



Designated Substances Survey -12 Queen Street, Lakefield, Ontario

June 6, 2022

Prepared for:
Township of Selwyn

Cambium Reference: 15392-001

CAMBIUM INC.

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cambium-inc.com

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Executive Summary

Cambium Inc. (Cambium) was retained by the Township of Selwyn (Client) to complete a Designated Substances Survey (DSS) of the building at 12 Queen Street, Lakefield, Ontario.

Cambium understands that the purpose of the DSS was to identify potential designated substances in the building prior to planned renovation activities.

The survey was performed by Cambium on May 11, 2022. The survey included the entire building.

Key Findings and Recommendations

Asbestos

- Aircell pipe insulation, containing chrysotile asbestos, is present on select hot water heating pipes and is present in residual amounts on piping in the basement of the building. Remove residual Aircell pipe insulation using Type 2 glovebag procedures as outlined in O. Reg. 278/05. If affected by planned renovation activities, remove remaining Aircell pipe insulation on piping using Type 2 glovebag procedures as outlined in O. Reg. 278/05.
- Parging cement pipe insulation, containing chrysotile asbestos, is present on select hot water heating pipes and is present in residual amounts on piping in the basement of the building. Remove residual parging cement pipe insulation using Type 2 glovebag procedures as outlined in O. Reg. 278/05. If affected by planned renovation activities, remove remaining parging cement pipe insulation on piping using Type 2 glovebag procedures as outlined in O. Reg. 278/05.
- Beige pattern vinyl sheet flooring, containing chrysotile asbestos, is present in the second floor kitchen and basement stairwell of the building. If affected by planned renovations, remove beige pattern vinyl sheet flooring using Type 2 procedures as outlined in O. Reg. 278/05.
- White vinyl sheet flooring, containing chrysotile asbestos, is present (concealed beneath non-asbestos grey vinyl sheet flooring) in the second floor washroom of the building. If



affected by planned renovations, remove white vinyl sheet flooring using Type 2 procedures as outlined in O. Reg. 278/05.

- Black sink coating, containing chrysotile asbestos, is present on the bottom of the sink in the kitchen of the second floor and on the sink in the basement of the building. If affected by planned renovations, remove sink coating using Type 1 procedures as outlined in O. Reg. 278/05.

Lead

- Grey paint on wood and green paint on wood, light grey paint on plaster, beige paint on metal, pink paint on wood, green paint on wood, white paint on wood, and white paint on plaster is lead-based. If affected by planned renovations, remove lead-based painted finishes using Class 1 procedures as outlined in the guideline, "Lead Guideline For Construction, Renovation, Maintenance or Repair" issued by Environmental Abatement Council of Canada, dated October 2014.
- If affected by planned renovations, leachate samples should be performed on lead-based paints to determine the appropriate waste stream and disposed of in accordance with O. Reg. 347.
- Lead may be present in wiring connectors, electric cable sheathing, and piping and solder joints on piping.
- Lead-containing materials (i.e., wiring, piping, etc.) should be recycled if not in use.

Mercury

- Mercury is likely to be present as a liquid in thermostats and in minor quantities as a vapour within all fluorescent light tubes throughout the building.

Silica

- Silica is assumed to be present in concrete products observed throughout the building. Any work involving the disturbance of materials that may contain silica should be conducted



following recommendations detailed in the Ministry of Labour document “*Guideline – Silica on Construction Projects*”, dated April 2011.

PCBs

- Polychlorinated biphenyls (PCBs) may be present in fluorescent light ballasts in the building. Light ballasts confirmed or assumed to contain PCBs must be disposed of following the requirements of the Ontario Environmental Protection Act, Ontario regulation 362: PCB Waste Management and Ontario Regulation 347: General-Waste Management.

Complete commentary on each of the designated substances in the building can be found in the body of this report. The executive summary is not intended to substitute for the complete report, nor does it discuss some of the specific issues documented in the report.



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1.0 Introduction

Cambium Inc. (Cambium) was retained by the Township of Selwyn (Client) to complete a Designated Substances Survey (DSS) of the building at 12 Queen Street, Lakefield, Ontario.

Cambium understands that the purpose of the DSS was to identify potential designated substances in the building prior to planned renovation activities.

The survey was performed by Cambium on May 11, 2022. The survey included the entire building.

Section 30 of the Ontario Occupational Health and Safety Act and Ontario Regulation (O. Reg.) 490/09 requires that all designated substances at a project site or construction project be reported to all construction contractors working at the site; a DSS report identifies the designated substances present, their locations, and their concentrations (when available). Designated substances are defined by the Occupational Health and Safety Act (Act) under Section 1 (1) as “a biological, chemical or physical agent or combination thereof prescribed as a designated substance to which the exposure of a worker is prohibited, regulated, restricted, limited or controlled”. Specific regulations have been made to regulate workplace exposure to the following substances:

- Acrylonitrile
- Benzene
- Isocyanates
- Silica
- Arsenic
- Coke Oven Emissions
- Lead
- Vinyl Chloride
- Asbestos
- Ethylene Oxide
- Mercury

In addition to O. Reg. 490/09, O. Reg. 278/05 regulates *Asbestos on Construction Projects and in Buildings and Repair Operations* in Ontario. Under O. Reg. 278/05, building owners have specific requirements that must be met.

Lastly, although not required under Section 30 of OHSA, O. Reg. 490/09 and/or O. Reg. 278/05, there is the potential for additional hazardous materials to be present within the



building. The identification of these hazardous materials will assist contractors with appropriate waste handling procedures. Cambium surveyed the Site to determine if any hazardous materials were present that would require special handling during renovation activities. The following hazardous materials were noted if present:

- Polychlorinated Biphenyls (PCBs)
- Ozone-Depleting Substances (ODS)
- Urea Formaldehyde Foam Insulation (UFFI)



2.0 Methodology

2.1 Visual Inspection

The visual assessment included the identification of potential friable and non-friable asbestos-containing materials, paints and/or finishes suspected of containing lead, mercury, and other designated substances or hazardous materials within the building. In addition, the condition, quantity, and friability (with regards to asbestos-containing materials) of the materials were noted.

2.2 Asbestos

Building materials suspected of containing asbestos were identified and representative sampling of these materials was conducted. O. Reg. 278/05 outlines the requirements for the collection of multiple samples of each homogeneous material suspected of containing asbestos. The number of bulk samples was collected in accordance with the requirements presented in O. Reg. 278/05.

Bulk samples of materials suspected of containing asbestos were collected using hand sampling tools. The quantity and condition of the materials suspected of containing asbestos were documented by Cambium.

All samples for asbestos analysis were submitted to Scientific Analytical Institute (SAI) in North Carolina, United States of America. SAI is accredited through the National Voluntary Laboratory Accreditation Program for bulk asbestos fibre by polarized light microscopy (PLM). Samples were analysed following the analytical procedure prescribed by the Regulation 278/05 – U.S. Environmental Protection Agency Test Method EPA/600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials, June 1993.

Using the stop positive approach, SAI was instructed to stop analysing samples from any one material if greater than 0.5 percent asbestos was detected in any one of the samples from that material. If no asbestos is detected, all samples were analysed. All samples of identified homogeneous building materials were analysed.



Asbestos-containing materials (ACMs) were evaluated based on their condition in order to make remedial recommendations. In general, an ACM is considered to be in good condition if it shows no signs of damage or deterioration, fair condition if it shows signs of minor damage and poor condition if it shows significant damage.

Pipe Insulation Condition Definition

- **Good:** Insulation is completely covered in jacketing and exhibits no evidence of damage or deterioration. No insulation exposed.
- **Fair:** Minor penetrating damage to jacketed insulation (cuts, tears, nicks, deterioration or delamination) or undamaged insulation that has never been jacketed. The extent of missing insulation ranges from minor to none.
- **Poor:** Original insulation jacket is missing, damaged, deteriorated or delaminated. Insulation is exposed and significant areas have been dislodged. Damage cannot be readily repaired.

2.3 Lead

Bulk samples of paints and/or finishes suspected of containing lead were collected using a handheld paint scraper. All samples collected for lead analysis were submitted to SAI for analysis in accordance with EPA Method No. 3050B/Method No. 7420; flame atomic absorption. SAI is accredited through AIHA LAP, LLC for environmental lead.

Although no regulations exist in Ontario, Environmental Abatement Council of Canada (EACC) has prepared a document entitled "*Lead Guideline for Construction, Renovation, Maintenance or Repair*", and suggests that 0.1% (1,000 ppm) lead in paint represents a de minimis (virtually safe) concentration of lead in paint for construction hygiene purposes and for non-aggressive disturbance of painted finishes (hand powered demolition, chipping, scraping, light sanding, etc.).



2.4 Polychlorinated Biphenyls

One sample of caulking was collected in general accordance with the Ministry of the Environment, Conservation and Parks (MECP) document entitled *Protocol for Sampling and Testing at PCB Storage Sites in Ontario*. A bulk sample of each type of caulking was collected to ensure an accurate representation of the material was obtained.

The PCB sample was submitted to Aevitas Inc. (Aevitas) in Ayr, Ontario for analysis of total PCBs in accordance with the US EPA Method 8082 to a minimum detection limit of 0.5 parts per million (ppm) for bulk samples. Aevitas is accredited by the *Canadian Association for Laboratory Accreditation Inc. (CALA)* for specific environmental tests listed in the scope of accreditation approved by CALA, including US EPA 8082.

Ontario Regulation 362 states that PCB waste is any material with a concentration of 50 ppm or more of PCBs.

2.5 Other Designated Substances and Hazardous Materials

Materials suspected of containing any of the other designated substances, other than lead-in-paint or asbestos, were identified by appearance, age, and knowledge of historic applications. This included but not limited to acrylonitrile, arsenic, benzene, coke oven emissions, ethylene oxide, isocyanates, mercury, silica, vinyl chloride, ODS and UFFI.

2.6 Survey Limitations

Intrusive investigations were conducted into concealed areas where designated substances were suspected of being present.

When conducting an asbestos survey, it is standard practice to assume that certain building materials potentially contain asbestos. Depending on the material, this assumption is generally



undertaken because the material is inaccessible (i.e., underground piping) or there is an inherent danger in sampling the material (i.e., high voltage wires).

Therefore, for the purpose of this survey, Cambium has assumed that the following materials, if present, are asbestos-containing:

- High voltage wiring
- Underground services or piping
- Roofing materials
- Gaskets and ropes
- Exterior cladding



3.0 Results and Findings

The following sections provide a summary of the results and findings of the DSS.

3.1 Asbestos

Below is a brief summary of building materials identified during the assessment that were suspected of being asbestos-containing. Photographs are included in Appendix A. The laboratory certificate of analysis report for asbestos is included in Appendix B. A drawing with hatching showing the locations of all asbestos-containing materials and the locations of samples is present in Figure 1 to Figure 3.

3.1.1 Thermal Systems Insulation (Friable)

3.1.1.1 Pipe Insulation

Aircell pipe insulation, containing chrysotile asbestos, is present on one straight section of piping in the storage room of the basement (sample ASB-110.1). There is approximately four linear feet of Aircell pipe insulation and it was observed in poor condition.

Residual Aircell pipe insulation is present on hot water heating pipes throughout the basement. There is approximately 50 linear feet of residual Aircell present and it was observed to be in poor condition.

Parging cement pipe insulation, containing chrysotile asbestos, is present on one pipe fitting in the storage room of the basement (sample ASB-111.1). There is one pipe fitting and it was observed in good condition.

Residual parging cement is present on pipe fittings on hot water heating pipes throughout the basement. There is approximately 75 pipe fittings with residual parging cement and it was observed to be in poor condition.

Remaining pipes were observed to be either uninsulated or insulated with non-asbestos fibreglass.



3.1.1.2 Duct Insulation

Ducts were found to be uninsulated or insulated with non-asbestos fibreglass.

3.1.1.3 Mechanical Equipment Insulation

All mechanical equipment throughout the building was observed to be either uninsulated or insulated with non-asbestos fibreglass.

3.1.2 Texture Finish (Friable)

Non-asbestos texture finish is present on the ceiling throughout the second floor of the building (samples ASB-102.1 to ASB-102.3).

3.1.3 Plaster (Friable)

Non-asbestos plaster is present on walls and ceilings throughout the second floor of the building (samples ASB-101.1 to ASB-101.7).

Non-asbestos plaster is present on walls and ceilings throughout the basement of the building (samples ASB-109.1 to ASB-109.5).

3.1.4 Vinyl Sheet Flooring (Non-Friable)

The following visually distinct types of vinyl sheet flooring was identified:

Table 1 Vinyl Sheet Flooring Sample Locations and Results

Pattern	Location/Quantity*	Sample ID	Asbestos Content
Beige pattern	Second floor kitchen / 500 square feet Basement stairwell / 75 square feet	ASB-103.1	15% Chrysotile



Pattern	Location/Quantity*	Sample ID	Asbestos Content
Grey	Second floor washroom	ASB-106.1 to ASB-106.3	None Detected
White	Second floor washroom (concealed) / 75 square feet	ASB-108.1	15% Chrysotile
White square pattern	Main floor kitchen	ASB-114.1 to ASB-114.3	None Detected
Tan pattern	Main floor washroom	ASB-115.1 to ASB-115.3	None Detected
Off-white square pattern	Back hallway, main floor	ASB-116.1 to ASB-116.3	None Detected

* Quantity is only listed for confirmed or assumed asbestos-containing vinyl sheet flooring.

3.1.5 Drywall Joint Compound (Non-Friable)

Non-asbestos drywall joint compound is present on gypsum wall finishes throughout washroom on the second floor of the building (samples ASB-107.1 to ASB-107.3).

Non-asbestos drywall joint compound is present on gypsum wall finishes on interior walls throughout the main floor of the building (samples ASB-113.1 to ASB-113.3).

3.1.6 Sink Coating (Non-Friable)

Black sink coating, containing chrysotile asbestos, is present on the bottom of the sink in the kitchen of the second floor and the sink in the basement of the building. There is approximately 10 square feet of black sink coating in each location and was observed in good condition.



3.1.7 Sealants/Caulking (Non-Friable)

Non-asbestos white caulking is present on exterior seams of the building (samples ASB-117.1 to ASB-117.3).

3.1.8 Acoustic Ceiling Tiles (Non-Friable)

Non-asbestos acoustic ceiling tiles are present as a ceiling finish throughout the building (date stamped 2002). Ceiling tiles were assumed to be non-asbestos based on the date stamp applied to the back of the tile.

3.1.9 Vinyl Floor Tiles and Mastic (Non-Friable)

The following visually distinct types of vinyl floor tiles were identified:

Table 2 Vinyl Floor Tile Sample Locations and Results

Size and Pattern	Location/Quantity*	Sample ID	Asbestos Content	
			Tile	Adhesive Mastic
9" x 9" white	Kitchen / Second Floor	ASB-104.1 to ASB-104.3	None Detected	None Detected
12" x 12" white	Foyer / Main Floor	ASB-112.1 to ASB-112.3	None Detected	None Detected

* Quantity is only listed for confirmed or assumed asbestos-containing vinyl floor tiles.

3.1.10 Suspect Building Materials Not Identified

The following types of building materials which historically have been known to contain asbestos were not identified during the assessment:

- Sprayed fireproofing
- Thermal systems insulation
- Loose fill vermiculite insulation (intrusive testing was not performed in concrete block wall cavities)



- Asbestos cement products

3.2 Lead

The following table summarizes the laboratory results for the bulk samples of paint collected for lead analysis. The laboratory certificate of analysis report for lead is included in Appendix C. A drawing with locations of samples is present in Figure 1 to Figure 3.

Table 3 Lead Bulk Sample Locations and Results

Sample ID	Location	Paint Colour/Substrate	Lead Content (%)
Pb-101	Clock tower	Grey paint on wood	17
Pb-102	Clock tower	Green paint on wood	26
Pb-103	Second floor	Beige paint on plaster	0.029
Pb-104	Second floor	Grey paint on plaster	9.9
Pb-105	Second floor radiator	Beige paint on metal	0.42
Pb-106	Second floor	Brown paint on wood	0.0066
Pb-107	Second floor	Pink paint on wood	15
Pb-108	Second floor	Green paint on wood	14
Pb-109	Basement	White paint on stone	0.015
Pb-110	Exterior trim	White paint wood	21
Pb-111	Exterior railing	Black paint on metal	0.031
Pb-112	Second floor	White paint on plaster	6.6



The results of laboratory analysis indicated that grey paint on wood and green paint on wood, light grey paint on plaster, beige paint on metal, pink paint on wood, green paint on wood, white paint on wood, and white paint on plaster is lead-based. All remaining painted finishes contain low levels of lead and are not considered to be lead-based. Painted finishes were found to be in good condition.

No other major sources of lead or lead-containing products were observed during the survey; however, lead may be present in wiring connectors, electric cable sheathing and piping and solder joints on piping.

3.3 Mercury

Mercury is likely to be present in minor quantities as liquid in thermostats and as a vapor within all fluorescent light tubes throughout the building.

3.4 Silica

Silica is assumed to be present in concrete products observed throughout the building.

3.5 PCBs

The following table summarizes the laboratory results for the bulk samples of caulking for PCB analysis. The laboratory certificate of analysis report for PCBs is included in Appendix D. Building layout drawings with the location of the sample is present in Figure 1 to Figure 3.

Table 4 PCB Bulk Sample Locations and Results

Sample ID	Location	Caulking Colour	PCB Content (ppm)
PCB-101	Exterior	White	<0.2

The results of laboratory analysis indicated that the collected bulk samples are not required to be disposed of as PCB waste.

Polychlorinated biphenyls (PCBs) may be present in fluorescent light ballasts in the building. Light ballasts confirmed or assumed to contain PCBs must be disposed of following the



requirements of the Ontario Environmental Protection Act, Ontario regulation 362: PCB Waste Management and Ontario Regulation 347: General-Waste Management.

3.6 Other

The following other potential designated substances were not identified during the survey.

- Acrylonitrile
- Benzene
- Vinyl Chloride
- Arsenic
- Coke Oven Emissions
- UFFI
- Isocyanates
- Ethylene Oxide
- ODS

No other potential sources of designated substances were identified during the survey.



4.0 Recommendations

Based on our findings, the following recommendations were made.

4.1 Asbestos

- Asbestos-containing materials that have the potential to be disturbed must be removed in accordance with the appropriate removal procedures as outline in O. Reg. 278/05 and disposed of as asbestos waste under O. Reg. 347.
- Remove residual Aircell pipe insulation using Type 2 glovebag procedures as outlined in O. Reg. 278/05. Remove remaining Aircell pipe insulation on piping using Type 2 glovebag procedures as outlined in O. Reg. 278/05.
- Remove asbestos-containing vinyl sheet flooring using Type 2 procedures as outlined in O. Reg. 278/05.
- Remove black sink coating following Type 1 procedures as outlined by O. Reg. 278/05.
- Any suspect asbestos-containing material discovered during the course of renovation activities not included herein shall be considered asbestos-containing until proven otherwise by bulk sampling and analysis in accordance with O. Reg. 278/05.

4.2 Lead

- Remove lead-based painted finishes using Class 1 procedures as outlined in the guideline, "Lead Guideline For Construction, Renovation, Maintenance or Repair" issued by Environmental Abatement Council of Canada, dated October 2014.
- If affected by planned renovations, leachate samples should be performed on lead-based paints to determine the appropriate waste stream and disposed of in accordance with O. Reg. 347.
- Any paints discovered during the course of renovation activities that are not mentioned in this report shall be considered to be lead-based until sampling and analysis indicates otherwise.



- Lead-containing materials (i.e., wiring, piping, etc.) should be recycled if not in use.

4.3 Mercury

- The presence of mercury within assembled units (e.g., fluorescent light bulbs) should not be considered a hazard provided that the assembled units remain sealed and intact. Avoid skin contact with mercury and avoid inhalation of mercury vapour. Dispose of mercury following applicable legislative requirements.

4.4 Silica

- Any work involving the disturbance of materials that may contain silica should be conducted following recommendations detailed in the Ministry of Labour document “Guideline – Silica on Construction Projects”, dated April 2011.

4.5 PCBs

- Light ballasts confirmed or assumed to contain PCBs must be disposed of following the requirements of the Ontario Environmental Protection Act, Ontario regulation 362: PCB Waste Management and Ontario Regulation 347: General-Waste Management.



5.0 Limitations

The information provided in this report with respect to the designated substances survey is limited to the specific scope of work and is solely for the exclusive use of the Township of Selwyn. Cambium is not responsible for the use of this report by any third party. Any use which a third party makes of this report, or any reliance on or decisions to be made based on it, are the responsibility of such third parties.

The field observations and analysis are considered sufficient in detail and scope to form a reasonable basis for the findings presented in this report. Cambium warrants that the findings and conclusions contained herein have been made in accordance with generally accepted industry evaluation methods and applicable regulations at the time of the performance of the designated substances survey. However, due to the nature of building construction, it is possible that conditions may exist which could not be reasonably identified within the scope of the investigation, or which were not evident during the survey.

Cambium believes that the information collected during the survey is reliable but reserves the right to review and comment on any interpretation of the data or conclusions derived from this report by the Township of Selwyn.

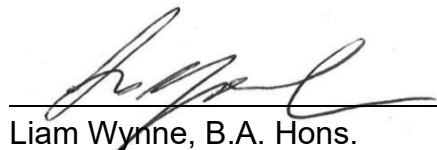


6.0 Closing

Cambium trusts that the above meets the requirements of the Township of Selwyn. If you have questions or comments regarding the details within this report, please do not hesitate to contact the undersigned at (705) 742-7900 ext. 230.

Respectfully submitted,

Cambium Inc.



Liam Wynne, B.A. Hons.
Senior Technologist



Chris Moose
Senior Project Manager

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7.0 Standard Limitations

Limited Warranty

In performing work on behalf of a client, Cambium relies on its client to provide instructions on the scope of its retainer and, on that basis, Cambium determines the precise nature of the work to be performed. Cambium undertakes all work in accordance with applicable accepted industry practices and standards. Unless required under local laws, other than as expressly stated herein, no other warranties or conditions, either expressed or implied, are made regarding the services, work or reports provided.

Reliance on Materials and Information

The findings and results presented in reports prepared by Cambium are based on the materials and information provided by the client to Cambium and on the facts, conditions and circumstances encountered by Cambium during the performance of the work requested by the client. In formulating its findings and results into a report, Cambium assumes that the information and materials provided by the client or obtained by Cambium from the client or otherwise are factual, accurate and represent a true depiction of the circumstances that exist. Cambium relies on its client to inform Cambium if there are changes to any such information and materials. Cambium does not review, analyze or attempt to verify the accuracy or completeness of the information or materials provided, or circumstances encountered, other than in accordance with applicable accepted industry practice. Cambium will not be responsible for matters arising from incomplete, incorrect or misleading information or from facts or circumstances that are not fully disclosed to or that are concealed from Cambium during the provision of services, work or reports.

Facts, conditions, information and circumstances may vary with time and locations and Cambium's work is based on a review of such matters as they existed at the particular time and location indicated in its reports. No assurance is made by Cambium that the facts, conditions, information, circumstances or any underlying assumptions made by Cambium in connection with the work performed will not change after the work is completed and a report is submitted. If any such changes occur or additional information is obtained, Cambium should be advised and requested to consider if the changes or additional information affect its findings or results.

When preparing reports, Cambium considers applicable legislation, regulations, governmental guidelines and policies to the extent they are within its knowledge, but Cambium is not qualified to advise with respect to legal matters. The presentation of information regarding applicable legislation, regulations, governmental guidelines and policies is for information only and is not intended to and should not be interpreted as constituting a legal opinion concerning the work completed or conditions outlined in a report. All legal matters should be reviewed and considered by an appropriately qualified legal practitioner.

Site Assessments

A site assessment is created using data and information collected during the investigation of a site and based on conditions encountered at the time and particular locations at which fieldwork is conducted. The information, sample results and data collected represent the conditions only at the specific times at which and at those specific locations from which the information, samples and data were obtained and the information, sample results and data may vary at other locations and times. To the extent that Cambium's work or report considers any locations or times other than those from which information, sample results and data was specifically received, the work or report is based on a reasonable extrapolation from such information, sample results and data but the actual conditions encountered may vary from those extrapolations.

Only conditions at the site and locations chosen for study by the client are evaluated; no adjacent or other properties are evaluated unless specifically requested by the client. Any physical or other aspects of the site chosen for study by the client, or any other matter not specifically addressed in a report prepared by Cambium, are beyond the scope of the work performed by Cambium and such matters have not been investigated or addressed.

Reliance

Cambium's services, work and reports may be relied on by the client and its corporate directors and officers, employees, and professional advisors. Cambium is not responsible for the use of its work or reports by any other party, or for the reliance on, or for any decision which is made by any party using the services or work performed by or a report prepared by Cambium without Cambium's express written consent. Any party that relies on services or work performed by Cambium or a report prepared by Cambium without Cambium's express written consent, does so at its own risk. No report of Cambium may be disclosed or referred to in any public document without Cambium's express prior written consent. Cambium specifically disclaims any liability or responsibility to any such party for any loss, damage, expense, fine, penalty or other such thing which may arise or result from the use of any information, recommendation or other matter arising from the services, work or reports provided by Cambium.

Limitation of Liability

Potential liability to the client arising out of the report is limited to the amount of Cambium's professional liability insurance coverage. Cambium shall only be liable for direct damages to the extent caused by Cambium's negligence and/or breach of contract. Cambium shall not be liable for consequential damages.

Personal Liability

The client expressly agrees that Cambium employees shall have no personal liability to the client with respect to a claim, whether in contract, tort and/or other cause of action in law. Furthermore, the client agrees that it will bring no proceedings nor take any action in any court of law against Cambium employees in their personal capacity.



Appended Figures




DESIGNATED SUBSTANCES SURVEY

TOWNSHIP OF SELWYN
12 Queen Street,
Lakefield, Ontario

LEGEND

- Asbestos Sample Location
- ▲ Lead Sample Location
- ◆ PCB Sample Location

Asbestos-Containing Materials:

-  Sink Coating
-  Pipe Insulation
-  Vinyl Sheet Flooring

Notes:

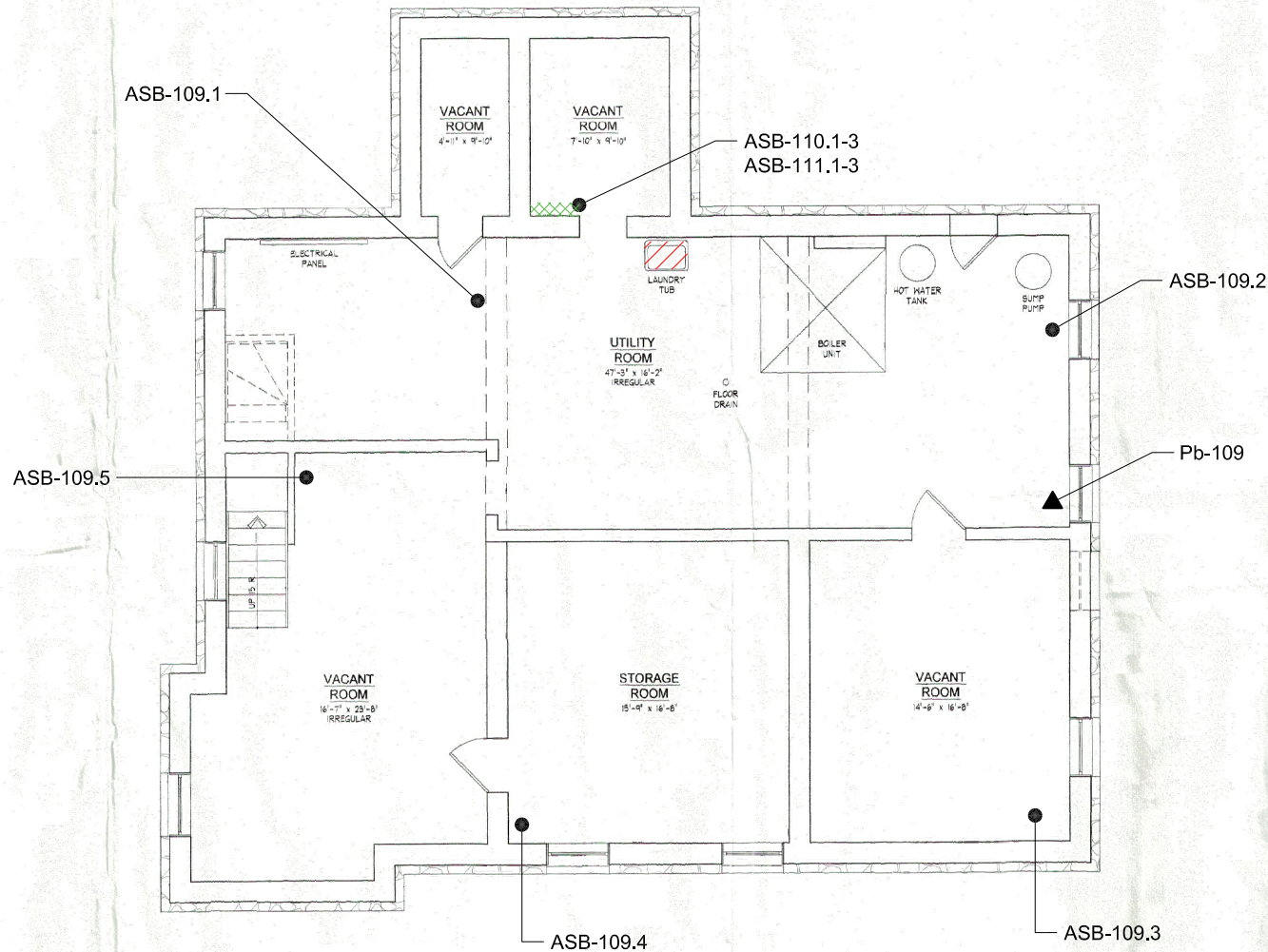
- Asbestos-containing pipe insulation residue is present throughout the basement.
- Base drawing obtained from Walker Design & Drafting, titled Existing Basement Floor Plan, Job No: 04-27. Drawing No: A1



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BASEMENT SITE PLAN

Project No.:	Date: May 2022	
15392-001	Rev.:	
Horizontal Scale:	Vertical Scale:	
N.T.S.	N/A	
Drawn By:	Checked By:	Figure:
MAT	CM	1






DESIGNATED SUBSTANCES SURVEY

TOWNSHIP OF SELWYN
12 Queen Street,
Lakefield, Ontario

LEGEND

- Asbestos Sample Location
- ▲ Lead Sample Location
- ◆ PCB Sample Location

Asbestos-Containing Materials:

-  Sink Coating
-  Pipe Insulation
-  Vinyl Sheet Flooring

Notes:

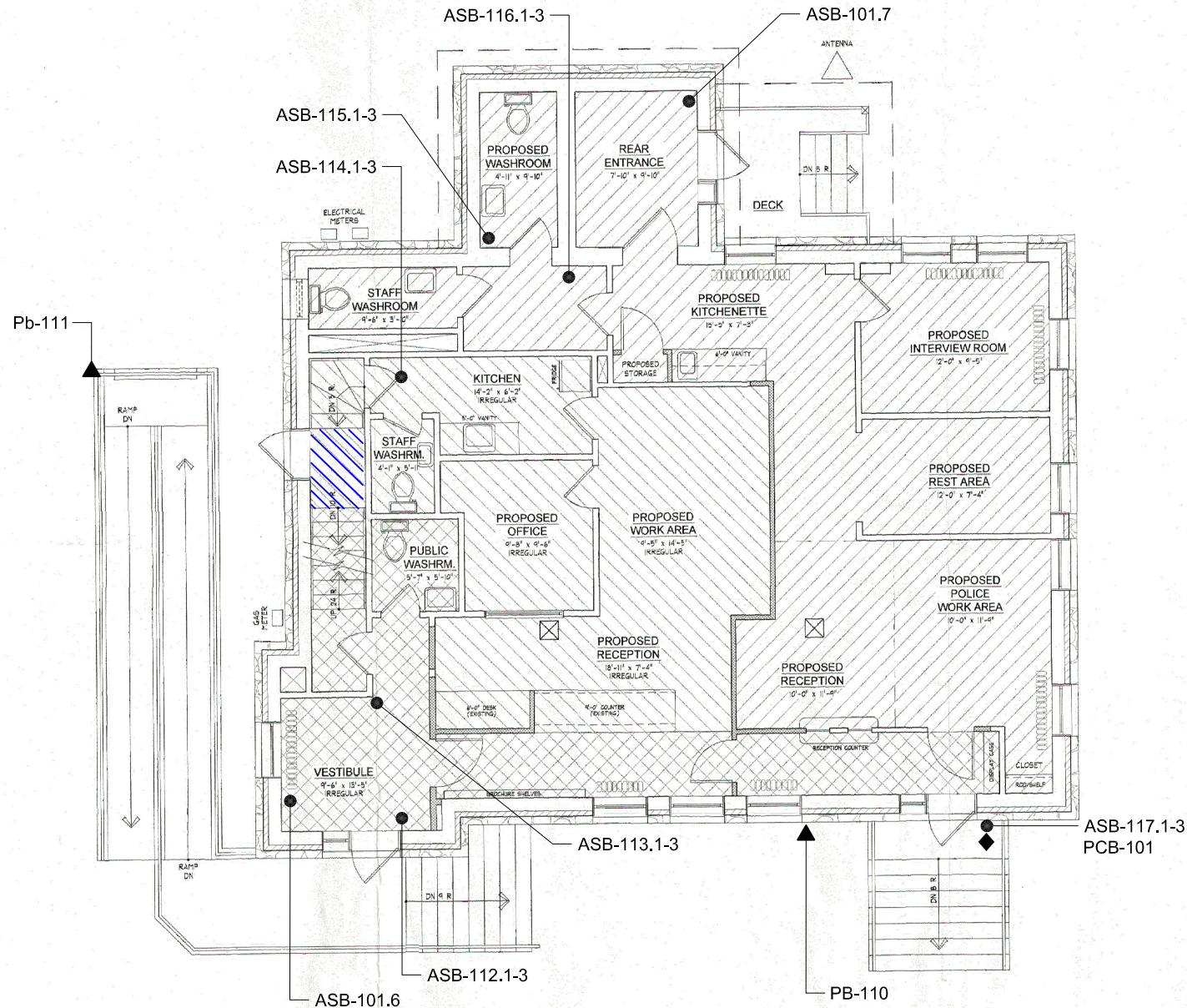
1. Base drawing obtained from Walker Design & Drafting, titled Proposed Occupancy Layout - Main Floor, Job No: 04-27. Drawing No: A4



194 Sophia Street
Peterborough, Ontario, K9H 1E5
Tel: 705-742-7900 Fax: 705-742-7907
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MAIN FLOOR SITE PLAN

Project No.: 15392-001	Date: May 2022
Horizontal Scale: N.T.S.	Rev.: N/A
Vertical Scale: N.T.S.	Figure: 2
Drawn By: MAT	Checked By: CM






DESIGNATED SUBSTANCES SURVEY

TOWNSHIP OF SELWYN
12 Queen Street,
Lakefield, Ontario

LEGEND

- Asbestos Sample Location
- ▲ Lead Sample Location
- ◆ PCB Sample Location

Asbestos-Containing Materials:

-  Sink Coating
-  Pipe Insulation
-  Vinyl Sheet Flooring

Notes:

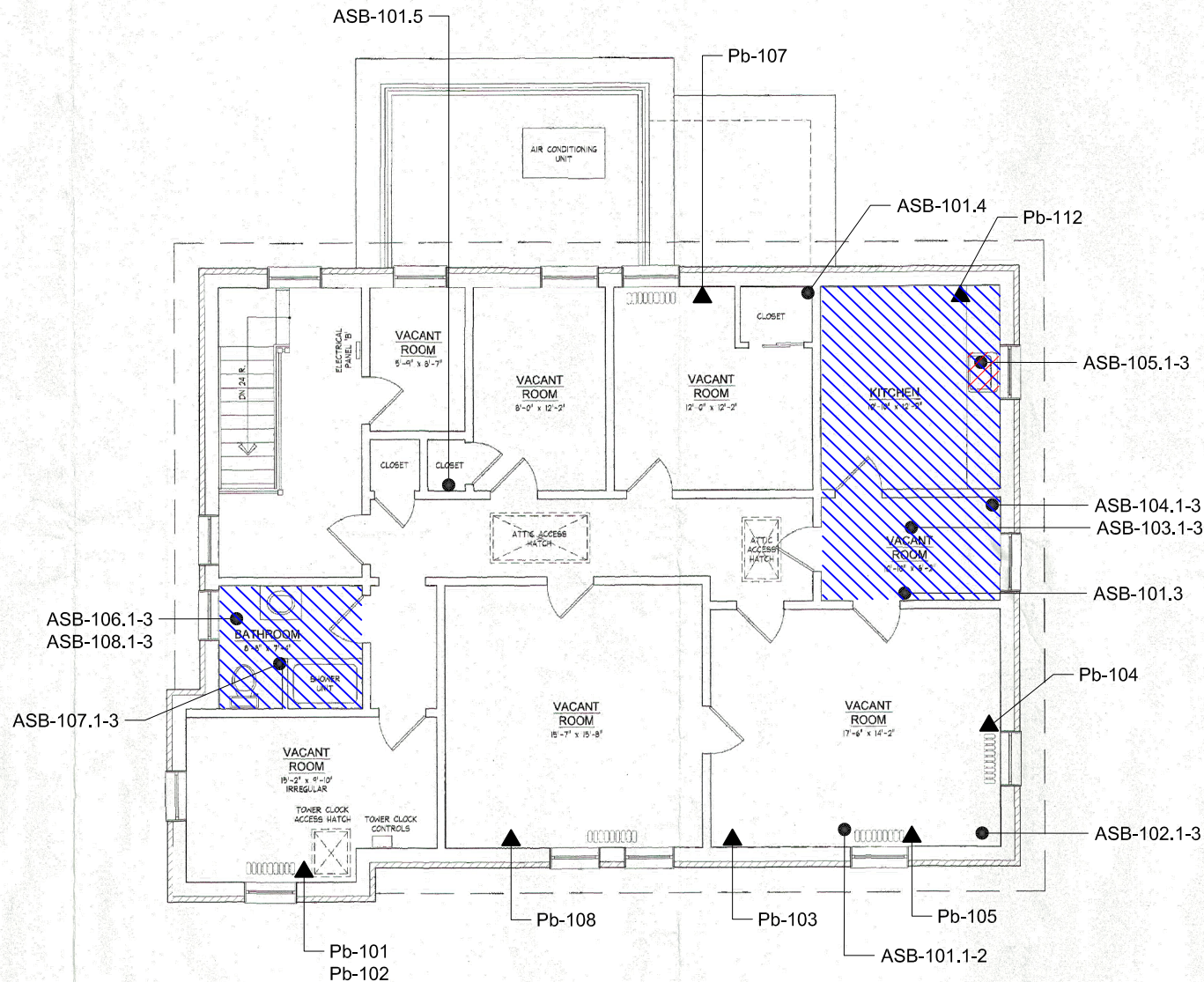
1. Base drawing obtained from Walker Design & Drafting, titled Existing Second Floor Plan, Job No: 04-27. Drawing No: A5



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SECOND FLOOR SITE PLAN

Project No.: 15392-001	Date: May 2022
Horizontal Scale: N.T.S.	Rev.: N/A
Vertical Scale: N.T.S.	Figure: 3
Drawn By: MAT	Checked By: CM





Appendix A

Photographs



Photo 1 – Asbestos-containing beige square pattern vinyl sheet flooring.



Photo 2 – Asbestos-containing sink coating.



Photo 3 – Asbestos-containing parging cement and Aircell pipe insulation.



Photo 4 – Asbestos-containing white vinyl sheet flooring concealed beneath non-asbestos grey vinyl sheet flooring.



Photo 5 – Asbestos-containing residual parging cement pipe insulation.



Photo 6 – Lead-based green paint.



Photo 7 – Asbestos-containing sink coating in the basement.



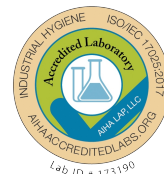
Appendix B

Laboratory Certificate of Analysis for Asbestos



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 40 CFR, Part 763, Subpart E,
App.E



Customer: Cambium Inc.
194 Sophia Street
Peterborough, ON

Attn: Chris Moose
Liam Wynne

Lab Order ID: 71992149
Analysis ID: 71992149_PLM
Date Received: 5/13/2022
Date Reported: 5/20/2022

Project: DSS - 12 Queen Street, Lakefield

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
ASB-101.1 - A	Plaster / Second Floor	None Detected		100% Other	Gray Non Fibrous Heterogeneous
71992149PLM_1	finish				Crushed
ASB-101.1 - B	Plaster / Second Floor	None Detected		100% Other	Gray Non Fibrous Heterogeneous
71992149PLM_58	base				Crushed
ASB-101.2 - A	Plaster / Second Floor	None Detected		100% Other	White Non Fibrous Heterogeneous
71992149PLM_2	finish				Crushed
ASB-101.2 - B	Plaster / Second Floor	None Detected		100% Other	Gray Non Fibrous Heterogeneous
71992149PLM_59	base				Crushed
ASB-101.3 - A	Plaster / Second Floor	None Detected		100% Other	White Non Fibrous Heterogeneous
71992149PLM_3	finish				Crushed
ASB-101.3 - B	Plaster / Second Floor	None Detected		100% Other	Gray Non Fibrous Heterogeneous
71992149PLM_60	base				Crushed
ASB-101.4 - A	Plaster / Second Floor	None Detected		100% Other	White Non Fibrous Heterogeneous
71992149PLM_4	finish				Crushed
ASB-101.4 - B	Plaster / Second Floor	None Detected		100% Other	Gray Non Fibrous Heterogeneous
71992149PLM_61	base				Crushed

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Jalen Moore (81)

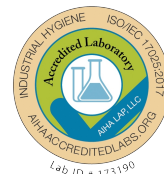
Analyst

Approved Signatory



Bulk Asbestos Analysis

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EPA Method: 600/R-93/116 and 40 CFR, Part 763, Subpart E,
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Analysis ID: 71992149_PLM
Date Received: 5/13/2022
Date Reported: 5/20/2022

Project: DSS - 12 Queen Street, Lakefield

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
ASB-101.5 - A	Plaster / Second Floor	None Detected		100% Other	White Non Fibrous Heterogeneous
71992149PLM_5	finish				Crushed
ASB-101.5 - B	Plaster / Second Floor	None Detected		100% Other	Gray Non Fibrous Heterogeneous
71992149PLM_62	base				Crushed
ASB-101.6 - A	Plaster / Main Floor / Chambers	None Detected		100% Other	White Non Fibrous Heterogeneous
71992149PLM_6	finish				Crushed
ASB-101.6 - B	Plaster / Main Floor / Chambers	None Detected		100% Other	Gray Non Fibrous Heterogeneous
71992149PLM_63	base				Crushed
ASB-101.7 - A	Plaster / Main Floor / Police	None Detected		100% Other	White Non Fibrous Heterogeneous
71992149PLM_7	finish				Crushed
ASB-101.7 - B	Plaster / Main Floor / Police	None Detected		100% Other	Gray Non Fibrous Heterogeneous
71992149PLM_64	base				Crushed
ASB-102.1	Texture finish / Second Floor, Northeast rom	None Detected	20% Cellulose	80% Other	White Non Fibrous Heterogeneous
71992149PLM_8					Ashed
ASB-102.2	Texture finish / Second Floor, Northeast rom	None Detected	20% Cellulose	80% Other	White Non Fibrous Heterogeneous
71992149PLM_9					Ashed

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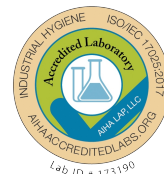
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Bulk Asbestos Analysis

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Date Received: 5/13/2022
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Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
ASB-102.3	Texture finish / Second Floor, Northeast rom	None Detected	20% Cellulose	80% Other	White Non Fibrous Heterogeneous
71992149PLM_10					Ashed
ASB-103.1	Beige pattern vinyl sheet flooring/ Second floor kitchen	15% Chrysotile		85% Other	Gray Non Fibrous Heterogeneous
71992149PLM_11					Ashed
ASB-103.2	Beige pattern vinyl sheet flooring/ Second floor kitchen	Not Analyzed			
71992149PLM_12					
ASB-103.3	Beige pattern vinyl sheet flooring/ Second floor kitchen	Not Analyzed			
71992149PLM_13					
ASB-104.1	9"x9" White vinyl floor tiles	None Detected	80% Cellulose	20% Other	Black Fibrous Heterogeneous
71992149PLM_14					Ashed
ASB-104.2	9"x9" White vinyl floor tiles	None Detected	80% Cellulose	20% Other	Black Fibrous Heterogeneous
71992149PLM_15					Ashed
ASB-104.3	9"x9" White vinyl floor tiles	None Detected	80% Cellulose	20% Other	Black Fibrous Heterogeneous
71992149PLM_16					Ashed
ASB-105.1	Black sink coating / Second Floor Kitchen	5% Chrysotile		95% Other	Black Non Fibrous Heterogeneous
71992149PLM_17					Dissolved

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Bulk Asbestos Analysis

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EPA Method: 600/R-93/116 and 40 CFR, Part 763, Subpart E,
App.E



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Analysis ID: 71992149_PLM
Date Received: 5/13/2022
Date Reported: 5/20/2022

Project: DSS - 12 Queen Street, Lakefield

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
ASB-105.2	Black sink coating / Second Floor Kitchen	Not Analyzed			
71992149PLM_18					
ASB-105.3	Black sink coating / Second Floor Kitchen	Not Analyzed			
71992149PLM_19					
ASB-106.1 - A	Grey vinyl sheet flooring / Second Floor Washroom	None Detected	20% Cellulose	80% Other	Gray Non Fibrous Heterogeneous
71992149PLM_20	vinyl sheet flooring				Ashed
ASB-106.1 - B	Grey vinyl sheet flooring / Second Floor Washroom	None Detected		100% Other	Cream Non Fibrous Heterogeneous
71992149PLM_65	mastic				Dissolved
ASB-106.2 - A	Grey vinyl sheet flooring / Second Floor Washroom	None Detected	20% Cellulose	80% Other	Gray Non Fibrous Heterogeneous
71992149PLM_21	vinyl sheet flooring				Ashed
ASB-106.2 - B	Grey vinyl sheet flooring / Second Floor Washroom	None Detected		100% Other	Cream Non Fibrous Heterogeneous
71992149PLM_66	mastic				Dissolved
ASB-106.3 - A	Grey vinyl sheet flooring / Second Floor Washroom	None Detected	20% Cellulose	80% Other	Gray Non Fibrous Heterogeneous
71992149PLM_22	vinyl sheet flooring				Ashed
ASB-106.3 - B	Grey vinyl sheet flooring / Second Floor Washroom	None Detected		100% Other	Cream Non Fibrous Heterogeneous
71992149PLM_67	mastic				Dissolved

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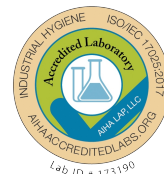
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Analysis ID: 71992149_PLM
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Project: DSS - 12 Queen Street, Lakefield

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
ASB-107.1	Drywall Joint Compound / Second Floor Washroom	None Detected		100% Other	White Non Fibrous Heterogeneous
71992149PLM_23					Crushed
ASB-107.2	Drywall Joint Compound / Second Floor Washroom	None Detected		100% Other	White Non Fibrous Heterogeneous
71992149PLM_24					Crushed
ASB-107.3	Drywall Joint Compound / Second Floor Washroom	None Detected		100% Other	White Non Fibrous Heterogeneous
71992149PLM_25					Crushed
ASB-108.1	White vinyl sheet flooring / Second Floor washroom	15% Chrysotile		85% Other	White Non Fibrous Heterogeneous
71992149PLM_26					Ashed
ASB-108.2	White vinyl sheet flooring / Second Floor washroom	Not Analyzed			
71992149PLM_27					
ASB-108.3	White vinyl sheet flooring / Second Floor washroom	Not Analyzed			
71992149PLM_28					
ASB-109.1 - A	Plaster / Basement	None Detected		100% Other	White Non Fibrous Heterogeneous
71992149PLM_29	finish				Crushed
ASB-109.1 - B	Plaster / Basement	None Detected		100% Other	Gray Non Fibrous Heterogeneous
71992149PLM_68	base				Crushed

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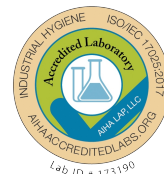
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Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 40 CFR, Part 763, Subpart E,
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Customer: Cambium Inc.
194 Sophia Street
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Lab Order ID: 71992149
Analysis ID: 71992149_PLM
Date Received: 5/13/2022
Date Reported: 5/20/2022

Project: DSS - 12 Queen Street, Lakefield

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
ASB-109.2 - A	Plaster / Basement	None Detected		100% Other	White Non Fibrous Heterogeneous
71992149PLM_30	finish				Crushed
ASB-109.2 - B	Plaster / Basement	None Detected		100% Other	Gray Non Fibrous Heterogeneous
71992149PLM_69	base				Crushed
ASB-109.3 - A	Plaster / Basement	None Detected		100% Other	White Non Fibrous Heterogeneous
71992149PLM_31	finish				Crushed
ASB-109.3 - B	Plaster / Basement	None Detected		100% Other	Gray Non Fibrous Heterogeneous
71992149PLM_70	base				Crushed
ASB-109.4 - A	Plaster / Basement	None Detected		100% Other	White Non Fibrous Heterogeneous
71992149PLM_32	finish				Crushed
ASB-109.4 - B	Plaster / Basement	None Detected		100% Other	Gray Non Fibrous Heterogeneous
71992149PLM_71	base				Crushed
ASB-109.5 - A	Plaster / Basement	None Detected		100% Other	White Non Fibrous Heterogeneous
71992149PLM_33	finish				Crushed
ASB-109.5 - B	Plaster / Basement	None Detected		100% Other	Gray Non Fibrous Heterogeneous
71992149PLM_72	base				Crushed

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Bulk Asbestos Analysis

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Lab Order ID: 71992149
Analysis ID: 71992149_PLM
Date Received: 5/13/2022
Date Reported: 5/20/2022

Project: DSS - 12 Queen Street, Lakefield

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
ASB-110.1	Aircell pipe insulation / Basement	70% Chrysotile		30% Other	White Fibrous Heterogeneous
71992149PLM_34					Teased
ASB-110.2	Aircell pipe insulation / Basement	Not Analyzed			
71992149PLM_35					
ASB-110.3	Aircell pipe insulation / Basement	Not Analyzed			
71992149PLM_36					
ASB-111.1	Parging Cement pipe fitting / Basement	70% Chrysotile		30% Other	White Fibrous Heterogeneous
71992149PLM_37					Teased
ASB-111.2	Parging Cement pipe fitting / Basement	Not Analyzed			
71992149PLM_38					
ASB-111.3	Parging Cement pipe fitting / Basement	Not Analyzed			
71992149PLM_39					
ASB-112.1 - A	12"x12" white vinyl floor tiles / Main Floor Foyer	None Detected		100% Other	Gray Non Fibrous Heterogeneous
71992149PLM_40	tile				Crushed
ASB-112.1 - B	12"x12" white vinyl floor tiles / Main Floor Foyer	None Detected		100% Other	Black Non Fibrous Heterogeneous
71992149PLM_73	mastic				Dissolved

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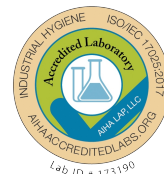
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Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
ASB-112.2 - A	12"x12" white vinyl floor tiles / Main Floor Foyer	None Detected		100% Other	Gray Non Fibrous Heterogeneous
71992149PLM_41	tile				Dissolved
ASB-112.2 - B	12"x12" white vinyl floor tiles / Main Floor Foyer	None Detected		100% Other	Black Non Fibrous Heterogeneous
71992149PLM_74	mastic				Dissolved
ASB-112.3 - A	12"x12" white vinyl floor tiles / Main Floor Foyer	None Detected		100% Other	Gray Non Fibrous Heterogeneous
71992149PLM_42	tile				Dissolved
ASB-112.3 - B	12"x12" white vinyl floor tiles / Main Floor Foyer	None Detected		100% Other	Black Non Fibrous Heterogeneous
71992149PLM_75	mastic				Dissolved
ASB-113.1	Drywall Joint Compound / Main Floor Foyer	None Detected		100% Other	White Non Fibrous Heterogeneous
71992149PLM_43					Crushed
ASB-113.2	Drywall Joint Compound / Main Floor Foyer	None Detected		100% Other	White Non Fibrous Heterogeneous
71992149PLM_44					Crushed
ASB-113.3	Drywall Joint Compound / Main Floor Foyer	None Detected		100% Other	White Non Fibrous Heterogeneous
71992149PLM_45					Crushed
ASB-114.1 - A	White square pattern vinyl sheet flooring / Main Floor Chamber Kitchen	None Detected	20% Cellulose	80% Other	Gray Non Fibrous Heterogeneous
71992149PLM_46	vinyl sheet flooring				Ashed

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Project: DSS - 12 Queen Street, Lakefield

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
ASB-114.1 - B	White square pattern vinyl sheet flooring / Main Floor Chamber Kitchen	None Detected		100% Other	Yellow Non Fibrous Heterogeneous
71992149PLM_76	mastic				Dissolved
ASB-114.2 - A	White square pattern vinyl sheet flooring / Main Floor Chamber Kitchen	None Detected	20% Cellulose	80% Other	Gray Non Fibrous Heterogeneous
71992149PLM_47	vinyl sheet flooring				Ashed
ASB-114.2 - B	White square pattern vinyl sheet flooring / Main Floor Chamber Kitchen	None Detected		100% Other	Yellow Non Fibrous Heterogeneous
71992149PLM_77	mastic				Dissolved
ASB-114.3 - A	White square pattern vinyl sheet flooring / Main Floor Chamber Kitchen	None Detected	20% Cellulose	80% Other	Gray Non Fibrous Heterogeneous
71992149PLM_48	vinyl sheet flooring				Ashed
ASB-114.3 - B	White square pattern vinyl sheet flooring / Main Floor Chamber Kitchen	None Detected		100% Other	Yellow Non Fibrous Heterogeneous
71992149PLM_78	mastic				Dissolved
ASB-115.1 - A	tan pattern vinyl sheet flooring / Main Floor Police washroom	None Detected	15% Cellulose	85% Other	Gray Non Fibrous Heterogeneous
71992149PLM_49	vinyl sheet flooring				Ashed
ASB-115.1 - B	tan pattern vinyl sheet flooring / Main Floor Police washroom	None Detected		100% Other	Yellow Non Fibrous Heterogeneous
71992149PLM_79	mastic				Dissolved
ASB-115.2 - A	tan pattern vinyl sheet flooring / Main Floor Police washroom	None Detected	15% Cellulose	85% Other	Gray Non Fibrous Heterogeneous
71992149PLM_50	vinyl sheet flooring				Ashed

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

Jalen Moore (81)

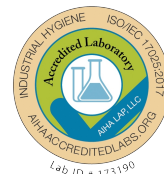
Analyst

Approved Signatory



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 40 CFR, Part 763, Subpart E,
App.E



Customer: Cambium Inc.
194 Sophia Street
Peterborough, ON

Attn: Chris Moose
Liam Wynne

Lab Order ID: 71992149
Analysis ID: 71992149_PLM
Date Received: 5/13/2022
Date Reported: 5/20/2022

Project: DSS - 12 Queen Street, Lakefield

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
ASB-115.2 - B	tan pattern vinyl sheet flooring / Main Floor Police washroom	None Detected		100% Other	Yellow Non Fibrous Heterogeneous
71992149PLM_80	mastic				Dissolved
ASB-115.3 - A	tan pattern vinyl sheet flooring / Main Floor Police washroom	None Detected	15% Cellulose	85% Other	Gray Non Fibrous Heterogeneous
71992149PLM_51	vinyl sheet flooring				Ashed
ASB-115.3 - B	tan pattern vinyl sheet flooring / Main Floor Police washroom	None Detected		100% Other	Yellow Non Fibrous Heterogeneous
71992149PLM_81	mastic				Dissolved
ASB-116.1	Off-white square patten vinyl sheet flooring / Main floor police hallway	None Detected		100% Other	Gray Non Fibrous Heterogeneous
71992149PLM_52	peel and stick				Ashed
ASB-116.2	Off-white square patten vinyl sheet flooring / Main floor police hallway	None Detected		100% Other	Gray Non Fibrous Heterogeneous
71992149PLM_53	peel and stick				Ashed
ASB-116.3	Off-white square patten vinyl sheet flooring / Main floor police hallway	None Detected		100% Other	Gray Non Fibrous Heterogeneous
71992149PLM_54	peel and stick				Ashed
ASB-117.1	White caulking / Exterior	None Detected		100% Other	White Non Fibrous Heterogeneous
71992149PLM_55					Ashed
ASB-117.2	White caulking / Exterior	None Detected		100% Other	White Non Fibrous Heterogeneous
71992149PLM_56					Ashed

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

Jalen Moore (81)

Analyst

Approved Signatory



Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 40 CFR, Part 763, Subpart E,
App.E



Customer: Cambium Inc.
194 Sophia Street
Peterborough, ON

Attn: Chris Moose
Liam Wynne

Lab Order ID: 71992149
Analysis ID: 71992149_PLM
Date Received: 5/13/2022
Date Reported: 5/20/2022

Project: DSS - 12 Queen Street, Lakefield

Sample ID	Description	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes
Lab Sample ID	Lab Notes				Treatment
ASB-117.3	White caulking / Exterior	None Detected		100% Other	White Non Fibrous Heterogeneous
71992149PLM_57					Ashed

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

Jalen Moore (81)

Analyst

Approved Signatory

71992149

Client: Camburn Inc. Address: Lam Wynne 194 Sophie Street, Peterborough (705) 999-3754 (705) 742-7907 Email: Lam.Wynne@camburn-inc.com Chris.Moore@camburn-inc.com 685 - 12 Queen Street, Lakeshore	Version: 1-15-2012 Project: 15392-001 Date: 2022-05-11 10:00 PLM: <i>PLM</i> Day: 5 Day	Project: 15392-001 Date: 2022-05-11 10:00 PLM: <i>PLM</i> Day: 5 Day
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ABB-101.1	Plaster / Second Floor	Stop Positive
ABB-101.2	Plaster / Second Floor	Stop Positive
ABB-101.3	Plaster / Second Floor	Stop Positive
ABB-101.4	Plaster / Second Floor	Stop Positive
ABB-101.5	Plaster / Second Floor	Stop Positive
ABB-101.6	Plaster / Main Floor / Chambers	Stop Positive
ABB-101.7	Plaster / Main Floor / Police	Stop Positive
ABB-102.1	Texture finish / Second Floor, Northeast room	Stop Positive
ABB-102.2	Texture finish / Second Floor, Northeast room	Stop Positive
ABB-102.3	Texture finish / Second Floor, Northeast room	Stop Positive
ABB-103.1	Beige pattern vinyl sheet flooring / Second floor kitchen	Stop Positive
ABB-103.2	Beige pattern vinyl sheet flooring / Second floor kitchen	Stop Positive
ABB-103.3	Beige pattern vinyl sheet flooring / Second floor kitchen	Stop Positive
ABB-104.1	9"x9" White vinyl floor tiles	Stop Positive
ABB-104.2	9"x9" White vinyl floor tiles	Stop Positive
ABB-104.3	9"x9" White vinyl floor tiles	Stop Positive
ABB-105.1	Black sink coating / Second Floor Kitchen	Stop Positive
ABB-105.2	Black sink coating / Second Floor Kitchen	Stop Positive
ABB-105.3	Black sink coating / Second Floor Kitchen	Stop Positive
ABB-106.1	Grey vinyl sheet flooring / Second Floor Washroom	Stop Positive
ABB-106.2	Grey vinyl sheet flooring / Second Floor Washroom	Stop Positive
ABB-106.3	Grey vinyl sheet flooring / Second Floor Washroom	Stop Positive
ABB-107.1	Drywall Joint Compound / Second Floor Washroom	Stop Positive
ABB-107.2	Drywall Joint Compound / Second Floor Washroom	Stop Positive
ABB-107.3	Drywall Joint Compound / Second Floor Washroom	Stop Positive
ABB-108.1	White vinyl sheet flooring / Second Floor washroom	Stop Positive
ABB-108.2	White vinyl sheet flooring / Second Floor washroom	Stop Positive
ABB-108.3	White vinyl sheet flooring / Second Floor washroom	Stop Positive
ABB-109.1	Plaster / Basement	Stop Positive
ABB-109.2	Plaster / Basement	Stop Positive
ABB-109.3	Plaster / Basement	Stop Positive
ABB-110.1	Plaster / Basement	Stop Positive
ABB-110.2	Plaster / Basement	Stop Positive
ABB-110.3	Plaster / Basement	Stop Positive
ABB-111.1	Acousti-plate insulation / Basement	Stop Positive
ABB-111.2	Acousti-plate insulation / Basement	Stop Positive
ABB-111.3	Acousti-plate insulation / Basement	Stop Positive
ABB-112.1	Pendro Cement pipe Rtna / Basement	Stop Positive
ABB-112.2	Pendro Cement pipe Rtna / Basement	Stop Positive
ABB-112.3	Pendro Cement pipe Rtna / Basement	Stop Positive
ABB-113.1	12"x12" white vinyl floor tiles / Main Floor Foyer	Stop Positive
ABB-113.2	12"x12" white vinyl floor tiles / Main Floor Foyer	Stop Positive
ABB-113.3	12"x12" white vinyl floor tiles / Main Floor Foyer	Stop Positive
ABB-114.1	Drywall Joint Compound / Main Floor Foyer	Stop Positive
ABB-114.2	Drywall Joint Compound / Main Floor Foyer	Stop Positive
ABB-114.3	Drywall Joint Compound / Main Floor Foyer	Stop Positive
ABB-115.1	White square pattern vinyl sheet flooring / Main Floor Chamber Kitchen	Stop Positive
ABB-115.2	White square pattern vinyl sheet flooring / Main Floor Chamber Kitchen	Stop Positive
ABB-115.3	White square pattern vinyl sheet flooring / Main Floor Chamber Kitchen	Stop Positive
ABB-116.1	tan pattern vinyl sheet flooring / Main Floor Police washroom	Stop Positive
ABB-116.2	tan pattern vinyl sheet flooring / Main Floor Police washroom	Stop Positive
ABB-116.3	tan pattern vinyl sheet flooring / Main Floor Police washroom	Stop Positive
ABB-117.1	Off-white square pattern vinyl sheet flooring / Main floor police hallway	Stop Positive
ABB-117.2	Off-white square pattern vinyl sheet flooring / Main floor police hallway	Stop Positive
ABB-117.3	Off-white square pattern vinyl sheet flooring / Main floor police hallway	Stop Positive
ABB-118.1	White caulking / Exterior	Stop Positive
ABB-118.2	White caulking / Exterior	Stop Positive
ABB-118.3	White caulking / Exterior	Stop Positive

Accepted ☒
 Rejected ☐

Ren Wil
 5/13
 10:30



Designated Substances Survey - 12 Queen Street, Lakefield, Ontario

Township of Selwyn

Cambium Reference: 15392-001

June 6, 2022

Appendix C

Laboratory Certificate of Analysis for Lead



Analysis for Lead Concentration in Paint Chips

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



Customer: Cambium Inc.
194 Sophia Street
Peterborough, ON

Attn: Chris Moose
Liam Wynne

Lab Order ID: 71992134
Analysis ID: 71992134_PBP
Date Received: 5/13/2022
Date Reported: 5/20/2022

Project: DSS - 12 Queen Street, Lakefield

Sample ID	Description	Mass	Concentration	Concentration
Lab Sample ID	Lab Notes	(g)	(ppm)	(% by weight)
Pb-101	Grey Paint on wood / Clock Tower	0.0377	170000	17%
71992134PBP_1				
Pb-102	Green Paint on Wood / Clock Power	0.0708	260000	26%
71992134PBP_2				
Pb-103	Beige wall paint on plaster / Second Floor	0.0622	290	0.029%
71992134PBP_3				
Pb-104	Light Grey paint on plaster / Grey	0.0755	99000	9.9%
71992134PBP_4				
Pb-105	Beige paint on Metal / Second Floor Radiator	0.1029	4200	0.42%
71992134PBP_5				
Pb-106	Brown paint on wood / Second Floor trim	0.0718	66	0.0066%
71992134PBP_6				
Pb-107	Pink Paint on wood / Second floor trim	0.0769	150000	15%
71992134PBP_7				
Pb-108	Green paint on wood / second Floor Trim	0.0802	140000	14%
71992134PBP_8				
Pb-109	White paint on stone / Basement foundation	0.0702	150	0.015%
71992134PBP_9				
Pb-110	White paint on wood / Exterior trim	0.0884	210000	21%
71992134PBP_10				

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

Matthew Caffey (12)

Analyst

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

Laboratory Director



Analysis for Lead Concentration in Paint Chips

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



Customer: Cambium Inc.
194 Sophia Street
Peterborough, ON

Attn: Chris Moose
Liam Wynne

Lab Order ID: 71992134
Analysis ID: 71992134_PBP
Date Received: 5/13/2022
Date Reported: 5/20/2022

Project: DSS - 12 Queen Street, Lakefield

Sample ID	Description	Mass (g)	Concentration (ppm)	Concentration (% by weight)
Lab Sample ID	Lab Notes			
Pb-111	Black paint on metal / Exterior railings	0.0552	310	0.031%
71992134PBP_11				
Pb-112	White paint on plaster / Second Floor Kitchen	0.0953	66000	6.6%
71992134PBP_12				

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

Matthew Caffey (12)


Analyst

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

Laboratory Director


71992134

Version 1-15-2012

Client:	Cambium Inc.	*Instructions: Use Column "B" for your contact info To See an Example Click the bottom Example Tab. Enter samples between "<<" and ">>" Begin Samples with a "<<" above the first sample and end with a ">>" below the last sample. Only Enter your data on the first sheet "Sheet1" Note: Data 1 and Data 2 are optional fields that do not show up on the official report, however they will be included in the electronic data returned to you to facilitate your reintegration of the report data.	Scientific Analytical Institute  4604 Dundas Drive Greensboro, NC 27407 Phone: 336.292.3888 Fax: 336.292.3313 Email: lab@sailab.com
Contact:	Liam Wynne		
Address:	194 Sophia Street, Peterborough		
Phone:	(705)742-7900		
Fax:	(705)742-7907		
Email:	chris.moose@cambium-inc.com liam.wynne@cambium-inc.com		
Project:	DSS - 12 Queen Street, Lakefield		
Client Notes:			
P.O. #.	15392-001		
Date Submitted:	2022-05-11 0:00		
Analysis:	Paint Chips by Flame AA		
TurnAroundTime:	5 Day		

Sample Number	Data 1	Sample Description	Data 2
<<			
Pb-101		Grey Paint on wood / Clock Tower	
Pb-102		Green Paint on Wood / Clock Power	
Pb-103		Beige wall paint on plaster / Second Floor	
Pb-104		Light Grey paint on plaster / Grey	
Pb-105		Beige paint on Metal / Second Floor Radiator	
Pb-106		Brown paint on wood / Second Floor trim	
Pb-107		Pink Paint on wood / Second floor trim	
Pb-108		Green paint on wood / second Floor Trim	
Pb-109		White paint on stone / Basement foundation	
Pb-110		White paint on wood / Exterior trim	
Pb-111		Black paint on metal / Exterior railings	
Pb-112		White paint on plaster / Second Floor Kitchen	
>>			

Accepted ☒
 Rejected ☐

Rm lnl  5/13
 10:30



Appendix D

Laboratory Certificate of Analysis for PCBs

Certificate of Analysis

Liam Wynne

Cambium Inc. (Peterborough)
52 Hunter Street East, Peterborough, ON K9H 1G5

Date of Issue: May 17, 2022

Report Description: 1 solid sample was submitted for the following chemical analysis**Project Name:** 12 Queen Street East
Project No.: 15392-001
Site Location: Lakefield, Ont**Date Sampled:** May 11, 2022
Date Tested: May 17, 2022
Sampled by: Liam W**Report Number: 22-0714**

No.	Analyte	Result	Units	MDL	Comments	Technique / Test Method
1	<u>Sample ID.:</u> PCB-101					
	PCBs in Solid	<0.2	mg/Kg	0.2	White exterior caulking	LAB-M06 (EPA 3550C/8082A modified)

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

Approved By:

Son C.H. Le, (Chem.)

Lab Manager

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

Fax: (519) 740-2320

Email: SonLe@aevitas.ca

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

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

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