | 5 Day Turnaround |
| Year of Building Construction (Mandatory Field): | 1955 | | |
| Do NOT Stop on Positive (Sample Numbers): | | | |
| Pinchin Group Company (Mandatory Field): | Pinchin | | |

To be Completed by Lab Personnel Only:

| | | | | | |
|-------------------------------|-------------|--------------|---------------|-----|------|
| Lab Reference #: | 6169330 | Time: | 24 hour clock | | |
| Received by: | <i>AS</i> | Date: | Month | Day | Year |
| Name(s) of Analyst(s): | AW 17 05-09 | | | | |

| Sample Prefix | Sample No. | Sample Suffix | Sample Description/Location (Mandatory) |
|---------------|------------|---------------|--|
| <i>AD</i> | 0017 | A | Fibrous ceiling board, gymnasium ceiling |
| <i>AD</i> | 0017 | B | Fibrous ceiling board, gymnasium ceiling |
| <i>AD</i> | 0017 | C | Fibrous ceiling board, gymnasium ceiling |



Pinchin Ltd. Asbestos Laboratory *Certificate of Analysis*

Project No.: 0335495.001
Prepared For: N. Robinson / R. Northey

Lab Reference No.: b306432
Analyst(s): R. Janssen

Date Received: January 4, 2024 **Samples Submitted:** 30
Date Analyzed: January 8, 2024 **Phases Analyzed:** 36

The Pinchin Ltd. Dartmouth asbestos laboratory is accredited by the National Institute of Standards and Technology, National Voluntary Laboratory Accreditation Program (NVLAP Lab Code 201032-0) for the 'EPA – 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples,' and the 'EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials'; and meets all requirements of ISO/IEC 17025:2017. The Pinchin asbestos laboratory uses the aforementioned methods of analysis.

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

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

This report relates only to the items tested.

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



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project No.: 0335495.001
Prepared For: N. Robinson / R. Northey

Lab Reference No.: b306432
Date Analyzed: January 8, 2024

BULK SAMPLE ANALYSIS

| SAMPLE IDENTIFICATION | SAMPLE DESCRIPTION | % COMPOSITION (VISUAL ESTIMATE) | |
|--|--|---------------------------------|----------------------------|
| | | ASBESTOS | OTHER |
| S0027A Floor, Mastic, Yellow Mastic Beneath Carpet, Loc:37, LIBRARY | Homogeneous, yellow, adhesive material. | None Detected | Non-Fibrous Material > 75% |
| S0027B Floor, Mastic, Yellow Mastic Beneath Carpet, Loc:37, LIBRARY | 2 Phases: a) Homogeneous, yellow, adhesive material. | None Detected | Non-Fibrous Material > 75% |
| | b) Homogeneous, grey, levelling compound. | None Detected | Non-Fibrous Material > 75% |
| S0027C Floor, Mastic, Yellow Mastic Beneath Carpet, Loc:37, LIBRARY | 2 Phases: a) Homogeneous, yellow, adhesive material. | None Detected | Non-Fibrous Material > 75% |
| | b) Homogeneous, grey, levelling compound. | None Detected | Non-Fibrous Material > 75% |
| S0028A Wall, Mastic, Mastic Behind Vinyl Baseboard, Loc:38, Work Room | 2 Phases: a) Homogeneous, dark brown, adhesive material. | None Detected | Non-Fibrous Material > 75% |
| | b) Homogeneous, yellow, adhesive material. | None Detected | Non-Fibrous Material > 75% |
| Comments: | Due to the condition of the sample, the order of phases reported may not reflect the actual order in situ. | | |



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project No.: 0335495.001
Prepared For: N. Robinson / R. Northey

Lab Reference No.: b306432
Date Analyzed: January 8, 2024

BULK SAMPLE ANALYSIS

| SAMPLE IDENTIFICATION | SAMPLE DESCRIPTION | % COMPOSITION (VISUAL ESTIMATE) | |
|--|--|---------------------------------|----------------------------|
| | | ASBESTOS | OTHER |
| S0028B Wall, Mastic, Mastic Behind Vinyl Baseboard, Loc:38, Work Room | a) Homogeneous, dark brown, adhesive material. | None Detected | Non-Fibrous Material > 75% |
| | b) Homogeneous, yellow, adhesive material. | None Detected | Non-Fibrous Material > 75% |
| Comments: | Due to the condition of the sample, the order of phases reported may not reflect the actual order in situ. | | |
| S0028C Wall, Mastic, Mastic Behind Vinyl Baseboard, Loc:37, LIBRARY | a) Homogeneous, dark brown, adhesive material. | None Detected | Non-Fibrous Material > 75% |
| | b) Homogeneous, yellow, adhesive material. | None Detected | Non-Fibrous Material > 75% |
| Comments: | Due to the condition of the sample, the order of phases reported may not reflect the actual order in situ. | | |
| S0029A Wall, Paint, White Paint On Block Wall, Loc:37, LIBRARY | Non-homogeneous, multicoloured, coating material. | None Detected | Non-Fibrous Material > 75% |
| S0029B Wall, Paint, White Paint On Block Wall, Loc:37, LIBRARY | Non-homogeneous, multicoloured, coating material. | None Detected | Non-Fibrous Material > 75% |
| S0029C Wall, Paint, White Paint On Block Wall, Loc:37, LIBRARY | Non-homogeneous, multicoloured, coating material. | None Detected | Non-Fibrous Material > 75% |
| S0030A Wall, Paint, Beige Paint On Block Wall, Loc:38, Work Room | Non-homogeneous, multicoloured, coating material. | None Detected | Non-Fibrous Material > 75% |



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project No.: 0335495.001
Prepared For: N. Robinson / R. Northey

Lab Reference No.: b306432
Date Analyzed: January 8, 2024

BULK SAMPLE ANALYSIS

| SAMPLE IDENTIFICATION | SAMPLE DESCRIPTION | % COMPOSITION (VISUAL ESTIMATE) | |
|---|---|---------------------------------|--|
| | | ASBESTOS | OTHER |
| S0030B Wall, Paint, Beige Paint On Block Wall, Loc:38, Work Room | Non-homogeneous, multicoloured, coating material. | None Detected | Non-Fibrous Material > 75% |
| S0030C Wall, Paint, Beige Paint On Block Wall, Loc:38, Work Room | Non-homogeneous, multicoloured, coating material. | None Detected | Non-Fibrous Material > 75% |
| S0031A Wall, Caulking, Grey Caulking Around Windows, Loc:37, LIBRARY | Homogeneous, grey, caulking material. | None Detected | Non-Fibrous Material > 75% |
| S0031B Wall, Caulking, Grey Caulking Around Windows, Loc:37, LIBRARY | Homogeneous, grey, caulking material. | None Detected | Non-Fibrous Material > 75% |
| S0031C Wall, Caulking, Grey Caulking Around Windows, Loc:37, LIBRARY | Homogeneous, grey, caulking material. | None Detected | Non-Fibrous Material > 75% |
| S0032A Mastic, Mastic On Sink Bottom, Loc:38, Work Room | Homogeneous, black, tar material. | Chrysotile 0.5-5% | Tar and other Non-Fibrous Material > 75% |
| S0032B Mastic, Mastic On Sink Bottom, Loc:38, Work Room | | | Not Analyzed |
| Comments: | Analysis was stopped due to a previous positive result. | | |



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project No.: 0335495.001
Prepared For: N. Robinson / R. Northey

Lab Reference No.: b306432
Date Analyzed: January 8, 2024

BULK SAMPLE ANALYSIS

| SAMPLE IDENTIFICATION | SAMPLE DESCRIPTION | % COMPOSITION (VISUAL ESTIMATE) | |
|--|--|---------------------------------|--|
| | | ASBESTOS | OTHER |
| S0032C Mastic, Mastic On Sink Bottom, Loc:38, Work Room | | | Not Analyzed |
| Comments: | Analysis was stopped due to a previous positive result. | | |
| S0033A Duct, Cement Product, Cementitious Product On Ducts, Loc:37, LIBRARY | Homogeneous, grey, granular, cementitious material. | None Detected | Non-Fibrous Material > 75% |
| S0033B Duct, Cement Product, Cementitious Product On Ducts, Loc:37, LIBRARY | Homogeneous, grey, granular, cementitious material. | None Detected | Non-Fibrous Material > 75% |
| S0033C Duct, Cement Product, Cementitious Product On Ducts, Loc:37, LIBRARY | Homogeneous, grey, granular, cementitious material. | None Detected | Non-Fibrous Material > 75% |
| S0034A Wall, Mastic, Mastic Behind Vinyl Baseboard, Loc:7, CLASSROOM | 2 Phases: a) Homogeneous, black, tar material. b) Homogeneous, off-white, adhesive material. | None Detected None Detected | Tar and other Non-Fibrous Material > 75% Non-Fibrous Material > 75% |
| S0034B Wall, Mastic, Mastic Behind Vinyl Baseboard, Loc:7, CLASSROOM | 2 Phases: a) Homogeneous, black, tar material. b) Homogeneous, off-white, adhesive material. | None Detected None Detected | Tar and other Non-Fibrous Material > 75% Non-Fibrous Material > 75% |



Pinchin Ltd. Asbestos Laboratory Certificate of Analysis

Project No.: 0335495.001
Prepared For: N. Robinson / R. Northey

Lab Reference No.: b306432
Date Analyzed: January 8, 2024

BULK SAMPLE ANALYSIS

| SAMPLE IDENTIFICATION | SAMPLE DESCRIPTION | % COMPOSITION (VISUAL ESTIMATE) | |
|--|---|---------------------------------|--|
| | | ASBESTOS | OTHER |
| S0034C Wall, Mastic, Mastic Behind Vinyl Baseboard, Loc:7, CLASSROOM | a) Homogeneous, black, tar material. | None Detected | Tar and other Non-Fibrous Material > 75% |
| | b) Homogeneous, off-white, adhesive material. | None Detected | Non-Fibrous Material > 75% |
| S0035A Wall, Paint, Blue Paint On Block Wall, Loc:7, CLASSROOM | Non-homogeneous, multicoloured, coating material. | None Detected | Non-Fibrous Material > 75% |
| S0035B Wall, Paint, Blue Paint On Block Wall, Loc:7, CLASSROOM | Non-homogeneous, multicoloured, coating material. | None Detected | Non-Fibrous Material > 75% |
| S0035C Wall, Paint, Blue Paint On Block Wall, Loc:7, CLASSROOM | Non-homogeneous, multicoloured, coating material. | None Detected | Non-Fibrous Material > 75% |
| S0036A Wall, Caulking, Grey Caulking Around Windows, Loc:7, CLASSROOM | Homogeneous, grey, caulking material. | None Detected | Non-Fibrous Material > 75% |
| S0036B Wall, Caulking, Grey Caulking Around Windows, Loc:7, CLASSROOM | Homogeneous, grey, caulking material. | None Detected | Non-Fibrous Material > 75% |
| S0036C Wall, Caulking, Grey Caulking Around Windows, Loc:7, CLASSROOM | Homogeneous, grey, caulking material. | None Detected | Non-Fibrous Material > 75% |

Reviewed by:

Reporting Analyst:

Analyzed by: BS

Reviewed by: _____

Report Sent by: _____

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

| Client Name: | | Project Address: | ON | |
|--|-----------------------|------------------|---|----------|
| Portfolio/Building No: | | Pinchin File: | 335495.001 | |
| Submitted by: | Nicholas Robinson | Email: | nrobinson@pinchin.com | |
| CC Results to: | Rachel Northey | CC Email: | rnorthey@pinchin.com | |
| Date Submitted: | January 03 2024 | Required by: | January 10 2024 | |
| # of Samples: | 30 | Priority: | 5 Day Turnaround | |
| Year of Building Construction (Mandatory, Years ONLY): | 1955 | | | |
| Do NOT Stop on Positive (Sample Numbers): | | | | |
| Pinchin Group Company (Mandatory Field): | Pinchin | | | |
| HMIS2 Building Reference #: | 128618/20240330335140 | | | |
| To be Completed by Lab Personnel Only: | | | | |
| Lab Reference #: | <u>6306432</u> | Time: | 24 hour clock | |
| Received by: | <u>R. Janssen</u> | Date: | Month | Day Year |
| Name(s) of Analyst(s): | <u>R. Janssen</u> | | | |
| Sample Prefix | Sample No. | Sample Suffix | Sample Description/Location (Mandatory) | |
| S | 0027 | A | Floor, Mastic, Yellow Mastic Beneath Carpet, Loc:37, LIBRARY MD | |
| S | 0027 | B | Floor, Mastic, Yellow Mastic Beneath Carpet, Loc:37, LIBRARY a)MD b)MD | |
| S | 0027 | C | Floor, Mastic, Yellow Mastic Beneath Carpet, Loc:37, LIBRARY a)MD b)MD | |
| S | 0028 | A | Wall, Mastic, Mastic Behind Vinyl Baseboard, Loc:38, Work Room a)MD b)MD | |
| S | 0028 | B | Wall, Mastic, Mastic Behind Vinyl Baseboard, Loc:38, Work Room a)MD b)MD | |
| S | 0028 | C | Wall, Mastic, Mastic Behind Vinyl Baseboard, Loc:37, LIBRARY a)MD b)MD | |
| S | 0029 | A | Wall, Paint, White Paint On Block Wall, Loc:37, LIBRARY MD | |

| Sample Prefix | Sample No. | Sample Suffix | Sample Description/Location (Mandatory) |
|---------------|------------|---------------|---|
| S | 0029 | B | Wall,Paint,White Paint On Block Wall,Loc:37,LIBRARY MD |
| S | 0029 | C | Wall,Paint,White Paint On Block Wall,Loc:37,LIBRARY MD |
| S | 0030 | A | Wall,Paint,Beige Paint On Block Wall,Loc:38,Work Room MD |
| S | 0030 | B | Wall,Paint,Beige Paint On Block Wall,Loc:38,Work Room MD |
| S | 0030 | C | Wall,Paint,Beige Paint On Block Wall,Loc:38,Work Room MD |
| S | 0031 | A | Wall,Caulking,Grey Caulking Around Windows,Loc:37,LIBRARY MD |
| S | 0031 | B | Wall,Caulking,Grey Caulking Around Windows,Loc:37,LIBRARY MD |
| S | 0031 | C | Wall,Caulking,Grey Caulking Around Windows,Loc:37,LIBRARY MD |
| S | 0032 | A | Mastic,Mastic On Sink Bottom,Loc:38,Work Room CH0.5-S |
| S | 0032 | B | Mastic,Mastic On Sink Bottom,Loc:38,Work Room (MA) |
| S | 0032 | C | Mastic,Mastic On Sink Bottom,Loc:38,Work Room (MA) |
| S | 0033 | A | Duct,Cement Product,Cementitious Product On Ducts,Loc:37,LIBRARY MD |
| S | 0033 | B | Duct,Cement Product,Cementitious Product On Ducts,Loc:37,LIBRARY MD |
| S | 0033 | C | Duct,Cement Product,Cementitious Product On Ducts,Loc:37,LIBRARY MD |
| S | 0034 | A | Wall,Mastic,Mastic Behind Vinyl Baseboard,Loc:7,CLASSROOM a)MD b)MD |

| Sample Prefix | Sample No. | Sample Suffix | Sample Description/Location (Mandatory) |
|---------------|------------|---------------|--|
| S | 0034 | B | Wall,Mastic,Mastic Behind Vinyl Baseboard,Loc:7,CLASSROOM a)MD b)MD |
| S | 0034 | C | Wall,Mastic,Mastic Behind Vinyl Baseboard,Loc:7,CLASSROOM a)MD b)MD |
| S | 0035 | A | Wall,Paint,Blue Paint On Block Wall,Loc:7,CLASSROOM MD |
| S | 0035 | B | Wall,Paint,Blue Paint On Block Wall,Loc:7,CLASSROOM MD |
| S | 0035 | C | Wall,Paint,Blue Paint On Block Wall,Loc:7,CLASSROOM MD |
| S | 0036 | A | Wall,Caulking,Grey Caulking Around Windows,Loc:7,CLASSROOM MD |
| S | 0036 | B | Wall,Caulking,Grey Caulking Around Windows,Loc:7,CLASSROOM MD |
| S | 0036 | C | Wall,Caulking,Grey Caulking Around Windows,Loc:7,CLASSROOM MD |

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APPENDIX II-B
Lead Analytical Certificates



Your Project #: 335495.001
Your C.O.C. #: N/A

Attention: Nicholas Robinson

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

Report Date: 2024/01/08
Report #: R7981939
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C402488

Received: 2024/01/04, 09:00

Sample Matrix: Bulk
Samples Received: 3

| Analyses | Quantity | Date Extracted | Date Analyzed | Laboratory Method | Analytical Method |
|-----------------|-----------------|-----------------------|----------------------|--------------------------|--------------------------|
| Metals in Paint | 3 | 2024/01/08 | 2024/01/08 | CAM SOP-00408 | EPA 6010D m |

Remarks:

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

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

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

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

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

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

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

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



Your Project #: 335495.001
Your C.O.C. #: N/A

Attention: Nicholas Robinson

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

Report Date: 2024/01/08
Report #: R7981939
Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C402488
Received: 2024/01/04, 09:00

Encryption Key

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

=====

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

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



ELEMENTS BY ATOMIC SPECTROSCOPY (BULK)

| | | | | | | | | |
|--------------------------|--------------|---|------------|------------|---|------------|------------|-----------------|
| Bureau Veritas ID | | YAJ596 | | | YAJ597 | | | |
| Sampling Date | | | | | | | | |
| | UNITS | L0001,WHITE PAINT ON BLOCK WALL,LOC:37,LIBRARY | RDL | MDL | L0002,BEIGE PAINT ON BLOCK WALL,LOC:38,WORK ROOM | RDL | MDL | QC Batch |

| | | | | | | | | |
|---------------|---|------|---------|----------|------|---------|----------|---------|
| Metals | | | | | | | | |
| Lead (Pb) | % | 0.12 | 0.00021 | 0.000063 | 0.11 | 0.00020 | 0.000060 | 9149091 |

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

| | | | | | | |
|--------------------------|--------------|---|------------|------------|-----------------|--|
| Bureau Veritas ID | | YAJ598 | | | | |
| Sampling Date | | | | | | |
| | UNITS | L0003,BLUE PAINT ON BLOCK WALL,LOC:7,CLASSROOM | RDL | MDL | QC Batch | |

| | | | | | |
|---------------|---|------|---------|----------|---------|
| Metals | | | | | |
| Lead (Pb) | % | 0.10 | 0.00018 | 0.000054 | 9149091 |

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch



BUREAU
VERITAS

Bureau Veritas Job #: C402488
Report Date: 2024/01/08

Pinchin Ltd
Client Project #: 335495.001

GENERAL COMMENTS

Metals Analysis: Due to limited amount of sample available for analysis, a smaller than usual portion of the sample was used. Detection limits were adjusted accordingly.

Results relate only to the items tested.



BUREAU
VERITAS

Bureau Veritas Job #: C402488

Report Date: 2024/01/08

QUALITY ASSURANCE REPORT

Pinchin Ltd

Client Project #: 335495.001

| QC Batch | Parameter | Date | Method Blank | | QC Standard | |
|----------|-----------|------------|--------------|-------|-------------|-----------|
| | | | Value | UNITS | % Recovery | QC Limits |
| 9149091 | Lead (Pb) | 2024/01/08 | <0.00010 | % | 94 | 75 - 125 |

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

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



BUREAU
VERITAS

Bureau Veritas Job #: C402488
Report Date: 2024/01/08

Pinchin Ltd
Client Project #: 335495.001

VALIDATION SIGNATURE PAGE

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

A handwritten signature in black ink, appearing to read 'A. Hamanov', written over a horizontal line.

Anastassia Hamanov, Scientific Specialist

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



BUREAU VERITAS

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

CHAIN OF CUSTODY RECORD

Page ____ of ____

| Invoice Information | | Report Information (if differs from invoice) | | Project Information (where applicable) | | Turnaround Time (TAT) Required | |
|--|--|---|--|--|--|--|--|
| Company Name: Pinchin Ltd. | | Company Name: Pinchin Ltd. | | Quotation #: | | <input checked="" type="checkbox"/> Regular TAT (5-7 days) Most analyses | |
| Contact Name: Rachel Northey | | Contact Name: Nicholas Robinson | | P.O. #/ AFE#: | | PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS | |
| Address: 191 Bloor St E, Oshawa, ON, L1H 3M3 | | Address: 191 Bloor St E, Oshawa, ON, L1H 3M3 | | Project #: 335495.001 | | Rush TAT (Surcharges will be applied) | |
| Phone: _____ Fax: _____ | | Phone: 365.822.1361 Fax: _____ | | Site Location: | | <input type="checkbox"/> 1 Day <input type="checkbox"/> 2 Days <input type="checkbox"/> 3-4 Days | |
| Email: rnorthey@pinchin.com | | Email: nrobinson@pinchin.com | | Site #: | | Date Required: As soon as possible. Regular TAT | |
| MOE REGULATED DRINKING WATER OR WATER INTENDED FOR HUMAN CONSUMPTION MUST BE SUBMITTED ON THE BUREAU VERITAS DRINKING WATER CHAIN OF CUSTODY | | | | Site Location Province: _____ ON | | Rush Confirmation #: | |
| | | | | Sampled By: _____ Nicholas Robinson | | | |

| Regulation 153 | | Other Regulations | | Analysis Requested | | | | | | | | | | | | LABORATORY USE ONLY | | | | | | | | | | | | |
|--------------------------------------|--------------------------------------|------------------------------------|--|--|---------------------------|--|---------------|--------------|------|-----------------------------|----------------------|--|---------------------|------|---------------------|---------------------|--------|---------------------|--|--|--|--|--|--|--|--|--|--|
| <input type="checkbox"/> Table 1 | <input type="checkbox"/> Res/Park | <input type="checkbox"/> Med/ Fine | <input type="checkbox"/> CCME | <input type="checkbox"/> Sanitary Sewer Bylaw | # OF CONTAINERS SUBMITTED | FIELD FILTERED (CIRCLE) Metals / Hg / CrVI | BTEX / PHC F1 | PHCs F2 - F4 | VOCs | REG 153 METALS & INORGANICS | REG 153 ICPMS METALS | REG 153 METALS (Hg, Cr, VI, ICPMS Metals, HWS - B) | Lead (Pb) in Paints | PCBs | HOLD-DO NOT ANALYZE | CUSTODY SEAL Y / N | | COOLER TEMPERATURES | | | | | | | | | | |
| <input type="checkbox"/> Table 2 | <input type="checkbox"/> Ind/Comm | <input type="checkbox"/> Coarse | <input type="checkbox"/> MISA | <input type="checkbox"/> Storm Sewer Bylaw | | | | | | | | | | | | Present | Intact | | | | | | | | | | | |
| <input type="checkbox"/> Table 3 | <input type="checkbox"/> Agri/ Other | | <input type="checkbox"/> PWQO Region _____ | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Table _____ | | | <input type="checkbox"/> Other (Specify) _____ | | | | | | | | | | | | | | | | | | | | | | | | | |
| FOR RSC (PLEASE CIRCLE) Y / N | | | | <input type="checkbox"/> REG 558 (MIN. 3 DAY TAT REQUIRED) | | | | | | | | | | | | | | | | | | | | | | | | |

Include Criteria on Certificate of Analysis: Y / N

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

| SAMPLE IDENTIFICATION | DATE SAMPLED (YYYY/MM/DD) | TIME SAMPLED (HH-MM) | MATRIX | # OF CONTAINERS SUBMITTED | FIELD FILTERED (CIRCLE) Metals / Hg / CrVI | BTEX / PHC F1 | PHCs F2 - F4 | VOCs | REG 153 METALS & INORGANICS | REG 153 ICPMS METALS | REG 153 METALS (Hg, Cr, VI, ICPMS Metals, HWS - B) | Lead (Pb) in Paints | PCBs | HOLD-DO NOT ANALYZE | CUSTODY SEAL Y / N | COOLER TEMPERATURES | COOLING MEDIA PRESENT: Y / N | COMMENTS |
|---|---------------------------|----------------------|--------|---------------------------|--|---------------|--------------|------|-----------------------------|----------------------|--|---------------------|------|---------------------|--------------------|---------------------|------------------------------|----------|
| L0001, White Paint On Block Wall, Loc:37, LIBRARY | | | BULK | | | | | | | | | | X | | | | | |
| L0002, Beige Paint On Block Wall, Loc:38, Work Room | | | BULK | | | | | | | | | | X | | | | | |
| L0003, Blue Paint On Block Wall, Loc:7, CLASSROOM | | | BULK | | | | | | | | | | X | | | | | |

| | | | | | |
|--|----------------------------------|------------------------|--|----------------------------------|------------------------|
| RELINQUISHED BY: (Signature/Print) <i>N. J. Robinson</i> Nicholas Robinson | DATE: (YYYY/MM/DD) 2024-01-03 | TIME: (HH-MM) 13:50 | RECEIVED BY: (Signature/Print) <i>Suh Queen Samra</i> | DATE: (YYYY/MM/DD) 2024/01/04 | TIME: (HH-MM) 09:00 |
|--|----------------------------------|------------------------|--|----------------------------------|------------------------|



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

APPENDIX II-C
PCB Analytical Certificates

Certificate of Analysis

Nicholas Robinson

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

Date of Issue: Jan 09, 2024

Report Description: 2 solid samples were submitted for the following chemical analysis

| | |
|--------------------------------|-----------------------------------|
| Project Name: | Date Sampled: Jan 03, 2023 |
| Project No.: 335495.001 | Date Tested: Jan 08, 2024 |
| Site Location: | Sampled by: Nicholas R |

Report Number: 24-0011

| No. | Analyte | Result | Units | MDL | Comments | Technique / Test Method |
|----------|---|--------|-------|-----|----------|------------------------------------|
| <u>1</u> | <u>Sample ID.: P0001 - Grey Caulking (1971 Phase)</u> | | | | | |
| | PCBs in Solid | <0.2 | mg/kg | 0.2 | | LAB-M06 (EPA 3550C/8082A modified) |
| <u>2</u> | <u>Sample ID.: P0002 - Grey Caulking (1955 Phase)</u> | | | | | |
| | PCBs in Solid | <0.2 | mg/kg | 0.2 | | LAB-M06 (EPA 3550C/8082A modified) |

Results apply to the sample as received.

Approved By:

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

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

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

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

APPENDIX III
Methodology



1.0 GENERAL

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

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

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

1.1 Asbestos

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

A separate set of samples was collected of each type of homogenous material suspected to contain asbestos. A homogenous material is defined by the US EPA as material that is uniform in texture and appearance, was installed at one time, and is unlikely to consist of more than one type or formulation of material. The homogeneous materials were determined by visual examination and available information on the phases of construction and prior renovations.

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

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

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

Analytical results were compared to the following criteria.



| Jurisdiction | Friable | Non-Friable |
|--------------|---------|-------------|
| Ontario | 0.5% | 0.5% |

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

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

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

1.2 Lead

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

Analysis for lead in paints or surface coatings was performed in accordance with EPA Method No. 3050B/Method No. 7420; flame atomic absorption.

Analytical results were compared to the following criteria.

| Jurisdiction | Units (%) | Units (ppm) / (mg/kg) |
|--------------|-----------|-----------------------|
| Ontario | 0.1 | 1000 |

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

1.3 Silica

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

1.4 Mercury

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

1.5 Polychlorinated Biphenyls

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

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

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

Caulking, sealants, or paints were sampled and submitted for PCB analysis following EPA 3550C/8082A.

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

1.6 Visible Mould

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

Template: Methodology for Hazardous Building Materials Assessment, HAZ, January 26, 2023

APPENDIX IV
Location Summary Report

Client:KPRDSB

Site: 43 Ormiston St, Hampton, ON

Building Name: Hampton Junior Public School

Survey Date:

Last Re-Assessment: 2024-01-03

Building Phases: A: 1955

| Location No. | Name or Description | Area ft ² | Floor No. | Bldg. Phase | Notes |
|--------------|--------------------------|----------------------|-----------|-------------|-------|
| 7 | CLASSROOM, room no. 102 | 800 | 1 | A | |
| 37 | LIBRARY, room no. 113 | 1000 | 1 | C | |
| 38 | Work Room, room no. 113B | 120 | 1 | C | |

APPENDIX V
Hazardous Materials Summary Report / Sample Log

| Client:KPRDSB | | Site: 43 Ormiston St, Hampton, ON | | Building Name: Hampton Junior Public School | | | | Survey Date: | | | |
|---------------|-----------|--|-----------|---|----|------|----|--------------|-------------------|----------|------------|
| HAZMAT | Sample No | System/Component/Material/Sample Description | Locations | Bldg. Phase | LF | SF | EA | % | Type | Positive | Friability |
| Asbestos | V0003 | Floor Vinyl Floor Tile Vft 12x12 White With Gray Splotches, Loc. 36 | 7 | A | 0 | 800 | 0 | 0 | None Detected | No | |
| Asbestos | V0011 | Ceiling Ceiling Tiles (glue-on) At-02 1x1 Uniform Pinhole, Loc. 17 | 7 | A | 0 | 800 | 0 | 0 | Chrysotile | Yes | PF |
| Asbestos | V0013 | Piping Parging Cement Parging Cement, Loc. 24 | 37 | C | 0 | 0 | 5 | 0 | Chrysotile | Yes | F |
| Asbestos | S0027 ABC | Floor Mastic Yellow Mastic Beneath Carpet. S0027a Didn't Include A Homogeneous Grey Leveling Compound (second Phase). | 37 | C | 0 | 1000 | 0 | 0 | None Detected | No | |
| Asbestos | S0028 ABC | Wall Mastic Mastic Behind Vinyl Baseboard | 37,38 | C | 0 | 125 | 0 | 0 | None Detected | No | |
| Asbestos | S0029 ABC | Wall Paint White Paint On Block Wall | 37 | C | 0 | 1500 | 0 | 0 | None Detected | No | |
| Asbestos | S0030 ABC | Wall Paint Beige Paint On Block Wall | 38 | C | 0 | 500 | 0 | 0 | None Detected | No | |
| Asbestos | S0031 ABC | Wall Caulking Grey Caulking Around Windows | 37 | C | 20 | 0 | 0 | 0 | None Detected | No | |
| Asbestos | S0032 ABC | Other Sink Mastic Mastic On Sink Bottom | 38 | C | 0 | 4 | 0 | 0 | Chrysotile | Yes | NF |
| Asbestos | S0033 ABC | Duct Cement Product Cementitious Product On Ducts | 37 | C | 0 | 5 | 0 | 0 | None Detected | No | |
| Asbestos | S0034 ABC | Wall Mastic Mastic Behind Vinyl Baseboard | 7 | A | 0 | 100 | 0 | 0 | None Detected | No | |
| Asbestos | S0035 ABC | Wall Paint Blue Paint On Block Wall | 7 | A | 0 | 1200 | 0 | 0 | None Detected | No | |
| Asbestos | S0036 ABC | Wall Caulking Grey Caulking Around Windows | 7 | A | 20 | 0 | 0 | 0 | None Detected | No | |
| Asbestos | V9500 | Ceiling Mastic | 7 | A | 0 | 800 | 0 | 0 | Presumed Asbestos | Yes | NF |
| Asbestos | V9500 | Floor Floor Levelling Compound Leveling Compound Underneath Of The Carpet | 37 | C | 0 | 1000 | 0 | 0 | Presumed Asbestos | Yes | F |
| Asbestos | V9500 | Floor Mastic Mastic Under Vinyl Floor Tile. | 7 | A | 0 | 800 | 0 | 0 | Presumed Asbestos | Yes | NF |
| Asbestos | V9500 | Wall Mastic Mastic Behind Chalkboard And Corkboard, Mastic Behind Corkboard | 7,37 | A,C | 0 | 140 | 0 | 0 | Presumed Asbestos | Yes | NF |
| Asbestos | V0000 | Ceiling Ceiling Tiles (lay-in) 2ft By 4ft Pinhole And Fissure | 37,38 | C | 0 | 1120 | 0 | 0 | Non Asbestos | No | |
| Asbestos | V0000 | Floor Vinyl Floor Tile And Mastic | 38 | C | 0 | 120 | 0 | 0 | Non Asbestos | No | |
| Paint | L0001 | Wall Masonry White Paint On Block Wall | 37 | C | 0 | 1500 | 0 | 0 | Lead (High) | Yes | - |
| Paint | L0002 | Wall Masonry Beige Paint On Block Wall | 38 | C | 0 | 500 | 0 | 0 | Lead (High) | Yes | - |
| Paint | L0003 | Wall Masonry Blue Paint On Block Wall | 7 | A | 0 | 1470 | 0 | 0 | Lead (Low) | Yes | - |
| PCB | P0001 | Caulking Grey Caulking Around Windows | 37 | C | 20 | 0 | 0 | 0 | - | No | - |

| HAZMAT | Sample No | System/Component/Material/Sample Description | Locations | Bldg. Phase | LF | SF | EA | % | Type | Positive | Friability |
|--------|-----------|--|-----------|-------------|----|----|----|---|------|----------|------------|
| PCB | P0002 | Caulking Grey Caulking Around Windows | 7 | A | 20 | 0 | 0 | 0 | - | No | - |
| Hg | V9000 | Light Fixture | 7,37,38 | A,C | 0 | 0 | 82 | 0 | Hg | Yes | - |

Legend:

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

APPENDIX VI
All Data Report

Client: KPRDSB
Location: #7 : CLASSROOM
Survey Date: 2024-01-03

Site: 43 Ormiston St, Hampton, ON
Floor: 1

Building Name: Hampton Junior Public School
Room #: 102
Last Re-Assessment: 2024-01-03

Area (sqft): 800

| ASBESTOS | | | | | | | | | | | | | | | | |
|----------------------|----------------|--|---------|-------------------------|----|----|-----|------|------|------|------|----------|-------------------|--------|--------------------|---------|
| System | Component | Material | Item | Covering | A* | V* | AP* | Good | Fair | Poor | Unit | Sample | Asbestos Type | Amount | Hazard | Friable |
| Ceiling | | Ceiling tiles (glue-on) | Surface | | C | Y | | 800 | | | SF | V0011 | Chrysotile | 5-10% | Confirmed Asbestos | PF |
| Ceiling | | Mastic | | Ceiling tiles (glue-on) | C | Y | | 800 | | | SF | V9500 | Presumed Asbestos | | Presumed Asbestos | NF |
| Duct | | None Found | | | | | | | | | | | | | | |
| Floor | | Mastic, Mastic under vinyl floor tile. | | Vinyl Floor Tile | A | N | | 800 | | | SF | V9500 | Presumed Asbestos | | Presumed Asbestos | NF |
| Floor | | Vinyl Floor Tile | Surface | | A | Y | | 800 | | | SF | V0003 | None Detected | N.D. | None | |
| Mechanical Equipment | | None Found | | | | | | | | | | | | | | |
| Piping | | None Found | | | | | | | | | | | | | | |
| Structure | Not Accessible | N/A | | | | | | | | | | | | | | |
| Wall | | Wood | | | | | | | | | | | | | | |
| Wall | | Masonry | | | | | | | | | | | | | | |
| Wall | | Paint, Blue paint on block wall | | | B | Y | | 1200 | | | SF | S0035ABC | None Detected | N.D. | None | |
| Wall | | Caulking, Grey caulking around windows | | | B | Y | | 20 | | | LF | S0036ABC | None Detected | N.D. | None | |
| Wall | | Mastic, Mastic behind chalkboard and corkboard | | Wall covering | B | Y | | 100 | | | SF | V9500 | Presumed Asbestos | | Presumed Asbestos | NF |
| Wall | | Mastic, Mastic behind vinyl baseboard | | Wall covering | B | Y | | 100 | | | SF | S0034ABC | None Detected | N.D. | None | |

Client: KPRDSB
Location: #7 : CLASSROOM
Survey Date: 2024-01-03

Site: 43 Ormiston St, Hampton, ON
Floor: 1

Building Name: Hampton Junior Public School
Room #: 102
Last Re-Assessment: 2024-01-03

Area (sqft): 800

| PAINT | | | | | | | | | |
|-----------|---------|------|------|------|--------|-------------------------------------|------------|------------|--|
| System | Item | Good | Poor | Unit | Sample | Sample Description | Amount | Hazard | |
| Wall | Masonry | 1200 | | SF | L0003 | Blue paint on block wall | Pb: 0.10 % | Lead (Low) | |
| Wall | Wood | 250 | | SF | V0003 | Blue paint on wood | Pb: 0.10 % | Lead (Low) | |
| Structure | Metal | 20 | | SF | V0003 | Blue paint on structural steel beam | Pb: 0.10 % | Lead (Low) | |

Client: KPRDSB
Location: #7 : CLASSROOM
Survey Date: 2024-01-03

Site: 43 Ormiston St, Hampton, ON
Floor: 1

Building Name: Hampton Junior Public School
Room #: 102
Last Re-Assessment: 2024-01-03

Area (sqft): 800

| MERCURY | | | | |
|---------------|----------|------|--------|--------|
| Component | Quantity | Unit | Sample | Hazard |
| Light Fixture | 38 | EA | V9000 | Yes |

Client: KPRDSB
Location: #7 : CLASSROOM
Survey Date: 2024-01-03

Site: 43 Ormiston St, Hampton, ON
Floor: 1

Building Name: Hampton Junior Public School
Room #: 102
Last Re-Assessment: 2024-01-03

Area (sqft): 800

| PCB | | | | | | |
|-----------|----------|------|--------|------------------------------|------------|-----|
| Component | Quantity | Unit | Sample | Sample Description | Amount | PCB |
| Caulking | 20 | LF | P0002 | Grey caulking around windows | <0.2 mg/kg | No |

Client: KPRDSB
Location: #37 : LIBRARY
Survey Date: 2024-01-03

Site: 43 Ormiston St, Hampton, ON
Floor: 1

Building Name: Hampton Junior Public School
Room #: 113
Last Re-Assessment: 2024-01-03

Area (sqft): 1000

| ASBESTOS | | | | | | | | | | | | | | | | |
|----------------------|-----------|--|----------|---------------|----|----|-----|------|------|------|------|----------|-------------------|--------|--------------------|---------|
| System | Component | Material | Item | Covering | A* | V* | AP* | Good | Fair | Poor | Unit | Sample | Asbestos Type | Amount | Hazard | Friable |
| Ceiling ¹ | | Ceiling Tiles (lay-in), 2ft by 4ft pinhole and fissure | | | C | Y | | 1000 | | | SF | V0000 | Non-Asbestos | | None | |
| Duct | | Cement Product, Cementitious product on ducts | | | C | Y | | 5 | | | SF | S0033ABC | None Detected | N.D. | None | |
| Duct | All | Not Insulated | | | | | | | | | | | | | | |
| Floor | | Carpet | | | A | Y | | 1000 | | | SF | | | | | |
| Floor | | Floor Levelling Compound, Leveling compound underneath of the carpet | | Carpet | A | N | | 1000 | | | SF | V9500 | Presumed Asbestos | | Presumed Asbestos | F |
| Floor | | Mastic, Yellow mastic beneath carpet | | Carpet | A | Y | | 1000 | | | SF | S0027ABC | None Detected | N.D. | None | |
| Mechanical Equipment | | None Found | | | | | | | | | | | | | | |
| Piping | | Fibreglass | Straight | | | | | | | | | | | | | |
| Piping | | Parging Cement | Fitting | Canvas | C | N | | 5 | | | EA | V0013 | Chrysotile | 25-50% | Confirmed Asbestos | F |
| Structure | | Not Insulated | | | | | | | | | | | | | | |
| Wall | | Masonry | | | | | | | | | | | | | | |
| Wall | | Paint, White paint on block wall | | | B | Y | | 1500 | | | SF | S0029ABC | None Detected | N.D. | None | |
| Wall | | Caulking, Grey caulking around windows | | | B | Y | | 20 | | | LF | S0031ABC | None Detected | N.D. | None | |
| Wall | | Mastic, Mastic behind vinyl baseboard | | Wall covering | B | Y | | 100 | | | SF | S0028C | None Detected | N.D. | None | |
| Wall | | Mastic, Mastic behind corkboard | | Wall covering | B | Y | | 40 | | | SF | V9500 | Presumed Asbestos | | Presumed Asbestos | NF |

1 - Manufacturer code 3183B

Client: KPRDSB
Location: #37 : LIBRARY
Survey Date: 2024-01-03

Site: 43 Ormiston St, Hampton, ON
Floor: 1

Building Name: Hampton Junior Public School
Room #: 113
Last Re-Assessment: 2024-01-03

Area (sqft): 1000

| PAINT | | | | | | | | | |
|--------|---------|------|------|------|--------|---------------------------|------------|-------------|--|
| System | Item | Good | Poor | Unit | Sample | Sample Description | Amount | Hazard | |
| Wall | Masonry | 1500 | | SF | L0001 | White paint on block wall | Pb: 0.12 % | Lead (High) | |

Client: KPRDSB
Location: #37 : LIBRARY
Survey Date: 2024-01-03

Site: 43 Ormiston St, Hampton, ON
Floor: 1

Building Name: Hampton Junior Public School
Room #: 113
Last Re-Assessment: 2024-01-03

Area (sqft): 1000

| MERCURY | | | | |
|---------------|----------|------|--------|--------|
| Component | Quantity | Unit | Sample | Hazard |
| Light Fixture | 40 | EA | V9000 | Yes |

Client: KPRDSB
Location: #37 : LIBRARY
Survey Date: 2024-01-03

Site: 43 Ormiston St, Hampton, ON
Floor: 1

Building Name: Hampton Junior Public School
Room #: 113
Last Re-Assessment: 2024-01-03

Area (sqft): 1000

| PCB | | | | | | |
|-----------|----------|------|--------|------------------------------|------------|-----|
| Component | Quantity | Unit | Sample | Sample Description | Amount | PCB |
| Caulking | 20 | LF | P0001 | Grey caulking around windows | <0.2 mg/kg | No |

Client: KPRDSB
Location: #38 : Work Room
Survey Date: 2024-01-03

Site: 43 Ormiston St, Hampton, ON
Floor: 1

Building Name: Hampton Junior Public School
Room #: 113B
Last Re-Assessment: 2024-01-03

Area (sqft): 120

| ASBESTOS | | | | | | | | | | | | | | | | |
|----------------------|-----------|--|----------|---------------|----|----|-----|------|------|------|------|----------|---------------|--------|--------------------|---------|
| System | Component | Material | Item | Covering | A* | V* | AP* | Good | Fair | Poor | Unit | Sample | Asbestos Type | Amount | Hazard | Friable |
| Ceiling ¹ | | Ceiling Tiles (lay-in), 2ft by 4ft pinhole and fissure | | | C | Y | | 120 | | | SF | V0000 | Non-Asbestos | | None | |
| Duct | All | Not Insulated | | | | | | | | | | | | | | |
| Floor ² | | Vinyl Floor Tile and Mastic | Surface | | A | Y | | 120 | | | SF | V0000 | Non-Asbestos | | None | |
| Mechanical Equipment | | None Found | | | | | | | | | | | | | | |
| Other ³ | Sink | Mastic, Tar Mastic on sink bottom | | | B | Y | | 4 | | | SF | S0032ABC | Chrysotile | 0.5-5% | Confirmed Asbestos | NF |
| Piping | | Fibreglass | Straight | | | | | | | | | | | | | |
| Structure | | Not Insulated | | | | | | | | | | | | | | |
| Wall | | Wood | | | A | Y | | 20 | | | SF | | | | | |
| Wall | | Masonry | | | | | | | | | | | | | | |
| Wall | | Paint, Beige paint on block wall | | | B | Y | | 500 | | | SF | S0030ABC | None Detected | N.D. | None | |
| Wall | | Mastic, Mastic behind vinyl baseboard | | Wall covering | B | Y | | 25 | | | SF | S0028AB | None Detected | N.D. | None | |

- 1 - Manufacturer Code 3183B
- 2 - Installed Summer 2014
- 3 - Located on the underside of the sink

Client: KPRDSB
Location: #38 : Work Room
Survey Date: 2024-01-03

Site: 43 Ormiston St, Hampton, ON
Floor: 1

Building Name: Hampton Junior Public School
Room #: 113B
Last Re-Assessment: 2024-01-03

Area (sqft): 120

| PAINT | | | | | | | | | |
|--------|---------|------|------|------|--------|---------------------------|------------|-------------|--|
| System | Item | Good | Poor | Unit | Sample | Sample Description | Amount | Hazard | |
| Wall | Masonry | 500 | | SF | L0002 | Beige paint on block wall | Pb: 0.11 % | Lead (High) | |

Client: KPRDSB
Location: #38 : Work Room
Survey Date: 2024-01-03

Site: 43 Ormiston St, Hampton, ON
Floor: 1

Building Name: Hampton Junior Public School
Room #: 113B
Last Re-Assessment: 2024-01-03

Area (sqft): 120

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

Legend:



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

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

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

| Visible | |
|---------|---|
| Y | The material is visible when standing on the floor of the room, without the removal or opening of other building components (e.g. ceiling tiles or access panels). |
| N | The material is not visible to view when standing on the floor of the room and requires the removal of a building component (e.g. ceilings tiles or access panels) to view and access. Includes rarely entered crawlspaces, attic spaces, etc. Observations will be limited to the extent visible from the access points. |

| Air Plenum | |
|------------|---|
| Yes or No | The material is in a return air plenum or in a direct airstream or there is evidence of air erosion (e.g. duct for heating or cooling blowing directly on or across an ACM). This field is only completed where Air Plenum consideration is required by regulation. |

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

APPENDIX VII
Photographs



V0003 (None), 12" by 12" Vinyl Floor Tile and Mastic in Location #: 7



S0029C (None), White paint on block wall in the Library (Location #: 37)



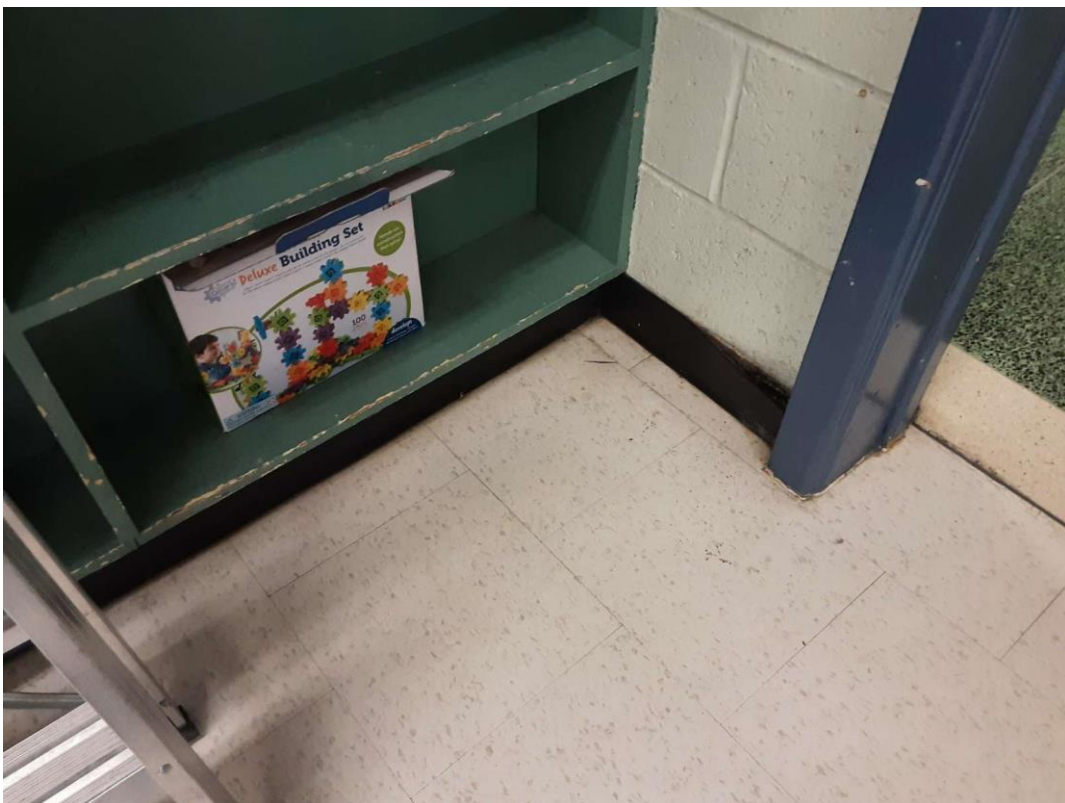
S0030C (None), Beige paint on block wall in the Work Room (Location #: 38)



S0032C (Confirmed Asbestos), Sink mastic on sink bottom in Work Room (Location #: 38)
Located on the underside of the sink



S0033C (None), Cementitious product on ducts in the Library (Location #: 37)



S0034C (None), Mastic behind vinyl baseboard in Location #: 7



S0035C (None), Blue paint on block wall in Location #: 7



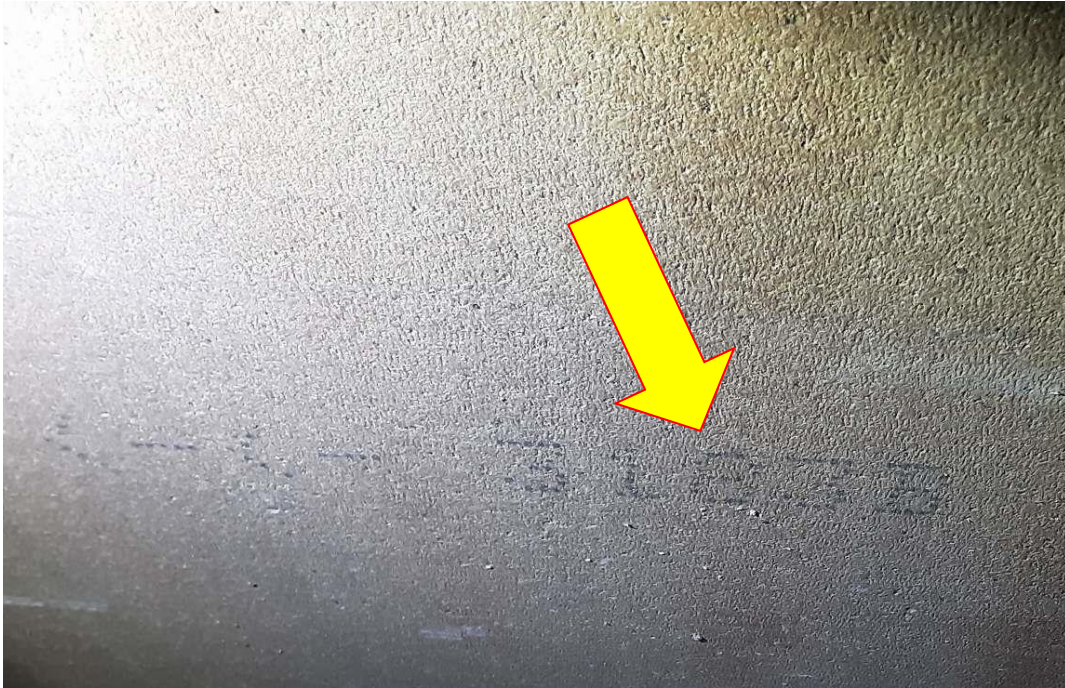
S0036C (None), Grey caulking around windows in Location #: 7



V9500 (Presumed Asbestos), Mastic behind corkboard in the Library (Location #: 37)



V0000 (None), 2ft by 4ft pinhole and fissure Ceiling Tiles (lay-in) in the Library (Location #: 37)
Date code 3183B



V0000 (None), 2ft by 4ft pinhole and fissure, Ceiling, Ceiling Tiles (lay-in), LIBRARY (Location #: 37)
Manufacturer code 3183B



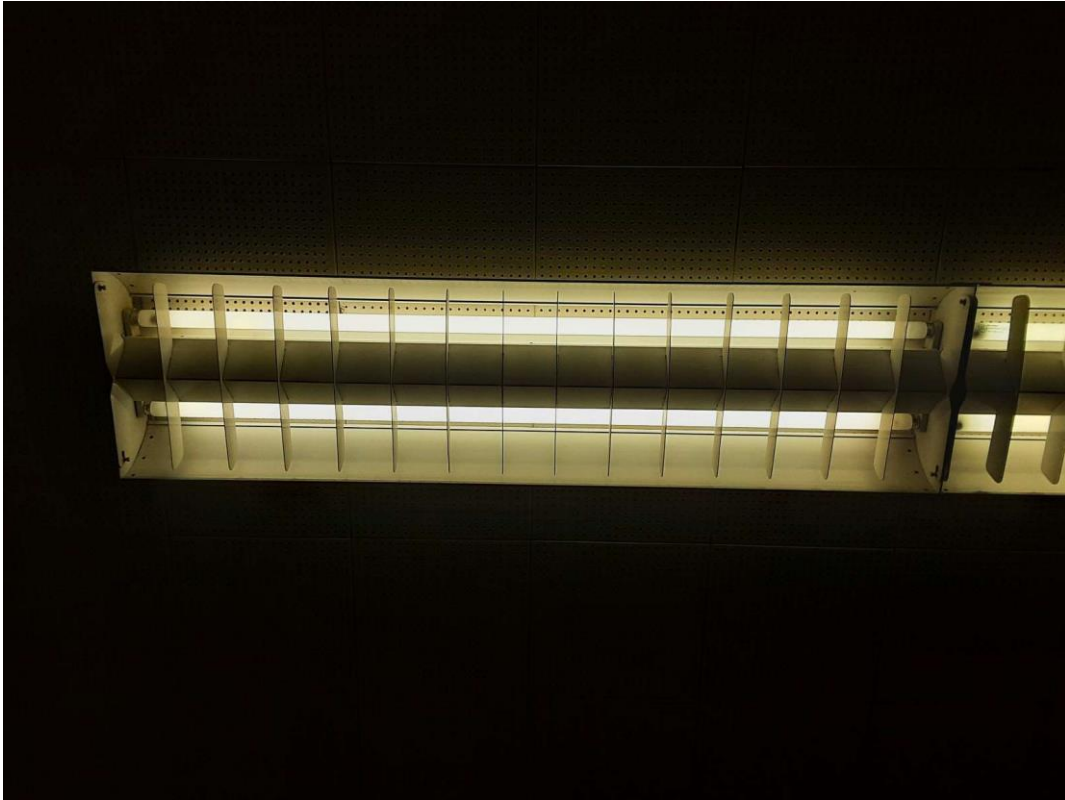
L0001(Lead, High), White paint on block wall in the Library (Location #: 37)



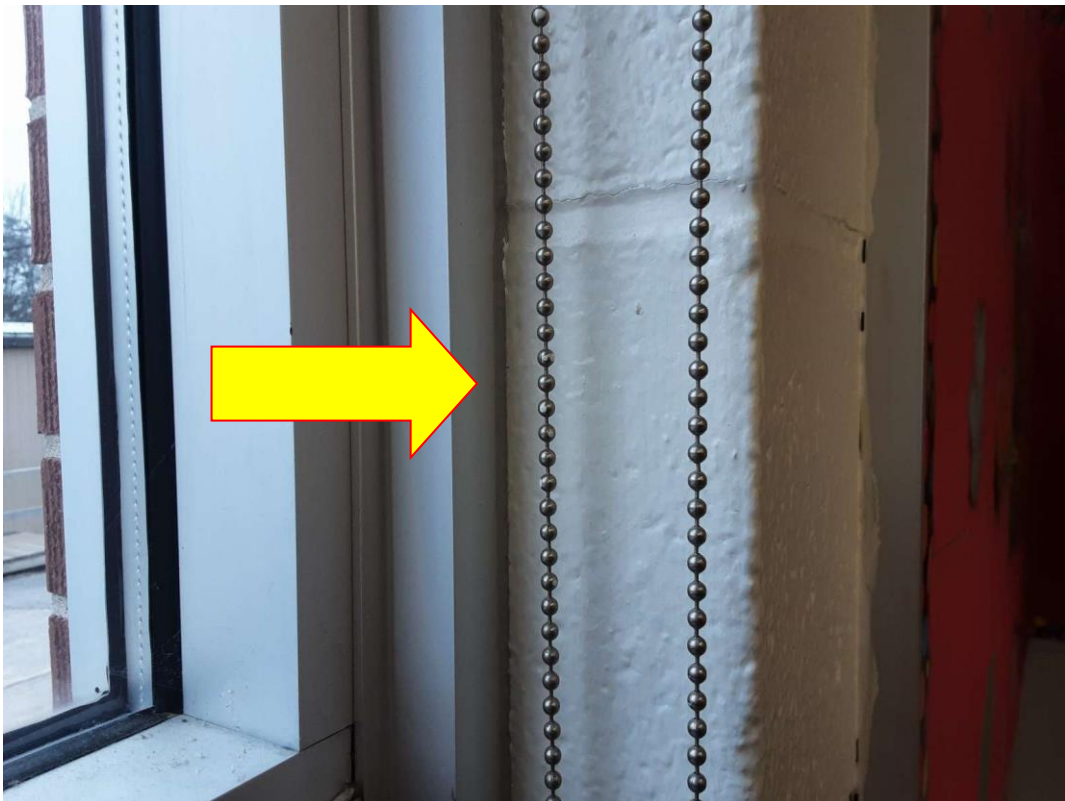
L0002(Lead, High), Beige paint on block wall in the Work Room (Location #: 38)



L0003(Lead, Low), Blue paint on block wall in Location #: 7



Mercury, V9000(Yes), Light Fixtures in Location #: 7



PCB, P0001(No), Grey caulking around windows in the Library (Location #: 37)