
# Hazardous Building Materials Assessment (Pre-construction)

Sutherland Campus, Main Building
599 Brealey Drive, Peterborough

Prepared for:

## Fleming College

599 Brealey Drive
Peterborough, Ontario, K9J 7B1

October 18, 2024

Pinchin File: 347369

| | |
|---|---|
| **Issued to:** | **Fleming College** |
| **Issued on:** | **October 18, 2024** |
| **Pinchin File:** | **347369** |
| **Issuing Office:** | **Oshawa, ON** |
| **Primary Pinchin Contact:** | **Meaghan Dunn, B.Sc., Adv. Env. Tech**<br>**Project Manager**<br>**mdunn@pinchin.com** |

Author: Cole Reynolds, B.Sc.
Project Technologist

Project Manager: Meaghan Dunn, B.Sc., Adv. Env. Tech
Project Manager

Reviewer: Alex Brett, B.Sc., CRSP
Operations Manager

## EXECUTIVE SUMMARY

Fleming College (Client) retained Pinchin Ltd. (Pinchin) to conduct a hazardous building materials assessment in the Sutherland Campus, Main Building located at 599 Brealey Drive, Peterborough. Pinchin performed the assessment on September 24, 2024.

The objective of the assessment was to identify specified hazardous building materials in preparation for building renovation. The proposed work, as outlined in the email provided by the client on September 3, 2024 are as follows:

- B3 Men's & Women's Washrooms – renovations including new flooring, millwork and a refresh of the walls.
- C2 Men's & Women's Washroom – full back to base renovation of the spaces.

## SUMMARY OF FINDINGS

The following is a summary of significant findings; refer to the body of the report for detailed findings:

Asbestos:

- Asbestos cement (Transite) pipe is present in the Men's Washroom – B3174 (Loc. 191).

Lead:

- Low level lead is present in paints and coatings.
- Electrical components, including wiring connectors, grounding conductors, and solder are presumed to contain lead.
- Glazing on ceramic tiles is presumed to contain lead.

Silica: Crystalline silica is present in concrete and other materials such as masonry, ceramic tiles and grout.

Mercury: Mercury vapour is not present.

Polychlorinated Biphenyls (PCBs): PCBs are not present.

Mould and Water Damage: Visible mould and water damage was not observed.

## SUMMARY OF RECOMMENDATIONS

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

1. Conduct further investigation of any items listed as exclusions in this report, prior to disturbance.
2. If hazardous materials are to be impacted by planned work, prepare a scope of work or specifications and safe work procedures for the hazardous materials removal required for the planned work.
3. Do not disturb suspected hazardous building materials discovered during the planned work, which have not been identified in this report and arrange for further evaluation and testing.
4. If to be impacted, remove and properly dispose of asbestos-containing materials prior to renovation activities if impacted by renovation.
5. Follow appropriate safe work procedures when handling or disturbing asbestos, lead and silica.

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

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## APPENDICES

## 1.0 INTRODUCTION AND SCOPE

Fleming College (Client) retained Pinchin Ltd. (Pinchin) to conduct a hazardous building materials assessment in the Sutherland Campus, Main Building located at 599 Brealey Drive, Peterborough.

Pinchin performed the assessment on September 24, 2024. The surveyor was accompanied by a facilities manager during the assessment. The assessed area was occupied at the time of the assessment.

The objective of the assessment was to identify specified hazardous building materials in preparation for building renovation.

The renovations, as outlined in the email provided by the client on September 3, 2024 are as follows:

- B3 Men's & Women's Washrooms – renovations including new flooring, millwork and a refresh of the walls.
- C2 Men's & Women's Washroom – full back to base renovation of the spaces.

### 1.1 Scope of Assessment

The **assessed area** is limited to the portions of the building to be renovated, as described by the Client and detailed above, 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 structure and its finishes.

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

- Asbestos
- Lead
- Silica
- Mercury
- Polychlorinated Biphenyls (PCBs)
- Mould

The following Designated Substances are not typically found in building materials in a composition/state that is hazardous and were not included in this assessment:

- Arsenic
- Acrylonitrile
- Benzene
- Coke oven emissions
- Ethylene oxide
- Isocyanates
- Vinyl chloride monomer

## 2.0 METHODOLOGY

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

The assessment included limited demolition of wall and ceiling finishes (drywall) to view concealed conditions at representative areas as permitted by the current building use. Limited destructive testing of flooring was conducted where possible (under ceramic tiles). 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 not conducted to investigate for loose fill vermiculite insulation due to the presence of pre-existing holes within the concrete block wall and absence of vermiculite.

Sampling of roofing materials was not conducted.

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

# 3.0 BACKGROUND INFORMATION

## 3.1 Building Description

| Description Item | Details |
|---|---|
| Use | Post-Secondary Institution |
| Number of Floors | The building is three storeys plus one level below grade |
| Total Area | The assessed area is approximately 840 square feet |
| Year of Construction | The portion of the building assessed was constructed in the 1970's |
| Structure | Structural steel and concrete |
| Exterior Cladding | Aluminum siding |
| HVAC | Roof-top Air Handling Units, Electric baseboard/wall heaters and Suspended unit heaters |
| Roof | Not assessed (not part of scope) |
| Flooring | Vinyl sheet flooring, ceramic tile |
| Interior Walls | Drywall, ceramic wall tile, concrete block |
| Ceilings | Drywall |

## 3.2 Existing Reports

Pinchin previously prepared the following reports, which have been reviewed as part of this assessment:

- "Hazardous Building Material Assessment Report, Sutherland Campus, 599 Brealey Drive, Peterborough, ON", dated July 25, 2017, Pinchin File 204307.
- "Asbestos-Containing Materials Reassessment, Sutherland Campus, Main Building, 599 Brealey Drive, Peterborough, Ontario", dated April 5, 2024, Pinchin File 335681.

# 4.0 FINDINGS

The following section summarizes the findings of the assessment and provides a general description of the hazardous building materials identified. 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.

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

## 4.1 Asbestos

### *4.1.1 Pipe Insulation*

Pipes in the assessed area are either uninsulated or insulated with non-asbestos fibreglass.

Uninsulated pipe in the Men's Washroom – B3174 (Loc. 191)

Pipe insulated with fibreglass in the Men's Washroom – B3174 (Loc. 191)

### *4.1.2 Duct Insulation and Mastic*

Ducts are either uninsulated or insulated with non-asbestos fibreglass (foil-faced). Mastic was not identified on sections of ducts observed.

Uninsulated ducts in the Men's Washroom – B3174 (Loc. 191)

### *4.1.3 Vermiculite*

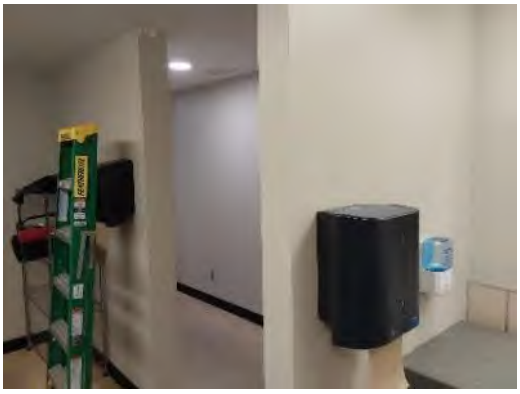
Pinchin reviewed various existing holes in concrete block walls in the accessed area. Loose fill vermiculite was not observed within the cavities.

### *4.1.4 Drywall Joint Compound*

Drywall joint compound present on wall and ceiling finishes throughout the assessed area does not contain asbestos (samples S0076A-C, S0077A-C, S0078A-C).

Due to historical findings in this facility Pinchin collected a representative number of samples from above ceiling, as typically during renovations the drywall has only be removed to the drop ceiling.

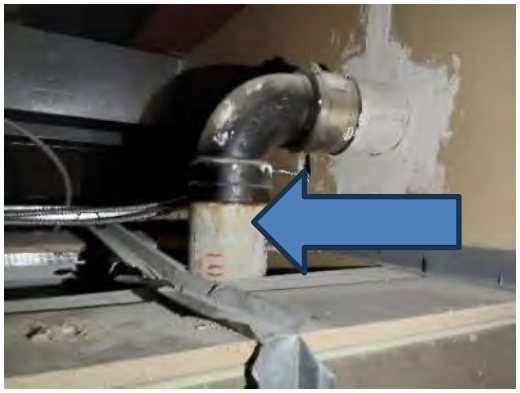
Drywall with non-asbestos joint compound on the ceiling in the Men's Washroom - C2126 (Loc. 403)



Drywall with non-asbestos joint compound on walls in the Women's Washroom – B3170 (Loc. 190)

### *4.1.5 Asbestos Cement Products*

Cement pipe (Transite), presumed to contain asbestos based on visual observation, is present as sanitary drains / rainwater leaders in the Men's Washroom – B3174 (Loc. 191).



Cement pipe (Transite) in the Men's Washroom – B3174 (Loc. 191)

### *4.1.6 Vinyl Sheet Flooring*

The following is a summary of vinyl sheet flooring sampled.

| Description | Sample Location (Loc #) | Sample Number | Asbestos (Backing / Adhesive) | Photo |
|---|---|---|---|---|
| Beige | Women's Washroom - B3170 (Loc. 190) | S0079A-C | No / No |  |

### *4.1.7 Vinyl Floor Tiles, Baseboard, and Stair Flooring*

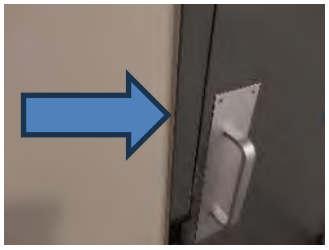
The following is a summary of flooring sampled:

| Description | Sample Location (Location #) | Sample Number | Asbestos | Photo |
|---|---|---|---|---|
| Beige baseboard mastic | Women's Washroom - B3170 (Loc. 190); Men's Washroom – B3174 (Loc. 191) | S0080A-C | No |  |

### *4.1.8 Sealants, Caulking, and Putty*

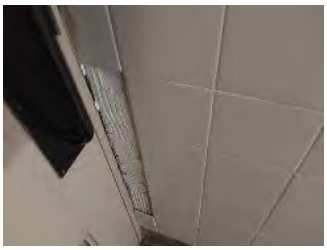
The following is a summary of sealants, caulking, and putties sampled:

| Material, Description and Application | Sample Location (Location #) | Sample Number | Asbestos | Photo |
|---|---|---|---|---|
| White caulking along walls | Men's Washroom - C2126 (Location #: 403); Women's Washroom - C2128 (Location #: 404) | S0075A-C | No |  |

| Material, Description and Application | Sample Location (Location #) | Sample Number | Asbestos | Photo |
|---|---|---|---|---|
| Beige caulking on door frame | Women's Washroom - B3170 (Loc. 190); Men's Washroom – B3174 (Loc. 191) | S0081A-C | No |  |

### *4.1.9 Other Building Materials*

The following is a summary of other materials sampled.

| Description | Sample Location (Location #) | Sample Number | Asbestos | Photo |
|---|---|---|---|---|
| Thin-set behind ceramic wall tiles | Men's Washroom - C2126 (Location #: 403); Women's Washroom - C2128 (Location #: 404) | S0073A-C | No |  |
| Thin-set under ceramic floor tiles | Men's Washroom - C2126 (Location #: 403); Women's Washroom - C2128 (Location #: 404) | S0074A-C | No |  |
| Levelling compound under vinyl sheet flooring | Women's Washroom - B3170 (Loc. 190) | S0079A-C layer 4 | No |  |

#### *4.1.10 Excluded Materials*

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

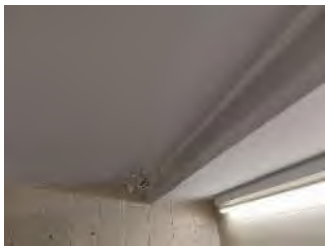
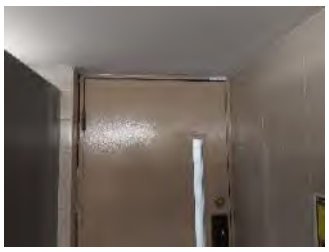
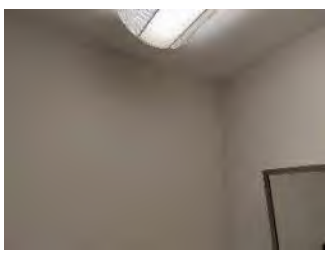
- Electrical components
- Mechanical packing, ropes, and gaskets
- Sealants on pipe threads

## 4.2 Lead

#### *4.2.1 Paints and Surface Coatings*

Refer to the lab report in Appendix II-B and the Hazardous Material Summary / Sample Log in Appendix V for details on paints sampled and their locations.

The following table summarizes the analytical results of paints sampled:

| Sample Number | Colour, Substrate Description | Sample Location | Lead (%) | Photo |
|---|---|---|---|---|
| L0005 | White paint on drywall | Men's Washroom - C2126 (Loc. 403) | 0.00030 |  |
| L0006 | Beige paint on door | Men's Washroom - C2126 (Loc. 403) | 0.00031 |  |
| L0007 | Off-white paint on drywall | Women's Washroom - B3170 (Loc. 190) | <0.00031 |  |

| Sample Number | Colour, Substrate Description | Sample Location | Lead (%) | Photo |
|---|---|---|---|---|
| L0008 | Grey paint on door | Men's Washroom - B3174 (Loc. 191) | 0.064 |  |

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.

Results less than 0.009% (90 mg/kg) are considered insignificant.

#### *4.2.2 Lead Products and Applications*

Lead products were not found during the assessment.

#### *4.2.3 Excluded Lead Materials*

Lead is known to be present in several materials which were not assessed or sampled. The following materials, where found, should be presumed to contain lead:

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

### 4.3 Silica

Crystalline silica is assumed to be a component of the following materials where present in the building.

- Concrete
- Masonry and mortar
- Ceramic tiles and grout

### 4.4 Mercury

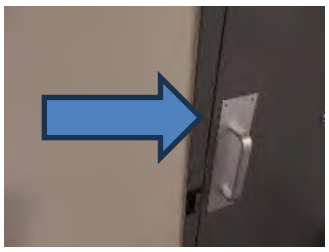
Mercury-containing devices were not found during the assessment.

Light Emitting Diode (LED) T8 lamps in the Men's Washroom - C2126 (Loc. 403)

## 4.5 Polychlorinated Biphenyls

### *4.5.1 Caulking and Sealants*

The following table presents a summary of caulking sampled:

| Material, Colour, Application | Sample Location (Location #) | Sample Number | PCB (mg/kg) | Photo |
|---|---|---|---|---|
| Caulking, white on walls | Men's Washroom - C2126 (Loc. 403) | P0002 | <0.02 |  |
| Caulking, beige on door frames | Men's Washroom - C2126 (Loc. 403) | P0003 | <0.02 |  |

### *4.5.2 Lighting Ballasts*

Based on the presence of LED lamps, the fixtures will not contain PCB ballasts.

### *4.5.3 Transformers*

Transformers were not found during the assessment.

### 4.6 Mould and Water Damage

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

## 5.0 RECOMMENDATIONS

### 5.1 General

1. If hazardous materials to be impacted, prepare scope of work or performance specifications for hazardous material removal required for the planned work. The specifications should include safe work practices, personal protective equipment, respiratory protection, and disposal of waste materials.
2. 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.
3. Conduct further investigation of any items listed as exclusions in this report, prior to disturbance.
4. Provide this report to the contractor prior to bidding or commencing work.
5. Retain a qualified consultant to specify, observe and document the successful removal of hazardous materials, if to be impacted.

### 5.2 Building Renovation Work

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

#### *5.2.1 Asbestos*

If to be impacted by planned work, 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.

#### *5.2.2 Lead*

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

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

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

### *5.2.3 Silica*

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

## 6.0 TERMS AND LIMITATIONS

This work was performed subject to the Terms and Limitations presented or referenced in the proposal for this project.

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

## 7.0 REFERENCES

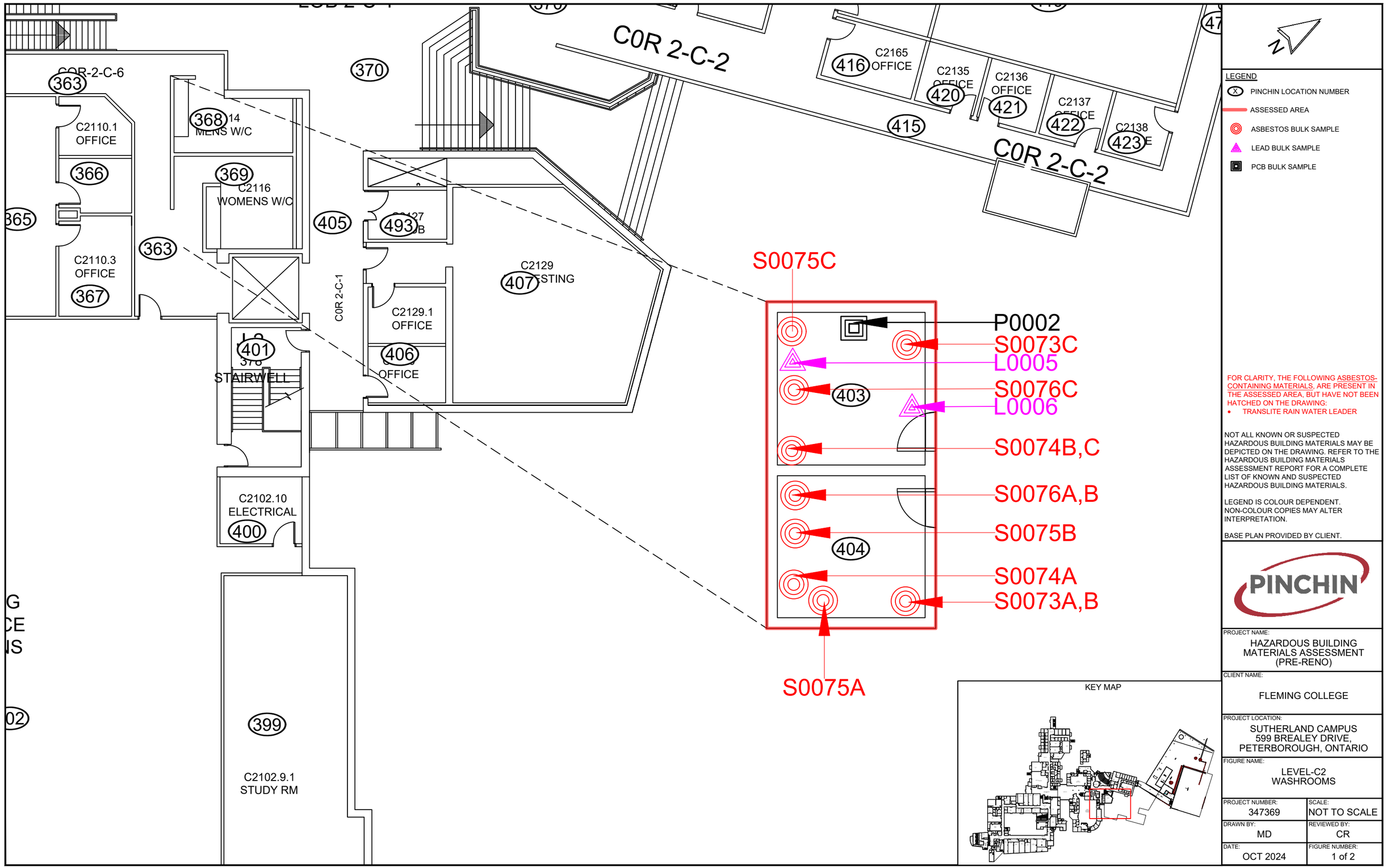
The following legislation and documents were referenced in completing the assessment and this report:

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.

**APPENDIX I**

**Drawings**




N

LEGEND

- PINCHIN LOCATION NUMBER
- ASSESSED AREA
- ASBESTOS BULK SAMPLE
- LEAD BULK SAMPLE
- PCB BULK SAMPLE

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

- TRANSLITE RAIN WATER LEADER

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

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

BASE PLAN PROVIDED BY CLIENT.

PINCHIN

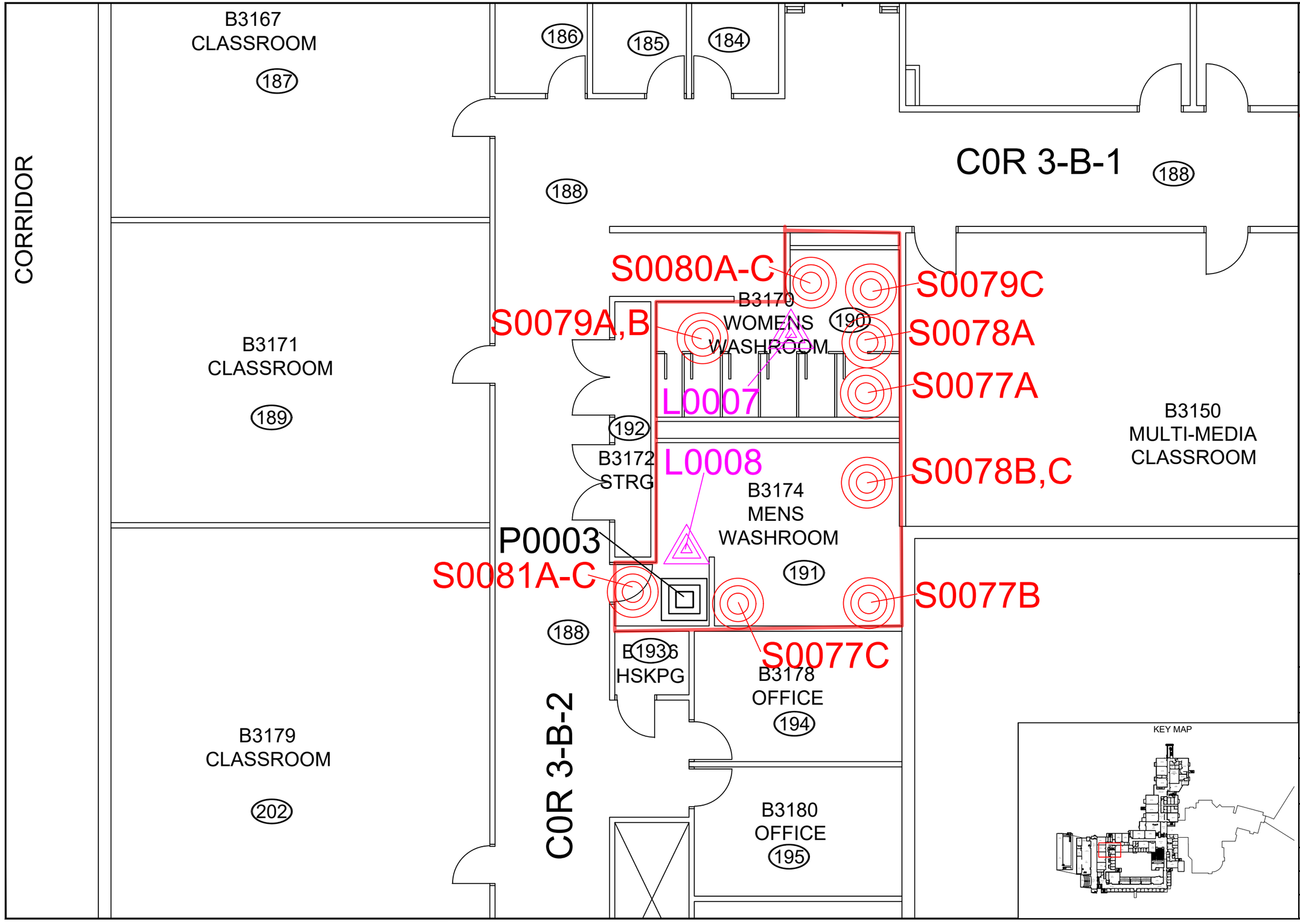
PROJECT NAME:
HAZARDOUS BUILDING MATERIALS ASSESSMENT (PRE-RENO)

CLIENT NAME:
FLEMING COLLEGE

PROJECT LOCATION:
SUTHERLAND CAMPUS
599 BREALEY DRIVE,
PETERBOROUGH, ONTARIO

FIGURE NAME:
LEVEL-C2
WASHROOMS

| PROJECT NUMBER: | SCALE: |
|---|---|
| 347369 | NOT TO SCALE |
| DRAWN BY: | REVIEWED BY: |
| MD | CR |
| DATE: | FIGURE NUMBER: |
| OCT 2024 | 1 of 2 |




N

LEGEND

- PINCHIN LOCATION NUMBER
- ASSESSED AREA
- ASBESTOS BULK SAMPLE
- LEAD BULK SAMPLE
- PCB BULK SAMPLE

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

- TRANSLITE RAIN WATER LEADER

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BASE PLAN PROVIDED BY CLIENT.

KEY MAP



PINCHIN

PROJECT NAME:
HAZARDOUS BUILDING MATERIALS ASSESSMENT (PRE-RENO)

CLIENT NAME:
FLEMING COLLEGE

PROJECT LOCATION:
SUTHERLAND CAMPUS
599 BREALEY DRIVE,
PETERBOROUGH, ONTARIO

FIGURE NAME:
LEVEL-B3
WASHROOMS

| PROJECT NUMBER: | SCALE: |
|---|---|
| 347369 | NOT TO SCALE |
| DRAWN BY: | REVIEWED BY: |
| MD | CR |
| DATE: | FIGURE NUMBER: |
| OCT 2024 | 2 OF 2 |

**APPENDIX II-A**

**Asbestos Analytical Certificates**

Your Project #: 0347369.000
Your C.O.C. #: N/A

**Attention: Meaghan Dunn**

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

**Report Date: 2024/10/03**
Report #: R8346795
Version: 1 - Final

# CERTIFICATE OF ANALYSIS

**BUREAU VERITAS JOB #: C4U4262**
**Received: 2024/09/27, 11:45**

Sample Matrix: Solid
# Samples Received: 27

| Analyses | Quantity | Date Extracted | Date Analyzed | Laboratory Method | Analytical Method |
|---|---|---|---|---|---|
| Asbestos by PLM - 0.5 RDL (1) | 27 | N/A | 2024/10/03 | COR3SOP-00002 | EPA 600R-93/116 |

**Remarks:**

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

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

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

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.
Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested.
This Certificate shall not be reproduced except in full, without the written approval of the laboratory.

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

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Bureau Veritas' scope of accreditation includes EPA -- 40 CFR Appendix E to Subpart E of Part 763, "Interim Method for the Determination of Asbestos in Bulk Insulation Samples" and EPA-600/R-93/116: "Method for the Determination of Asbestos in Bulk Building Materials".
Reference Method suffix “m” indicates test methods incorporate validated modifications from specific reference methods to improve performance.
* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.
(1) P.O.B. - Percent of Bulk

Your Project #: 0347369.000
Your C.O.C. #: N/A

**Attention: Meaghan Dunn**

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

**Report Date: 2024/10/03**
Report #: R8346795
Version: 1 - Final

# CERTIFICATE OF ANALYSIS

**BUREAU VERITAS JOB #: C4U4262**

**Received: 2024/09/27, 11:45**

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

Encryption Key

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

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

Bureau Veritas Job #: C4U4262
Report Date: 2024/10/03

Pinchin Ltd
Client Project #: 0347369.000
Sampler Initials: CR

## Asbestos Analytical Results

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

**S0073A WALL,MORTAR,LOC:404,WOMENS WASHROOM - C2128**

Bureau Veritas ID: AEFY91 Date Analyzed: 2024/10/03

| | P.O.B | Sample Morphology | Asbestos | Other Fibres | Particulate |
|---|---|---|---|---|---|
| Layer 1 | 90 | Homogeneous off-white cementitious material | Not Detected | | Non-Fibrous |
| Layer 2 | 5 | Homogeneous white cementitious material | Not Detected | | Non-Fibrous |
| Layer 3 | 5 | Homogeneous grey cementitious material | Not Detected | | Non-Fibrous |

**S0073B WALL,MORTAR,LOC:404,WOMENS WASHROOM - C2128**

Bureau Veritas ID: AEFY92 Date Analyzed: 2024/10/03

| | P.O.B | Sample Morphology | Asbestos | Other Fibres | Particulate |
|---|---|---|---|---|---|
| Layer 1 | 90 | Homogeneous off-white cementitious material | Not Detected | | Non-Fibrous |
| Layer 2 | 5 | Homogeneous white cementitious material | Not Detected | | Non-Fibrous |
| Layer 3 | 5 | Homogeneous grey cementitious material | Not Detected | | Non-Fibrous |

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

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

Bureau Veritas Job #: C4U4262
Report Date: 2024/10/03

Pinchin Ltd
Client Project #: 0347369.000
Sampler Initials: CR

## Asbestos Analytical Results

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

**S0073C WALL,MORTAR,LOC:403,MENS WASHROOM - C2126**

Bureau Veritas ID: AEFY93 | Date Analyzed: 2024/10/03

| | P.O.B | Sample Morphology | Asbestos | Other Fibres | Particulate |
|---|---|---|---|---|---|
| Layer 1 | 90 | Homogeneous off-white cementitious material | Not Detected | | Non-Fibrous |
| Layer 2 | 5 | Homogeneous white cementitious material | Not Detected | | Non-Fibrous |
| Layer 3 | 5 | Homogeneous grey cementitious material | Not Detected | | Non-Fibrous |

**S0074A FLOOR,MORTAR,LOC:404,WOMENS WASHROOM - C2128**

Bureau Veritas ID: AEFY94 | Date Analyzed: 2024/10/03

| | P.O.B | Sample Morphology | Asbestos | Other Fibres | Particulate |
|---|---|---|---|---|---|
| Layer 1 | 100 | Homogeneous grey cementitious material | Not Detected | | Non-Fibrous |

**S0074B FLOOR,MORTAR,LOC:403,MENS WASHROOM - C2126**

Bureau Veritas ID: AEFY95 | Date Analyzed: 2024/10/03

| | P.O.B | Sample Morphology | Asbestos | Other Fibres | Particulate |
|---|---|---|---|---|---|
| Layer 1 | 100 | Homogeneous grey cementitious material | Not Detected | | Non-Fibrous |

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

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

Bureau Veritas Job #: C4U4262
Report Date: 2024/10/03

Pinchin Ltd
Client Project #: 0347369.000
Sampler Initials: CR

## Asbestos Analytical Results

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

**S0074C FLOOR,MORTAR,LOC:403,MENS WASHROOM - C2126**

Bureau Veritas ID: AEFY96 — Date Analyzed: 2024/10/03

| | P.O.B | Sample Morphology | Asbestos | Other Fibres | Particulate |
|---|---|---|---|---|---|
| Layer 1 | 100 | Homogeneous grey cementitious material | Not Detected | | Non-Fibrous |

**S0075A WALL,CAULKING,WHITE CAULKING ALONG WALLS,LOC:404,WOMENS WASHROOM - C2128**

Bureau Veritas ID: AEFY97 — Date Analyzed: 2024/10/03

| | P.O.B | Sample Morphology | Asbestos | Other Fibres | Particulate |
|---|---|---|---|---|---|
| Layer 1 | 100 | Homogeneous white caulking | Not Detected | | Non-Fibrous |

**S0075B WALL,CAULKING,WHITE CAULKING ALONG WALLS,LOC:404,WOMENS WASHROOM - C2128**

Bureau Veritas ID: AEFY98 — Date Analyzed: 2024/10/03

| | P.O.B | Sample Morphology | Asbestos | Other Fibres | Particulate |
|---|---|---|---|---|---|
| Layer 1 | 100 | Homogeneous white caulking | Not Detected | | Non-Fibrous |

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

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

Bureau Veritas Job #: C4U4262
Report Date: 2024/10/03

Pinchin Ltd
Client Project #: 0347369.000
Sampler Initials: CR

## Asbestos Analytical Results

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

**S0075C WALL,CAULKING,WHITE CAULKING ALONG WALLS,LOC:403,MENS WASHROOM - C2126**

Bureau Veritas ID: AEFY99 | Date Analyzed: 2024/10/03

| | P.O.B | Sample Morphology | Asbestos | Other Fibres | Particulate |
|---|---|---|---|---|---|
| Layer 1 | 100 | Homogeneous white caulking | Not Detected | | Non-Fibrous |

**S0076A CEILING,DRYWALL AND JOINT COMPOUND,LOC:404,WOMENS WASHROOM - C2128**

Bureau Veritas ID: AEFZ00 | Date Analyzed: 2024/10/03

| | P.O.B | Sample Morphology | Asbestos | Other Fibres | Particulate |
|---|---|---|---|---|---|
| Layer 1 | 100 | Homogeneous white drywall joint compound | Not Detected | | Non-Fibrous |

**S0076B CEILING,DRYWALL AND JOINT COMPOUND,LOC:404,WOMENS WASHROOM - C2128**

Bureau Veritas ID: AEFZ01 | Date Analyzed: 2024/10/03

| | P.O.B | Sample Morphology | Asbestos | Other Fibres | Particulate |
|---|---|---|---|---|---|
| Layer 1 | 100 | Homogeneous white drywall joint compound | Not Detected | | Non-Fibrous |

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

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

Bureau Veritas Job #: C4U4262
Report Date: 2024/10/03

Pinchin Ltd
Client Project #: 0347369.000
Sampler Initials: CR

## Asbestos Analytical Results

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

**S0076C CEILING,DRYWALL AND JOINT COMPOUND,LOC:403,MENS WASHROOM - C2126**

Bureau Veritas ID: AEFZ02 — Date Analyzed: 2024/10/03

| | P.O.B | Sample Morphology | Asbestos | Other Fibres | Particulate |
|---|---|---|---|---|---|
| Layer 1 | 100 | Homogeneous white drywall joint compound | Not Detected | | Non-Fibrous |

**S0077A CEILING,DRYWALL AND JOINT COMPOUND,DRYWALL ON CEILING,LOC:190,WOMENS WASHROOM - B3170**

Bureau Veritas ID: AEFZ03 — Date Analyzed: 2024/10/03

| | P.O.B | Sample Morphology | Asbestos | Other Fibres | Particulate |
|---|---|---|---|---|---|
| Layer 1 | 100 | Homogeneous off-white/light grey drywall joint compound | Not Detected | | Non-Fibrous |

**S0077B CEILING,DRYWALL AND JOINT COMPOUND,DRYWALL ON CEILING,LOC:191,MENS WASHROOM - B3174**

Bureau Veritas ID: AEFZ04 — Date Analyzed: 2024/10/03

| | P.O.B | Sample Morphology | Asbestos | Other Fibres | Particulate |
|---|---|---|---|---|---|
| Layer 1 | 100 | Homogeneous white drywall joint compound | Not Detected | | Non-Fibrous |

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

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

Bureau Veritas Job #: C4U4262
Report Date: 2024/10/03

Pinchin Ltd
Client Project #: 0347369.000
Sampler Initials: CR

## Asbestos Analytical Results

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

**S0077C CEILING,DRYWALL AND JOINT COMPOUND,DRYWALL ON CEILING,LOC:191,MENS WASHROOM - B3174**

Bureau Veritas ID: AEFZ05 — Date Analyzed: 2024/10/03

| | P.O.B | Sample Morphology | Asbestos | Other Fibres | Particulate |
|---|---|---|---|---|---|
| Layer 1 | 100 | Homogeneous white drywall joint compound | Not Detected | | Non-Fibrous |

**S0078A WALL,DRYWALL AND JOINT COMPOUND,DRYWALL ON WALLS,LOC:190,WOMENS WASHROOM - B3170**

Bureau Veritas ID: AEFZ06 — Date Analyzed: 2024/10/03

| | P.O.B | Sample Morphology | Asbestos | Other Fibres | Particulate |
|---|---|---|---|---|---|
| Layer 1 | 100 | Homogeneous white drywall joint compound | Not Detected | | Non-Fibrous |

**S0078B WALL,DRYWALL AND JOINT COMPOUND,LOC:191,MENS WASHROOM - B3174**

Bureau Veritas ID: AEFZ07 — Date Analyzed: 2024/10/03

| | P.O.B | Sample Morphology | Asbestos | Other Fibres | Particulate |
|---|---|---|---|---|---|
| Layer 1 | 100 | Homogeneous off-white/light grey drywall joint compound | Not Detected | | Non-Fibrous |

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

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

Bureau Veritas Job #: C4U4262
Report Date: 2024/10/03

Pinchin Ltd
Client Project #: 0347369.000
Sampler Initials: CR

## Asbestos Analytical Results

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

**S0078C WALL,DRYWALL AND JOINT COMPOUND,DRYWALL ON WALLS,LOC:191,MENS WASHROOM - B3174**

Bureau Veritas ID: AEFZ08 Date Analyzed: 2024/10/03

| | P.O.B | Sample Morphology | Asbestos | Other Fibres | | Particulate |
|---|---|---|---|---|---|---|
| Layer 1 | 100 | Homogeneous off-white/light grey drywall joint compound | Not Detected | | | Non-Fibrous |

**S0079A FLOOR,VINYL SHEET FLOORING,BEIGE VINYL SHEET FLOORING,LOC:190,WOMENS WASHROOM - B3170**

Bureau Veritas ID: AEFZ09 Date Analyzed: 2024/10/03

| | P.O.B | Sample Morphology | Asbestos | Other Fibres | | Particulate |
|---|---|---|---|---|---|---|
| Layer 1 | 75 | Homogeneous beige/grey vinyl flooring | Not Detected | Cellulose | 10% | Non-Fibrous |
| Layer 2 | 10 | Homogeneous brown cellulose backing | Not Detected | Cellulose | 90% | Non-Fibrous |
| Layer 3 | 10 | Homogeneous yellow mastic | Not Detected | | | Non-Fibrous |
| Layer 4 | 5 | Homogeneous grey levelling compound | Not Detected | | | Non-Fibrous |

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

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

Bureau Veritas Job #: C4U4262
Report Date: 2024/10/03

Pinchin Ltd
Client Project #: 0347369.000
Sampler Initials: CR

## Asbestos Analytical Results

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

**S0079B FLOOR,VINYL SHEET FLOORING,BEIGE VINYL SHEET FLOORING,LOC:190,WOMENS WASHROOM - B3170**

Bureau Veritas ID: AEFZ10 Date Analyzed: 2024/10/03

| | P.O.B | Sample Morphology | Asbestos | Other Fibres | | Particulate |
|---|---|---|---|---|---|---|
| Layer 1 | 75 | Homogeneous beige/grey vinyl flooring | Not Detected | Cellulose | 10% | Non-Fibrous |
| Layer 2 | 10 | Homogeneous brown cellulose backing | Not Detected | Cellulose | 90% | Non-Fibrous |
| Layer 3 | 5 | Homogeneous yellow mastic | Not Detected | | | Non-Fibrous |
| Layer 4 | 10 | Homogeneous grey levelling compound | Not Detected | | | Non-Fibrous |

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

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

Bureau Veritas Job #: C4U4262
Report Date: 2024/10/03

Pinchin Ltd
Client Project #: 0347369.000
Sampler Initials: CR

## Asbestos Analytical Results

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

**S0079C FLOOR,VINYL SHEET FLOORING,BEIGE VINYL SHEET FLOORING,LOC:190,WOMENS WASHROOM - B3170**

Bureau Veritas ID: AEFZ11 — Date Analyzed: 2024/10/03

| | P.O.B | Sample Morphology | Asbestos | Other Fibres | | Particulate |
|---|---|---|---|---|---|---|
| Layer 1 | 75 | Homogeneous beige/grey vinyl flooring | Not Detected | Cellulose | 10% | Non-Fibrous |
| Layer 2 | 10 | Homogeneous brown cellulose backing | Not Detected | Cellulose | 90% | Non-Fibrous |
| Layer 3 | 10 | Homogeneous yellow mastic | Not Detected | | | Non-Fibrous |
| Layer 4 | 5 | Homogeneous grey levelling compound | Not Detected | | | Non-Fibrous |

**S0080A WALL,ADHESIVE/MASTIC,BEIGE BASEBOARD MASTIC,LOC:190,WOMENS WASHROOM - B3170**

Bureau Veritas ID: AEFZ12 — Date Analyzed: 2024/10/03

| | P.O.B | Sample Morphology | Asbestos | Other Fibres | Particulate |
|---|---|---|---|---|---|
| Layer 1 | 100 | Homogeneous beige mastic | Not Detected | | Non-Fibrous |

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

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

Bureau Veritas Job #: C4U4262
Report Date: 2024/10/03

Pinchin Ltd
Client Project #: 0347369.000
Sampler Initials: CR

## Asbestos Analytical Results

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

**S0080B WALL,ADHESIVE/MASTIC,BEIGE BASEBOARD MASTIC,LOC:190,WOMENS WASHROOM - B3170**

Bureau Veritas ID: AEFZ13 Date Analyzed: 2024/10/03

| | P.O.B | Sample Morphology | Asbestos | Other Fibres | Particulate |
|---|---|---|---|---|---|
| Layer 1 | 100 | Homogeneous beige mastic | Not Detected | | Non-Fibrous |

**S0080C WALL,ADHESIVE/MASTIC,BEIGE BASEBOARD MASTIC,LOC:190,WOMENS WASHROOM - B3170**

Bureau Veritas ID: AEFZ14 Date Analyzed: 2024/10/03

| | P.O.B | Sample Morphology | Asbestos | Other Fibres | Particulate |
|---|---|---|---|---|---|
| Layer 1 | 100 | Homogeneous beige mastic | Not Detected | | Non-Fibrous |

**S0081A WALL,CAULKING,BEIGE CAULKING ON DOOR FRAME,LOC:191,MENS WASHROOM - B3174**

Bureau Veritas ID: AEFZ15 Date Analyzed: 2024/10/03

| | P.O.B | Sample Morphology | Asbestos | Other Fibres | Particulate |
|---|---|---|---|---|---|
| Layer 1 | 100 | Homogeneous beige caulking | Not Detected | | Non-Fibrous |

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

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

Bureau Veritas Job #: C4U4262
Report Date: 2024/10/03

Pinchin Ltd
Client Project #: 0347369.000
Sampler Initials: CR

## Asbestos Analytical Results

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

**S0081B WALL,CAULKING,BEIGE CAULKING ON DOOR FRAME,LOC:191,MENS WASHROOM - B3174**

Bureau Veritas ID: AEFZ16 Date Analyzed: 2024/10/03

| | P.O.B | Sample Morphology | Asbestos | Other Fibres | Particulate |
|---|---|---|---|---|---|
| Layer 1 | 100 | Homogeneous beige caulking | Not Detected | | Non-Fibrous |

**S0081C WALL,CAULKING,BEIGE CAULKING ON DOOR FRAME,LOC:191,MENS WASHROOM - B3174**

Bureau Veritas ID: AEFZ17 Date Analyzed: 2024/10/03

| | P.O.B | Sample Morphology | Asbestos | Other Fibres | Particulate |
|---|---|---|---|---|---|
| Layer 1 | 100 | Homogeneous beige caulking | Not Detected | | Non-Fibrous |

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

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

## TEST SUMMARY

**Bureau Veritas ID:** AEFY91 **Collected:** 2024/09/25
**Sample ID:** S0073A WALL,MORTAR,LOC:404,WOMENS WASHROOM - C2128 **Shipped:**
**Matrix:** Solid **Received:** 2024/09/27

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Asbestos by PLM - 0.5 RDL | MIC | 9676189 | N/A | | Qazi Zeenatun Nisa |

**Bureau Veritas ID:** AEFY92 **Collected:** 2024/09/25
**Sample ID:** S0073B WALL,MORTAR,LOC:404,WOMENS WASHROOM - C2128 **Shipped:**
**Matrix:** Solid **Received:** 2024/09/27

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Asbestos by PLM - 0.5 RDL | MIC | 9676189 | N/A | | Qazi Zeenatun Nisa |

**Bureau Veritas ID:** AEFY93 **Collected:** 2024/09/25
**Sample ID:** S0073C WALL,MORTAR,LOC:403,MENS WASHROOM - C2126 **Shipped:**
**Matrix:** Solid **Received:** 2024/09/27

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Asbestos by PLM - 0.5 RDL | MIC | 9676189 | N/A | | Qazi Zeenatun Nisa |

**Bureau Veritas ID:** AEFY94 **Collected:** 2024/09/25
**Sample ID:** S0074A FLOOR,MORTAR,LOC:404,WOMENS WASHROOM - C2128 **Shipped:**
**Matrix:** Solid **Received:** 2024/09/27

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Asbestos by PLM - 0.5 RDL | MIC | 9676189 | N/A | | Qazi Zeenatun Nisa |

**Bureau Veritas ID:** AEFY95 **Collected:** 2024/09/25
**Sample ID:** S0074B FLOOR,MORTAR,LOC:403,MENS WASHROOM - C2126 **Shipped:**
**Matrix:** Solid **Received:** 2024/09/27

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Asbestos by PLM - 0.5 RDL | MIC | 9676189 | N/A | | Qazi Zeenatun Nisa |

**Bureau Veritas ID:** AEFY96 **Collected:** 2024/09/25
**Sample ID:** S0074C FLOOR,MORTAR,LOC:403,MENS WASHROOM - C2126 **Shipped:**
**Matrix:** Solid **Received:** 2024/09/27

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Asbestos by PLM - 0.5 RDL | MIC | 9676189 | N/A | | Qazi Zeenatun Nisa |

**Bureau Veritas ID:** AEFY97 **Collected:** 2024/09/25
**Sample ID:** S0075A WALL,CAULKING,WHITE CAULKING ALONG WALLS,LOC:404,WOMENS WASHROOM - C2128 **Shipped:**
**Matrix:** Solid **Received:** 2024/09/27

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Asbestos by PLM - 0.5 RDL | MIC | 9676189 | N/A | | Qazi Zeenatun Nisa |



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## TEST SUMMARY

**Bureau Veritas ID:** AEFY98 **Collected:** 2024/09/25
**Sample ID:** S0075B WALL,CAULKING,WHITE CAULKING ALONG WALLS,LOC:404,WOMENS WASHROOM - C2128 **Shipped:**
**Matrix:** Solid **Received:** 2024/09/27

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Asbestos by PLM - 0.5 RDL | MIC | 9676189 | N/A | | Qazi Zeenatun Nisa |

**Bureau Veritas ID:** AEFY99 **Collected:** 2024/09/25
**Sample ID:** S0075C WALL,CAULKING,WHITE CAULKING ALONG WALLS,LOC:403,MENS WASHROOM - C2126 **Shipped:**
**Matrix:** Solid **Received:** 2024/09/27

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Asbestos by PLM - 0.5 RDL | MIC | 9676189 | N/A | | Qazi Zeenatun Nisa |

**Bureau Veritas ID:** AEFY99 Dup **Collected:** 2024/09/25
**Sample ID:** S0075C WALL,CAULKING,WHITE CAULKING ALONG WALLS,LOC:403,MENS WASHROOM - C2126 **Shipped:**
**Matrix:** Solid **Received:** 2024/09/27

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Asbestos by PLM - 0.5 RDL | MIC | 9676189 | N/A | | Qazi Zeenatun Nisa |

**Bureau Veritas ID:** AEFZ00 **Collected:** 2024/09/25
**Sample ID:** S0076A CEILING,DRYWALL AND JOINT COMPOUND,LOC:404,WOMENS WASHROOM - C2128 **Shipped:**
**Matrix:** Solid **Received:** 2024/09/27

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Asbestos by PLM - 0.5 RDL | MIC | 9676189 | N/A | | Qazi Zeenatun Nisa |

**Bureau Veritas ID:** AEFZ01 **Collected:** 2024/09/25
**Sample ID:** S0076B CEILING,DRYWALL AND JOINT COMPOUND,LOC:404,WOMENS WASHROOM - C2128 **Shipped:**
**Matrix:** Solid **Received:** 2024/09/27

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Asbestos by PLM - 0.5 RDL | MIC | 9676189 | N/A | | Qazi Zeenatun Nisa |

**Bureau Veritas ID:** AEFZ02 **Collected:** 2024/09/25
**Sample ID:** S0076C CEILING,DRYWALL AND JOINT COMPOUND,LOC:403,MENS WASHROOM - C2126 **Shipped:**
**Matrix:** Solid **Received:** 2024/09/27

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Asbestos by PLM - 0.5 RDL | MIC | 9676189 | N/A | | Qazi Zeenatun Nisa |

**Bureau Veritas ID:** AEFZ03 **Collected:** 2024/09/25
**Sample ID:** S0077A CEILING,DRYWALL AND JOINT COMPOUND,DRYWALL ON CEILING,LOC:190,WOMENS WASHROOM - B3170 **Shipped:**
**Matrix:** Solid **Received:** 2024/09/27

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Asbestos by PLM - 0.5 RDL | MIC | 9676189 | N/A | | Qazi Zeenatun Nisa |



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## TEST SUMMARY

**Bureau Veritas ID:** AEFZ04 **Collected:** 2024/09/25
**Sample ID:** S0077B CEILING,DRYWALL AND JOINT COMPOUND,DRYWALL ON CEILING,LOC:191,MENS WASHROOM - B3174 **Shipped:**
**Matrix:** Solid **Received:** 2024/09/27

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Asbestos by PLM - 0.5 RDL | MIC | 9676189 | N/A | | Qazi Zeenatun Nisa |

**Bureau Veritas ID:** AEFZ05 **Collected:** 2024/09/25
**Sample ID:** S0077C CEILING,DRYWALL AND JOINT COMPOUND,DRYWALL ON CEILING,LOC:191,MENS WASHROOM - B3174 **Shipped:**
**Matrix:** Solid **Received:** 2024/09/27

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Asbestos by PLM - 0.5 RDL | MIC | 9676189 | N/A | | Qazi Zeenatun Nisa |

**Bureau Veritas ID:** AEFZ06 **Collected:** 2024/09/25
**Sample ID:** S0078A WALL,DRYWALL AND JOINT COMPOUND,DRYWALL ON WALLS,LOC:190,WOMENS WASHROOM - B3170 **Shipped:**
**Matrix:** Solid **Received:** 2024/09/27

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Asbestos by PLM - 0.5 RDL | MIC | 9676189 | N/A | | Qazi Zeenatun Nisa |

**Bureau Veritas ID:** AEFZ07 **Collected:** 2024/09/25
**Sample ID:** S0078B WALL,DRYWALL AND JOINT COMPOUND,LOC:191,MENS WASHROOM - B3174 **Shipped:**
**Matrix:** Solid **Received:** 2024/09/27

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Asbestos by PLM - 0.5 RDL | MIC | 9676189 | N/A | | Qazi Zeenatun Nisa |

**Bureau Veritas ID:** AEFZ08 **Collected:** 2024/09/25
**Sample ID:** S0078C WALL,DRYWALL AND JOINT COMPOUND,DRYWALL ON WALLS,LOC:191,MENS WASHROOM - B3174 **Shipped:**
**Matrix:** Solid **Received:** 2024/09/27

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Asbestos by PLM - 0.5 RDL | MIC | 9676189 | N/A | | Qazi Zeenatun Nisa |

**Bureau Veritas ID:** AEFZ09 **Collected:** 2024/09/25
**Sample ID:** S0079A FLOOR,VINYL SHEET FLOORING,BEIGE VINYL SHEET FLOORING,LOC:190,WOMENS WASHROOM - B3170 **Shipped:**
**Matrix:** Solid **Received:** 2024/09/27

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Asbestos by PLM - 0.5 RDL | MIC | 9676189 | N/A | | Qazi Zeenatun Nisa |

**Bureau Veritas ID:** AEFZ09 Dup **Collected:** 2024/09/25
**Sample ID:** S0079A FLOOR,VINYL SHEET FLOORING,BEIGE VINYL SHEET FLOORING,LOC:190,WOMENS WASHROOM - B3170 **Shipped:**
**Matrix:** Solid **Received:** 2024/09/27

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Asbestos by PLM - 0.5 RDL | MIC | 9676189 | N/A | | Qazi Zeenatun Nisa |



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## TEST SUMMARY

**Bureau Veritas ID:** AEFZ10 **Collected:** 2024/09/25
**Sample ID:** S0079B FLOOR,VINYL SHEET FLOORING,BEIGE VINYL SHEET FLOORING,LOC:190,WOMENS WASHROOM - B3170 **Shipped:**
**Matrix:** Solid **Received:** 2024/09/27

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Asbestos by PLM - 0.5 RDL | MIC | 9676189 | N/A | | Qazi Zeenatun Nisa |

**Bureau Veritas ID:** AEFZ11 **Collected:** 2024/09/25
**Sample ID:** S0079C FLOOR,VINYL SHEET FLOORING,BEIGE VINYL SHEET FLOORING,LOC:190,WOMENS WASHROOM - B3170 **Shipped:**
**Matrix:** Solid **Received:** 2024/09/27

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Asbestos by PLM - 0.5 RDL | MIC | 9676189 | N/A | | Qazi Zeenatun Nisa |

**Bureau Veritas ID:** AEFZ12 **Collected:** 2024/09/25
**Sample ID:** S0080A WALL,ADHESIVE/MASTIC,BEIGE BASEBOARD MASTIC,LOC:190,WOMENS WASHROOM - B3170 **Shipped:**
**Matrix:** Solid **Received:** 2024/09/27

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Asbestos by PLM - 0.5 RDL | MIC | 9676189 | N/A | | Qazi Zeenatun Nisa |

**Bureau Veritas ID:** AEFZ13 **Collected:** 2024/09/25
**Sample ID:** S0080B WALL,ADHESIVE/MASTIC,BEIGE BASEBOARD MASTIC,LOC:190,WOMENS WASHROOM - B3170 **Shipped:**
**Matrix:** Solid **Received:** 2024/09/27

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Asbestos by PLM - 0.5 RDL | MIC | 9676189 | N/A | | Qazi Zeenatun Nisa |

**Bureau Veritas ID:** AEFZ14 **Collected:** 2024/09/25
**Sample ID:** S0080C WALL,ADHESIVE/MASTIC,BEIGE BASEBOARD MASTIC,LOC:190,WOMENS WASHROOM - B3170 **Shipped:**
**Matrix:** Solid **Received:** 2024/09/27

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Asbestos by PLM - 0.5 RDL | MIC | 9676189 | N/A | | Qazi Zeenatun Nisa |

**Bureau Veritas ID:** AEFZ15 **Collected:** 2024/09/25
**Sample ID:** S0081A WALL,CAULKING,BEIGE CAULKING ON DOOR FRAME,LOC:191,MENS WASHROOM - B3174 **Shipped:**
**Matrix:** Solid **Received:** 2024/09/27

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Asbestos by PLM - 0.5 RDL | MIC | 9676189 | N/A | | Qazi Zeenatun Nisa |

**Bureau Veritas ID:** AEFZ16 **Collected:** 2024/09/25
**Sample ID:** S0081B WALL,CAULKING,BEIGE CAULKING ON DOOR FRAME,LOC:191,MENS WASHROOM - B3174 **Shipped:**
**Matrix:** Solid **Received:** 2024/09/27

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Asbestos by PLM - 0.5 RDL | MIC | 9676189 | N/A | | Qazi Zeenatun Nisa |



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Bureau Veritas Job #: C4U4262
Report Date: 2024/10/03

Pinchin Ltd
Client Project #: 0347369.000
Sampler Initials: CR

## TEST SUMMARY

**Bureau Veritas ID:** AEFZ17 **Collected:** 2024/09/25
**Sample ID:** S0081C WALL,CAULKING,BEIGE CAULKING ON DOOR FRAME,LOC:191,MENS WASHROOM - 3RD FL **Shipped:**
**Matrix:** Solid **Received:** 2024/09/27

| Test Description | Instrumentation | Batch | Extracted | Date Analyzed | Analyst |
|---|---|---|---|---|---|
| Asbestos by PLM - 0.5 RDL | MIC | 9676189 | N/A | | Qazi Zeenatun Nisa |



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## GENERAL COMMENTS

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



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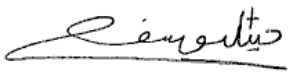
## VALIDATION SIGNATURE PAGE

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



Dina Yousif, Analyst 2

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.



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C4U4262
2024/09/27 11:45

NONT-2024-09-5965

Analyzed by:_____

Reviewed by:_____

Report Sent by:_____

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

**Special Instructions:**

| | | | |
|---|---|---|---|
| **Client Name:** | Fleming College | **Project Address:** | ON |
| **Portfolio/Building No:** | | **Pinchin File:** | 0347369.000 |
| **Submitted by:** | Cole Reynolds | **Email:** | ccreynolds@pinchin.com |
| **CC Results to:** | Meaghan Dunn | **CC Email:** | mdunn@pinchin.com |
| **Date Submitted:** | September 25 2024 | **Required by:** | October 2 2024 |
| **# of Samples:** | 27 | **Priority:** | 5 Day Turnaround |
| **Year of Building Construction (*Mandatory, Years ONLY*):** | 1970 | | |
| **Do NOT Stop on Positive (Sample Numbers):** | | | |
| **Pinchin Group Company (*Mandatory Field*):** | Pinchin | | |
| **HMIS2 Building Reference #:** | 139630/202482392543113 | | |
| **To be Completed by Lab Personnel Only:** | | | |
| **Lab Reference #:** | SEP 2 6 2024 | **Time:** | 24 hour clock |
| **Received by:** | | **Date:** | Month Day Year |
| **Name(s) of Analyst(s):** | | | |

| Sample Prefix | Sample No. | Sample Suffix | Sample Description/Location (Mandatory) |
|---|---|---|---|
| S | 0073 | A | Wall,Mortar,Loc:404,Womens Washroom - C2128 |
| S | 0073 | B | Wall,Mortar,Loc:404,Womens Washroom - C2128 |
| S | 0073 | C | Wall,Mortar,Loc:403,Mens Washroom - C2126 |
| S | 0074 | A | Floor,Mortar,Loc:404,Womens Washroom - C2128 |
| S | 0074 | B | Floor,Mortar,Loc:403,Mens Washroom - C2126 |
| S | 0074 | C | Floor,Mortar,Loc:403,Mens Washroom - C2126 |
| S | 0075 | A | Wall,Caulking,White Caulking Along Walls,Loc:404,Womens Washroom - C2128 |
| S | 0075 | B | Wall,Caulking,White Caulking Along Walls,Loc:404,Womens Washroom - C2128 |

Page 1 of 3

| Sample Prefix | Sample No. | Sample Suffix | Sample Description/Location (Mandatory) |
|---|---|---|---|
| S | 0075 | C | Wall,Caulking,White Caulking Along Walls,Loc:403,Mens Washroom - C2126 |
| S | 0076 | A | Ceiling,Drywall And Joint Compound,Loc:404,Womens Washroom - C2128 |
| S | 0076 | B | Ceiling,Drywall And Joint Compound,Loc:404,Womens Washroom - C2128 |
| S | 0076 | C | Ceiling,Drywall And Joint Compound,Loc:403,Mens Washroom - C2126 |
| S | 0077 | A | Ceiling,Drywall And Joint Compound,Drywall On Ceiling,Loc:190,Womens Washroom - B3170 |
| S | 0077 | B | Ceiling,Drywall And Joint Compound,Drywall On Ceiling,Loc:191,Mens Washroom - B3174 |
| S | 0077 | C | Ceiling,Drywall And Joint Compound,Drywall On Ceiling,Loc:191,Mens Washroom - B3174 |
| S | 0078 | A | Wall,Drywall And Joint Compound,Drywall On Walls,Loc:190,Womens Washroom - B3170 |
| S | 0078 | B | Wall,Drywall And Joint Compound,Loc:191,Mens Washroom - B3174 |
| S | 0078 | C | Wall,Drywall And Joint Compound,Drywall On Walls,Loc:191,Mens Washroom - B3174 |
| S | 0079 | A | Floor,Vinyl Sheet Flooring,Beige Vinyl Sheet Flooring,Loc:190,Womens Washroom - B3170 |
| S | 0079 | B | Floor,Vinyl Sheet Flooring,Beige Vinyl Sheet Flooring,Loc:190,Womens Washroom - B3170 |
| S | 0079 | C | Floor,Vinyl Sheet Flooring,Beige Vinyl Sheet Flooring,Loc:190,Womens Washroom - B3170 |
| S | 0080 | A | Wall,Adhesive/mastic,Beige Baseboard Mastic,Loc:190,Womens Washroom - B3170 |
| S | 0080 | B | Wall,Adhesive/mastic,Beige Baseboard Mastic,Loc:190,Womens Washroom - B3170 |
| S | 0080 | C | Wall,Adhesive/mastic,Beige Baseboard Mastic,Loc:190,Womens Washroom - B3170 |
| S | 0081 | A | Wall,Caulking,Beige Caulking On Door Frame,Loc:191,Mens Washroom - B3174 |

| Sample Prefix | Sample No. | Sample Suffix | Sample Description/Location (Mandatory) |
|---|---|---|---|
| S | 0081 | B | Wall,Caulking,Beige Caulking On Door Frame,Loc:191,Mens Washroom - B3174 |
| S | 0081 | C | Wall,Caulking,Beige Caulking On Door Frame,Loc:191,Mens Washroom - B3174 |

**APPENDIX II-B**

**Lead Analytical Certificates**

Your Project #: 0347369.000
Your C.O.C. #: N/A

**Attention: Meaghan Dunn**

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

**Report Date: 2024/09/30**
Report #: R8342178
Version: 1 - Final

# CERTIFICATE OF ANALYSIS

**BUREAU VERITAS JOB #: C4U2828**
**Received: 2024/09/26, 10:40**

Sample Matrix: Solid
# Samples Received: 4

| Analyses | Quantity | Date Extracted | Date Analyzed | Laboratory Method | Analytical Method |
|---|---|---|---|---|---|
| Metals in Paint | 4 | 2024/09/28 | 2024/09/30 | CAM SOP-00408 | EPA 6010D m |

**Remarks:**

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

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

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

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.
Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested.

Reference Method suffix “m” indicates test methods incorporate validated modifications from specific reference methods to improve performance.
* RPDs calculated using raw data. The rounding of final results may result in the apparent difference.

Your Project #: 0347369.000
Your C.O.C. #: N/A

**Attention: Meaghan Dunn**

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

**Report Date: 2024/09/30**
Report #: R8342178
Version: 1 - Final

# CERTIFICATE OF ANALYSIS

**BUREAU VERITAS JOB #: C4U2828**
**Received: 2024/09/26, 10:40**

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.
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## ELEMENTS BY ATOMIC SPECTROSCOPY (SOLID)

| Bureau Veritas ID | | AECV36 | | | | AECV37 | | | |
|---|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2024/09/24 14:00 | | | | 2024/09/24 14:00 | | | |
| | UNITS | L0005, WHITE PAINT ON DRYWALL, LOC:403, MENS WASHROOM - C2126 | RDL | MDL | QC Batch | L0006, BEIGE PAINT ON DOOR, LOC:403, MENS WASHROOM - C2126 | RDL | MDL | QC Batch |
| **Metals** | | | | | | | | | |
| Lead (Pb) | % | 0.00030 | 0.00015 | 0.000045 | 9669935 | 0.00031 | 0.00026 | 0.000078 | 9669601 |

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch

| Bureau Veritas ID | | AECV38 | | | AECV39 | | | |
|---|---|---|---|---|---|---|---|---|
| Sampling Date | | 2024/09/24 14:00 | | | 2024/09/24 14:00 | | | |
| | UNITS | L0007, OFF-WHITE PAINT ON DRYWALL, LOC:190, WOMENS WASHROOM - B3170 | RDL | MDL | L0008, GREY PAINT ON DOOR, LOC:191, MENS WASHROOM - B3174 | RDL | MDL | QC Batch |
| **Metals** | | | | | | | | |
| Lead (Pb) | % | <0.00031 | 0.00031 | 0.000093 | 0.064 | 0.00018 | 0.000054 | 9669935 |

RDL = Reportable Detection Limit
QC Batch = Quality Control Batch



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## GENERAL COMMENTS

Sample AECV36 [L0005, WHITE PAINT ON DRYWALL, LOC:403, MENS WASHROOM - C2126] : Metal Analysis: Due to limited amount of sample available for analysis, a smaller than usual portion of the sample was used. Detection limits were adjusted accordingly.

Sample AECV37 [L0006, BEIGE PAINT ON DOOR, LOC:403, MENS WASHROOM - C2126] : Metal Analysis: Due to limited amount of sample available for analysis, a smaller than usual portion of the sample was used. Detection limits were adjusted accordingly.

Sample AECV38 [L0007, OFF-WHITE PAINT ON DRYWALL, LOC:190, WOMENS WASHROOM - B3170] : Metal Analysis: Due to limited amount of sample available for analysis, a smaller than usual portion of the sample was used. Detection limits were adjusted accordingly.

Sample AECV39 [L0008, GREY PAINT ON DOOR, LOC:191, MENS WASHROOM - B3174] : Metal Analysis: Due to limited amount of sample available for analysis, a smaller than usual portion of the sample was used. Detection limits were adjusted accordingly.

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



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Bureau Veritas Job #: C4U2828
Report Date: 2024/09/30

## QUALITY ASSURANCE REPORT

Pinchin Ltd
Client Project #: 0347369.000
Sampler Initials: CR

| | | | Matrix Spike | | Method Blank | | RPD | | QC Standard | |
|---|---|---|---|---|---|---|---|---|---|---|
| QC Batch | Parameter | Date | % Recovery | QC Limits | Value | UNITS | Value (%) | QC Limits | % Recovery | QC Limits |
| 9669601 | Lead (Pb) | 2024/09/30 | 97 | 75 - 125 | <0.00010 | % | 3.6 | 35 | 102 | 75 - 125 |
| 9669935 | Lead (Pb) | 2024/09/30 | NC | 75 - 125 | <0.00010 | % | 0.093 | 35 | 101 | 75 - 125 |

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

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

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

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

NC (Matrix Spike): The recovery in the matrix spike was not calculated. The relative difference between the concentration in the parent sample and the spike amount was too small to permit a reliable recovery calculation (matrix spike concentration was less than the native sample concentration)



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## VALIDATION SIGNATURE PAGE

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

Cristina Carriere

Cristina Carriere, Senior Scientific Specialist

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

C4U2828
2024/09/26 10:40

NONT-2024-09-5699

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

# CHAIN OF CUSTODY RECORD



| Invoice Information | Report Information (if differs from invoice) | Project Information (where applicable) | Turnaround Time (TAT) Required |
|---|---|---|---|
| Company Name: Pinchin Ltd. | Company Name: | Quotation #: | [x] Regular TAT (5-7 days) Most analyses |
| Contact Name: Cole Reynolds; Meaghan Dunn | Contact Name: | P.O. #/ AFE#: | PLEASE PROVIDE ADVANCE NOTICE FOR RUSH PROJECTS |
| Address: 11-191 Bloor Street, Oshawa, Ontario | Address: | Project #: 0347369.000 | Rush TAT (Surcharges will be applied) |
| | | Site Location: | [ ] 1 Day [ ] 2 Days [ ] 3-4 Days |
| Phone: Fax: | Phone: Fax: | Site #: | |
| Email: ccreynolds@pinchin.com; mdunn@pinchin.c | Email: | Site Location Province:_____ ON | Date Required: |
| MOE REGULATED DRINKING WATER OR WATER INTENDED FOR HUMAN CONSUMPTION MUST BE SUBMITTED ON THE BUREAU VERITAS DRINKING WATER CHAIN OF CUSTODY | | Sampled By:_____ Cole Reynolds | Rush Confirmation #: |

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

Include Criteria on Certificate of Analysis: Y / N

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

| SAMPLE IDENTIFICATION | DATE SAMPLED (YYYY/MM/DD) | TIME SAMPLED (HH:MM) | MATRIX | # OF CONTAINERS SUBMITTED | FIELD FILTERED (CIRCLE) Metals / Hg / CrVI | BTEX/ PHC F1 | PHCs F2 - F4 | VOCs | REG 153 METALS & INORGANICS | REG 153 ICPMS METALS | REG 153 METALS (Hg, Cr VI, ICPMS Metals, HWS - B) | Lead (Pb) in Paints | PCBs | HOLD- DO NOT ANALYZE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L0005, White Paint On Drywall,Loc:403,Mens Washroom - C2 | 2024-09-24 | 14:00 | BULK | | | | | | | | | x | | |
| L0006, Beige Paint On Door,Loc:403,Mens Washroom - C212 | 2024-09-24 | 14:00 | BULK | | | | | | | | | x | | |
| L0007, Off-white Paint On Drywall,Loc:190,Womens Washro | 2024-09-24 | 14:00 | BULK | | | | | | | | | x | | |
| L0008, Grey Paint On Door,Loc:191,Mens Washroom - B3174 | 2024-09-24 | 14:00 | BULK | | | | | | | | | x | | |

| LABORATORY USE ONLY | | |
|---|---|---|
| CUSTODY SEAL Y / N | | COOLER TEMPERATURES |
| Present | Intact | |
| | | N/A |
| | | |
| | | |

COOLING MEDIA PRESENT: Y / N

COMMENTS

| ~~RELINQUISHED BY: (Signature/Print)~~ | ~~DATE: (YYYY/MM/DD)~~ | ~~TIME: (HH:MM)~~ | RECEIVED BY: (Signature/Print) | DATE: (YYYY/MM/DD) | TIME: (HH:MM) | BV JOB # |
|---|---|---|---|---|---|---|
| Cole Reynolds | 2024-09-25 | 9:00 | SUCAN SALVAP | 2024/09/26 | 10:40 | |

**APPENDIX II-C**

**PCB Analytical Certificates**

AEVITAS INC. (AYR)
ANALYTICAL CHEMISTRY DEPARTMENT
75 WANLESS COURT, AYR, ONTARIO, N0B 1E0, CANADA
WWW.AEVITAS.CA

# Certificate of Analysis

**Cole Reynolds, Meaghan Dunn**

Pinchin Ltd. (Mississauga)
2360 Meadowpine Blvd., Unit 2, Mississauga, ON L5N 6S2

Date of Issue: Oct 04, 2024

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

| | | | |
|---|---|---|---|
| **Project Name:** | N/A | **Date Sampled:** | Sep 25, 2024 |
| **Project No.:** | 0347369.000 | **Date Tested:** | Oct 03, 2024 |
| **Site Location:** | N/A | **Sampled by:** | Cole R |

## Report Number: 24-1219

| No. | Analyte | Result | Units | MDL | Comments | Technique / Test Method |
|---|---|---|---|---|---|---|
| 1 | *Sample ID.:* ***P0002 Caulking, White Caulking, Along Walls, Loc:403, Mens Washroom. C2126*** | | | | | |
| | PCBs in Solid | **<0.2** | mg/Kg | 0.2 | | LAB-M06 (EPA 3550C/8082A modified) |
| 2 | *Sample ID.:* ***P0003 Caulking, Beige Caulking On Door Frame, Loc:191, Mens Washroom - B2174*** | | | | | |
| | PCBs in Solid | **<0.2** | mg/Kg | 0.2 | | LAB-M06 (EPA 3550C/8082A modified) |

Results apply to the sample(s) as received.

Approved By:

**Son C.H. Le,** *(Chem.)*
Lab Manager
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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 investigation was conducted to identify the type of Hazardous Building Materials incorporated in the structure and its finishes.

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

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

### 1.1 Asbestos

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

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

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

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

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

Analytical results were compared to the following criteria:

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

* If there is a conflict between federal and provincial criteria, the more stringent will apply.

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).

For a complete description of the Evaluation Criteria and Basis of Recommendations, refer to Annex A.

## 1.2 Lead

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

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

Analytical results were compared to the following criteria:

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

* If there is a conflict between federal and provincial criteria, the more stringent will apply.

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

### 1.3 Silica

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

### 1.4 Mercury

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

### 1.5 Polychlorinated Biphenyls

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

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

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

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.

**APPENDIX IV**

**Location Summary Report**

HMIS
HAZARDOUS MATERIALS INVENTORY SYSTEM

# LOCATIONS LIST

PINCHIN
1.855.PINCHIN www.pinchin.com

**Client:Fleming College**
**Site: 599 Brealey Dr, Peterborough, ON**
**Building Name: Main Building**
**Survey Date:**
**Last Re-Assessment:**
**Building Phases: A:**

| Location No. | Name or Description | Area ft² | Floor No. | Bldg. Phase | Notes |
|---|---|---|---|---|---|
| 190 | Womens Washroom - B3170, room no. B3170 | 250 | B3 | A | No access above ceiling |
| 191 | Mens Washroom - B3174, room no. B3174 | 250 | B3 | A | Above-ceiling access via hatch |
| 403 | Mens Washroom - C2126, room no. C2126 | 160 | C2 | A | No spot on provided maps near elevator on lower level |
| 404 | Womens Washroom - C2128, room no. C2128 | 180 | C2 | A | No spot on provided maps near elevator on lower level |

**APPENDIX V**

**Hazardous Materials Summary Report / Sample Log**

HMIS
HAZARDOUS MATERIALS INVENTORY SYSTEM

# HAZARDOUS MATERIALS SUMMARY / SAMPLE LOG

PINCHIN
1.855.PINCHIN www.pinchin.com

**Client:Fleming College** **Site: 599 Brealey Dr, Peterborough, ON** **Building Name: Main Building** **Survey Date:**

| HAZMAT | Sample No | System/Component/Material/Sample Description | Locations | Bldg. Phase | LF | SF | EA | % | Type | Positive | Friability |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Asbestos | S0073 ABC | Wall \| \| Mortar \| Mortar Behind Ceramic Wall Tiles | 403,404 | A | 0 | 360 | 0 | 0 | None Detected | No | |
| Asbestos | S0074 ABC | Floor \| \| Mortar \| Mortar Beneath Ceramic Floor Tiles | 191,403,404 | A | 0 | 590 | 0 | 0 | None Detected | No | |
| Asbestos | S0075 ABC | Wall \| \| Caulking \| White Caulking Along Walls | 403,404 | A | 80 | 0 | 0 | 0 | None Detected | No | |
| Asbestos | S0076 ABC | Ceiling \| \| Drywall And Joint Compound \| Drywall Joint Compound On Ceilings | 403,404 | A | 0 | 340 | 0 | 0 | None Detected | No | |
| Asbestos | S0077 ABC | Ceiling \| \| Drywall And Joint Compound \| Drywall On Ceiling | 190,191 | A | 0 | 500 | 0 | 0 | None Detected | No | |
| Asbestos | S0078 ABC | Wall \| \| Drywall And Joint Compound \| Drywall On Walls | 190,191 | A | 0 | 600 | 0 | 0 | None Detected | No | |
| Asbestos | S0079 ABC | Floor \| \| Vinyl Sheet Flooring \| Beige Vinyl Sheet Flooring | 190 | A | 0 | 250 | 0 | 0 | None Detected | No | |
| Asbestos | S0080 ABC | Wall \| \| Adhesive/mastic \| Beige Baseboard Mastic | 190,191 | A | 0 | 100 | 0 | 0 | None Detected | No | |
| Asbestos | S0081 ABC | Wall \| \| Caulking \| Beige Caulking On Door Frame | 191 | A | 0 | 20 | 0 | 0 | None Detected | No | |
| Asbestos | V9000 | Piping \| Drain \| Cement Product \| | 191 | A | 0 | 2 | 0 | 0 | Confirmed Asbestos | Yes | NF |
| Asbestos | V0000 | Floor \| \| Ceramic Tiles \| | 403,404 | A | 0 | 340 | 0 | 0 | Non Asbestos | No | |
| Asbestos | V0000 | Wall \| \| Ceramic Tiles \| | 403 | A | 0 | 180 | 0 | 0 | Non Asbestos | No | |
| Paint | L0005 | Ceiling \| Drywall And Joint Compound \| White Paint On Drywall | 403,404 | A | 0 | 360 | 0 | 0 | | No | - |
| Paint | L0006 | Wall \| Metal \| Beige Paint On Door | 403,404 | A | 0 | 40 | 0 | 0 | | No | - |
| Paint | L0007 | Wall \| Drywall And Joint Compound \| Off-white Paint On Drywall | 190,191 | A | 0 | 500 | 0 | 0 | | No | - |
| Paint | L0008 | Wall \| Metal \| Grey Paint On Door | 191 | A | 0 | 20 | 0 | 0 | Lead (Low) | Yes | - |
| PCB | P0002 | Caulking \| White Caulking Along Walls | 403,404 | A | 80 | 0 | 0 | 0 | - | No | - |
| PCB | P0003 | Caulking \| Beige Caulking On Door Frame | 191 | A | 20 | 0 | 0 | 0 | - | No | - |
| PCB | V0000 | Light Ballasts | 190,191,403,404 | A | 0 | 0 | 18 | 0 | - | No | - |
| Hg | V0000 | Light Fixture | 190,191,403,404 | A | 0 | 0 | 18 | 0 | - | No | - |

# Legend:

| Sample number | |
|---|---|
| S#### | Asbestos sample collected |
| L#### | Paint sample collected |
| P#### | PCB sample collected |
| M#### | Mould sample collected |
| V#### | Material visually similar to numbered sample collected |
| V0000 | Known non Hazardous Material |
| V9000 | Material is visually identified as Hazardous Material |
| V9500 | Material is presumed to be Hazardous Material |
| [Loc. No.] | Abated Material |

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

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

**APPENDIX VI**

**HMIS All Data Report**

**Client: Fleming College** **Site: 599 Brealey Dr, Peterborough, ON** **Building Name: Main Building**
**Location: #190 : Womens Washroom - B3170** **Floor: B3** **Room #: B3170** **Area (sqft): 250**
**Survey Date: 2024-09-24** **Last Re-Assessment:**

| ASBESTOS | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| System | Component | Material | Item | Covering | A* | V* | AP* | Good | Fair | Poor | Unit | Sample | Asbestos Type | Amount | Hazard | Friable |
| Ceiling | | Drywall and joint compound, Drywall on ceiling | | Paint | C | Y | | 250 | | | SF | S0077A | None Detected | N.D. | None | |
| Duct | | Not Insulated | | | C | N | | | | | LF | | | | | |
| Floor | | Vinyl Sheet Flooring, Beige vinyl sheet flooring | | | A | Y | | 250 | | | SF | S0079ABC | None Detected | N.D. | None | |
| Mechanical Equipment | Not Accessible | N/A | | | | | | | | | | | | | | |
| Piping | | Not Insulated | | | C | N | | | | | | | | | | |
| Structure | Not Accessible | | | | | | | | | | | | | | | |
| Wall | | Drywall and joint compound, Drywall on walls | | Paint | A | Y | | 300 | | | SF | S0078A | None Detected | N.D. | None | |
| Wall[1] | | Plastic | | | A | Y | | 100 | | | SF | | | | | |
| Wall | | Adhesive/mastic, Beige baseboard mastic | Base | Rubber | D | N | | 50 | | | SF | S0080ABC | None Detected | N.D. | None | |

No access above ceiling
1 - Plastic board, adhered with drywall compound and caulking

**Client: Fleming College** **Site: 599 Brealey Dr, Peterborough, ON** **Building Name: Main Building**
**Location: #190 : Womens Washroom - B3170** **Floor: B3** **Room #: B3170** **Area (sqft): 250**
**Survey Date: 2024-09-24** **Last Re-Assessment:**

| PAINT | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| System | Item | Good | Poor | Unit | Sample | Sample Description | Amount | Hazard |
| Wall | Drywall and joint compound | 250 | | SF | L0007 | Off-white paint on drywall | Pb: <0.00031 % | No |

No access above ceiling

**Client: Fleming College** **Site: 599 Brealey Dr, Peterborough, ON** **Building Name: Main Building**
**Location: #190 : Womens Washroom - B3170** **Floor: B3** **Room #: B3170** **Area (sqft): 250**
**Survey Date: 2024-09-24** **Last Re-Assessment:**

| MERCURY | | | | |
|---|---|---|---|---|
| Component | Quantity | Unit | Sample | Hazard |
| Light Fixture[1] | 6 | EA | V0000 | |

No access above ceiling
1 - LED

**Client: Fleming College** **Site: 599 Brealey Dr, Peterborough, ON** **Building Name: Main Building**
**Location: #190 : Womens Washroom - B3170** **Floor: B3** **Room #: B3170** **Area (sqft): 250**
**Survey Date: 2024-09-24** **Last Re-Assessment:**

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

No access above ceiling

**Client: Fleming College** **Site: 599 Brealey Dr, Peterborough, ON** **Building Name: Main Building**
**Location: #191 : Mens Washroom - B3174** **Floor: B3** **Room #: B3174** **Area (sqft): 250**
**Survey Date: 2024-09-24** **Last Re-Assessment:**

| ASBESTOS | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| System | Component | Material | Item | Covering | A* | V* | AP* | Good | Fair | Poor | Unit | Sample | Asbestos Type | Amount | Hazard | Friable |
| Ceiling | | Drywall and joint compound, Drywall on ceiling | | Paint | C | Y | | 250 | | | SF | S0077BC | None Detected | N.D. | None | |
| Duct | | Not Insulated | | | C | N | | 50 | | | LF | | | | | |
| Floor | | Ceramic Tiles | Surface | | A | Y | | | | | | | | | | |
| Floor | | Mortar, Mortar beneath ceramic floor tiles | | Ceramic Tiles | D | N | | 250 | | | SF | V0074 | None Detected | N.D. | None | |
| Mechanical Equipment | | None Found | | | | | | | | | | | | | | |
| Piping | | Fibreglass | | | C | N | | 30 | | | LF | | | | | |
| Piping | | Not Insulated | | | C | N | | 20 | | | LF | | | | | |
| Piping[1] | Drain | Cement Product | | | C | N | | 2 | | | SF | V9000 | Confirmed Asbestos | | Confirmed Asbestos | NF |
| Structure | | Not Insulated | | | C | N | | | | | | | | | | |
| Wall | | Drywall and joint compound | | | C | N | | 300 | | | SF | S0078BC | None Detected | N.D. | None | |
| Wall[2] | | Plastic | | | A | Y | | 100 | | | SF | | | | | |
| Wall | | Adhesive/mastic, Beige baseboard mastic | Base | Rubber | D | N | | 50 | | | SF | V0080 | None Detected | N.D. | None | |
| Wall | | Caulking, Beige caulking on door frame | | | A | Y | | 20 | | | SF | S0081ABC | None Detected | N.D. | None | |

Above-ceiling access via hatch
1 - Near ceiling hatch
2 - Plastic board, adhered with drywall compound and caulking

**Client: Fleming College** **Site: 599 Brealey Dr, Peterborough, ON** **Building Name: Main Building**
**Location: #191 : Mens Washroom - B3174** **Floor: B3** **Room #: B3174** **Area (sqft): 250**
**Survey Date: 2024-09-24** **Last Re-Assessment:**

| PAINT | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| System | Item | Good | Poor | Unit | Sample | Sample Description | Amount | Hazard |
| Wall | Metal | 20 | | SF | L0008 | Grey paint on door | Pb: 0.064 % | Lead (Low) |
| Wall | Drywall and joint compound | 250 | | SF | V0007 | Off-white paint on drywall | Pb: <0.00031 % | No |

Above-ceiling access via hatch

**Client: Fleming College** **Site: 599 Brealey Dr, Peterborough, ON** **Building Name: Main Building**
**Location: #191 : Mens Washroom - B3174** **Floor: B3** **Room #: B3174** **Area (sqft): 250**
**Survey Date: 2024-09-24** **Last Re-Assessment:**

| MERCURY | | | | |
|---|---|---|---|---|
| Component | Quantity | Unit | Sample | Hazard |
| Light Fixture[1] | 6 | EA | V0000 | |

Above-ceiling access via hatch
1 - LED

**Client: Fleming College** **Site: 599 Brealey Dr, Peterborough, ON** **Building Name: Main Building**
**Location: #191 : Mens Washroom - B3174** **Floor: B3** **Room #: B3174** **Area (sqft): 250**

**Survey Date: 2024-09-24** **Last Re-Assessment:**

| PCB | | | | | | |
|---|---|---|---|---|---|---|
| **Component** | **Quantity** | **Unit** | **Sample** | **Sample Description** | **Amount** | **PCB** |
| Caulking | 20 | LF | P0003 | Beige caulking on door frame | <0.2 mg/kg | No |
| Light Ballasts | 6 | EA | V0000 | LED | | No |

Above-ceiling access via hatch

**Client: Fleming College** **Site: 599 Brealey Dr, Peterborough, ON** **Building Name: Main Building**
**Location: #403 : Mens Washroom - C2126** **Floor: C2** **Room #: C2126** **Area (sqft): 160**
**Survey Date: 2024-09-23** **Last Re-Assessment:**

| ASBESTOS | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| System | Component | Material | Item | Covering | A* | V* | AP* | Good | Fair | Poor | Unit | Sample | Asbestos Type | Amount | Hazard | Friable |
| Ceiling | | Drywall and joint compound | | Paint | C | Y | | 160 | | | SF | S0076C | None Detected | N.D. | None | |
| Duct | | Fibreglass | | Foil Face | C | N | | | | | | | | | | |
| Floor | | Ceramic Tiles | | | A | Y | | 160 | | | SF | V0000 | Non-Asbestos | | None | |
| Floor | | Mortar, Mortar beneath ceramic floor tiles | | Ceramic Tiles | D | N | | 160 | | | SF | S0074BC | None Detected | N.D. | None | |
| Mechanical Equipment | | None Found | | | | | | | | | | | | | | |
| Piping | Drain | Not Insulated | | | C | N | | | | | | | | | | |
| Structure | | Concrete (poured) | | Drywall and joint compound | C | N | | 160 | | | SF | | | | | |
| Wall | | Masonry | | Ceramic Tiles | A | Y | | | | | | | | | | |
| Wall | | Ceramic Tiles | | | A | Y | | 180 | | | SF | V0000 | Non-Asbestos | | None | |
| Wall | | Mortar, Mortar behind ceramic wall tiles | | Ceramic Tiles | D | N | | 180 | | | SF | S0073C | None Detected | N.D. | None | |
| Wall | | Caulking, White caulking along walls | | | A | Y | | 40 | | | LF | S0075C | None Detected | N.D. | None | |

No spot on provided maps near elevator on lower level

**Client: Fleming College** **Site: 599 Brealey Dr, Peterborough, ON** **Building Name: Main Building**
**Location: #403 : Mens Washroom - C2126** **Floor: C2** **Room #: C2126** **Area (sqft): 160**
**Survey Date: 2024-09-23** **Last Re-Assessment:**

| PAINT | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| System | Item | Good | Poor | Unit | Sample | Sample Description | Amount | Hazard |
| Ceiling | Drywall and joint compound | 180 | | SF | L0005 | White paint on drywall | Pb: 0.00030 % | No |
| Wall | Metal | 20 | | SF | L0006 | Beige paint on door | Pb: 0.00031 % | No |

No spot on provided maps near elevator on lower level

**Client: Fleming College** **Site: 599 Brealey Dr, Peterborough, ON** **Building Name: Main Building**
**Location: #403 : Mens Washroom - C2126** **Floor: C2** **Room #: C2126** **Area (sqft): 160**
**Survey Date: 2024-09-23** **Last Re-Assessment:**

| MERCURY | | | | |
|---|---|---|---|---|
| Component | Quantity | Unit | Sample | Hazard |
| Light Fixture[1] | 3 | EA | V0000 | |

No spot on provided maps near elevator on lower level
1 - LED

**Client: Fleming College** **Site: 599 Brealey Dr, Peterborough, ON** **Building Name: Main Building**
**Location: #403 : Mens Washroom - C2126** **Floor: C2** **Room #: C2126** **Area (sqft): 160**
**Survey Date: 2024-09-23** **Last Re-Assessment:**

| PCB | | | | | | |
|---|---|---|---|---|---|---|
| Component | Quantity | Unit | Sample | Sample Description | Amount | PCB |
| Caulking | 40 | LF | P0002 | White caulking along walls | <0.2 mg/kg | No |

| PCB | | | | | | |
|---|---|---|---|---|---|---|
| **Component** | **Quantity** | **Unit** | **Sample** | **Sample Description** | **Amount** | **PCB** |
| Light Ballasts | 3 | EA | V0000 | LED | | No |

No spot on provided maps near elevator on lower level

**Client: Fleming College** **Site: 599 Brealey Dr, Peterborough, ON** **Building Name: Main Building**
**Location: #404 : Womens Washroom - C2128** **Floor: C2** **Room #: C2128** **Area (sqft): 180**
**Survey Date: 2024-09-24** **Last Re-Assessment:**

| ASBESTOS | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| System | Component | Material | Item | Covering | A* | V* | AP* | Good | Fair | Poor | Unit | Sample | Asbestos Type | Amount | Hazard | Friable |
| Ceiling | | Drywall and joint compound, Drywall joint compound on ceiling | | Paint | C | Y | | 180 | | | SF | S0076AB | None Detected | N.D. | None | |
| Duct | Not Accessible | N/A | | | C | N | | | | | | | | | | |
| Floor | | Ceramic Tiles | | | A | Y | | 180 | | | SF | V0000 | Non-Asbestos | | None | |
| Floor | | Mortar | | Ceramic Tiles | D | N | | 180 | | | SF | S0074A | None Detected | N.D. | None | |
| Mechanical Equipment | | None Found | | | | | | | | | | | | | | |
| Piping | Not Accessible | N/A | | | C | N | | | | | | | | | | |
| Structure | Not Accessible | N/A | | | | | | | | | | | | | | |
| Wall | | Masonry | | Ceramic Tiles | D | N | | | | | | | | | | |
| Wall | | Ceramic Tiles | | | A | Y | | 180 | | | SF | | | | | |
| Wall | | Mortar | | Ceramic Tiles | D | N | | 180 | | | SF | S0073AB | None Detected | N.D. | None | |
| Wall | | Caulking, White caulking along walls | | | A | Y | | 40 | | | LF | S0075AB | None Detected | N.D. | None | |

No spot on provided maps near elevator on lower level

**Client: Fleming College** **Site: 599 Brealey Dr, Peterborough, ON** **Building Name: Main Building**
**Location: #404 : Womens Washroom - C2128** **Floor: C2** **Room #: C2128** **Area (sqft): 180**
**Survey Date: 2024-09-24** **Last Re-Assessment:**

| PAINT | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| System | Item | Good | Poor | Unit | Sample | Sample Description | Amount | Hazard |
| Ceiling | Drywall and joint compound | 180 | | SF | V0005 | White paint on drywall | Pb: 0.00030 % | No |
| Wall | Metal | 20 | | SF | V0006 | Beige paint on door | Pb: 0.00031 % | No |

No spot on provided maps near elevator on lower level

**Client: Fleming College** **Site: 599 Brealey Dr, Peterborough, ON** **Building Name: Main Building**
**Location: #404 : Womens Washroom - C2128** **Floor: C2** **Room #: C2128** **Area (sqft): 180**
**Survey Date: 2024-09-24** **Last Re-Assessment:**

| MERCURY | | | | |
|---|---|---|---|---|
| Component | Quantity | Unit | Sample | Hazard |
| Light Fixture[1] | 3 | EA | V0000 | |

No spot on provided maps near elevator on lower level
1 - LED

**Client: Fleming College** **Site: 599 Brealey Dr, Peterborough, ON** **Building Name: Main Building**
**Location: #404 : Womens Washroom - C2128** **Floor: C2** **Room #: C2128** **Area (sqft): 180**
**Survey Date: 2024-09-24** **Last Re-Assessment:**

| PCB | | | | | | |
|---|---|---|---|---|---|---|
| Component | Quantity | Unit | Sample | Sample Description | Amount | PCB |
| Light Ballasts | 3 | EA | V0000 | LED | | No |
| Caulking | 40 | LF | V0002 | White caulking along walls | <0.2 mg/kg | No |

No spot on provided maps near elevator on lower level

# Legend:

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

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

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

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

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

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

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

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

## APPENDIX VII

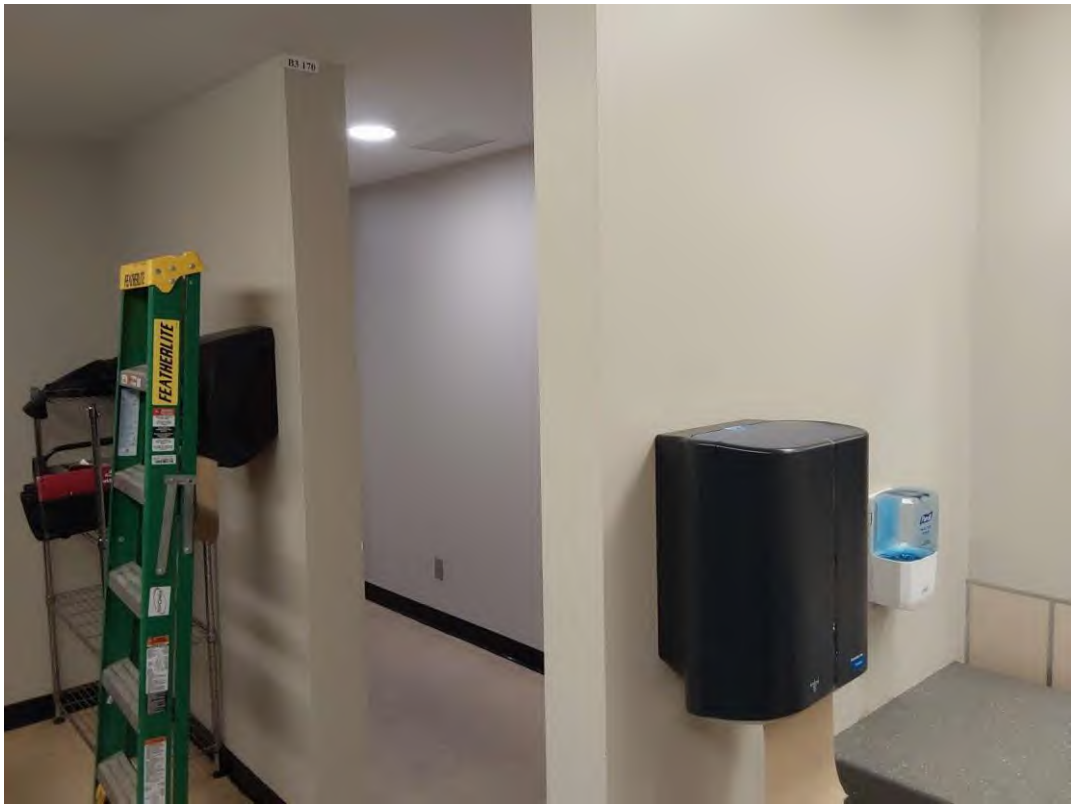
## Additional Photographs

S0073A (None), Wall, Mortar, Women’s Washroom - C2128 (Location #: 404)

S0075A (None), White caulking along walls, Wall, Caulking, Women’s Washroom - C2128 (Location #: 404)

S0076C (None), Ceiling, Drywall and joint compound, Men’s Washroom - C2126 (Location #: 403)

S0077A (None), Drywall on ceiling, Ceiling, Drywall and joint compound, Women’s Washroom - B3170 (Location #: 190)




S0078A (None), Drywall on walls, Wall, Drywall and joint compound, Women’s Washroom - B3170 (Location #: 190)

S0078B (None), Wall, Drywall and joint compound, Men’s Washroom - B3174 (Location #: 191)

S0079C (None), Beige vinyl sheet flooring, Floor, Vinyl Sheet Flooring, Women’s Washroom - B3170 (Location #: 190)

S0080C (None), Beige baseboard mastic, Wall, Adhesive/mastic, Women’s Washroom - B3170 (Location #: 190)

S0081C (None), Beige caulking on door frame, Wall, Caulking, Men’s Washroom - B3174 (Location #: 191)

V9000 (Confirmed Asbestos), Piping, Drain, Cement Product, Men’s Washroom - B3174 (Location #: 191)
Near ceiling hatch

Wall, Plastic, Women’s Washroom - B3170 (Location #: 190)
Plastic board, adhered with drywall compound and caulking

Piping, Not Insulated, Men’s Washroom - B3174 (Location #: 191)

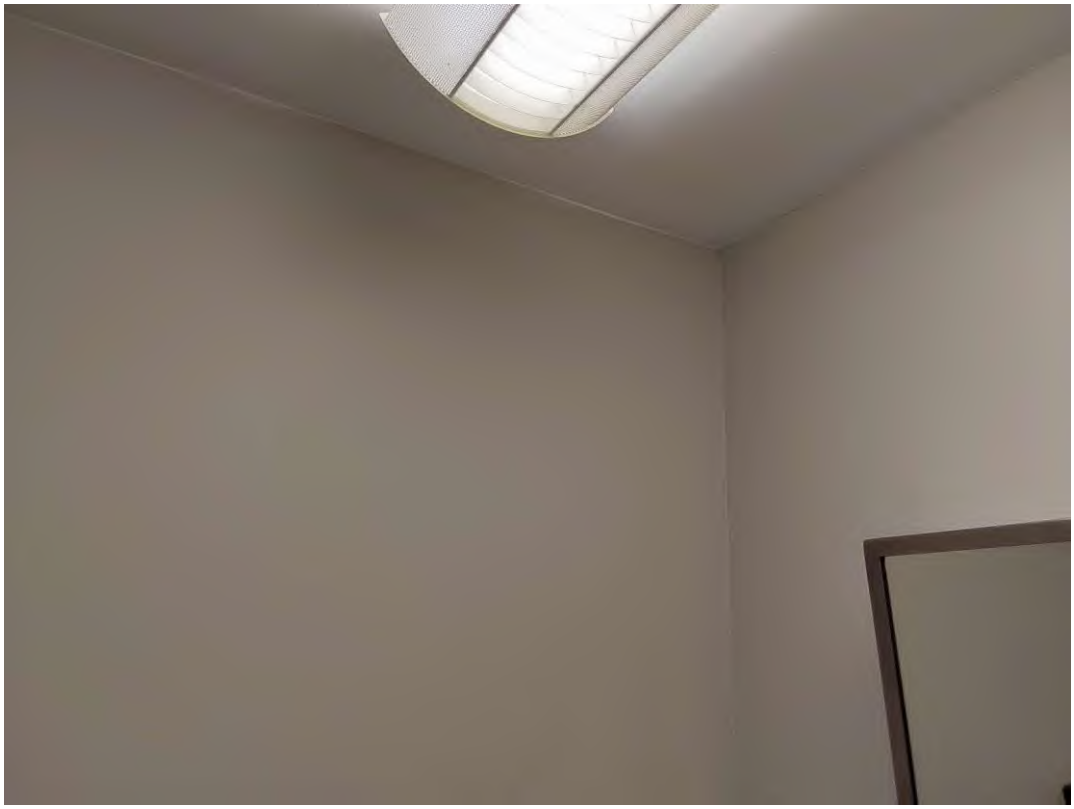
Duct, Not Insulated, Men’s Washroom - B3174 (Location #: 191)

Piping, Fibreglass, Men’s Washroom - B3174 (Location #: 191)

Structure, Concrete (poured), Men’s Washroom - C2126 (Location #: 403)

L0005(Lead, None), White paint on drywall, Ceiling, Men’s Washroom - C2126 (Location #: 403)

L0006(Lead, None), Beige paint on door, Wall, Men’s Washroom - C2126 (Location #: 403)



L0007(Lead, None), Off-white paint on drywall, Wall, Women’s Washroom - B3170 (Location #: 190)


L0008(Lead, Low), Grey paint on door, Wall, Men’s Washroom - B3174 (Location #: 191)


Mercury, V0000(No), LIGHT FIXTURE, LED, Men’s Washroom - C2126 (Location #: 403)

PCB, P0003(No), CAULKING, Beige caulking on door frame, Men’s Washroom - B3174 (Location #: 191)

PCB, P0002(No), CAULKING, White caulking along walls, Men’s Washroom - C2126 (Location #: 403)


Women’s Washroom - B3170 (Location #: 190)

Men’s Washroom - B3174 (Location #: 191)


Women’s Washroom - C2128 (Location #: 404)


Building Photo