



Designated Substances Survey

York Region Property Services Branch
145 Harry Walker Parkway North
Newmarket, ON
L3Y 7B3



Prepared for:	The Region of York
Prepared by:	Lilja Palsson, B.Sc., Dip. Eng., CRSP
Project Number:	6539.1
Date:	July 9, 2024

Executive Summary

A Designated Substances Survey was conducted in the building located at 145 Harry Walker Parkway North, Newmarket, ON on June 28, 2024 by LEAP Management Inc. The purpose of the survey was to compile an inventory of the designated substances and hazardous materials in the building and to provide recommendations for proper removal prior to renovation or demolition activities to satisfy the building owner's requirements under Section 30 of the Ontario Occupational Health & Safety Act (OHSA).

The following designated substances were identified on site:

1. **Asbestos** in transite rain water leaders;
2. **Lead** in mortar, solder and ceramic tile glaze;
3. **Mercury** as a vapour in light tubes and as a bacteriocide or stabilizer in paints and caulking;
4. **Silica** in concrete, mortar, masonry, ceramics, grout and drywall.

As such, the following recommendations are offered:

1. Asbestos

- 1.1. Removal of transite rain water leaders should follow Type 1 Asbestos Precautions in accordance with O. Reg. 278/05.

2. Lead

- 2.1. O. Reg. 490/09 and Ministry of Labour Guideline: Lead on Construction Projects, September 2004 outlines work procedures where lead is present and workers are likely to inhale, ingest or absorb lead. As such, all precautions and procedures should be followed during demolition to control the time-weighted exposure of a worker and limit the worker exposure to less than 0.05 mg/m³ of lead.

3. Mercury

- 3.1. Recycle and reclaim mercury from fluorescent ballasts, ensuring not to break lamps or separate liquid mercury from components. Mercury must be disposed of in accordance with local regulations.

4. Silica

- 4.1. Removal of Silica should be performed in accordance with the Ministry of Labour Guideline: Silica on Construction Projects, September 2004.

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1.0 Introduction

LEAP Management Inc. performed a Designated Substances Survey of the property located at 145 Harry Walker Parkway North, Newmarket, ON on June 28, 2024. The purpose of the survey was to compile an inventory of the designated substances and hazardous materials in the building and to provide recommendations for proper removal prior to renovation or demolition activities to satisfy the building owner's requirements under Section 30 of the Ontario Occupational Health & Safety Act (OHSA).

1.1 Scope of Work

LEAP Management Inc. performed a systematic survey of the subject property and structures to identify Designated Substances and hazardous materials. The location, estimated quantities and condition of each designated substance or hazardous material was documented.

The scope of work included the following:

- A visual assessment of all designated substances and the hazardous material PCBs;
- Representative sampling of materials suspected to contain asbestos according to the requirements in O. Reg. 278/05;
- Representative sampling of materials suspected to contain lead;
- Sample analysis of the materials using third party accredited laboratories, EMC Scientific Inc. and Caduceon Environmental Laboratories;
- A detailed report documenting the findings of the assessment and providing recommendations for remedial actions, if required.

1.2 Site Description

The "survey area" is a two-story Office Building with Warehouse located at 145 Harry Walker Parkway, Newmarket, ON constructed in 1989.

2.0 Designated Substances Regulations

Ontario has eleven (11) Designated Substances under Ontario Regulation 490/09 of the Occupational Health and Safety Act. Polychlorinated biphenyls (PCBs) are not considered a Designated Substance under the Occupational Health and Safety Act, but are included in Designated Substances Surveys, as they cannot be disposed of as regular waste and must be disposed of prior to construction and demolition in accordance with the Ontario Regulation 347/90 under the Environmental Protection Act.

The following table lists the Designated Substances including PCBs, the regulations and guidelines that apply when conducting this survey and the uses and health concerns associated with each substance.

Table 1: Summary of Designated Substances under the Occupational Health and Safety Act

Designated Substance	Regulations	Definition and Uses	Health Concerns
Acrylonitrile	O. Reg. 490/09	A monomer used in the manufacturing of plastics.	Classified as a possible carcinogen linked to cancer.
Asbestos	O. Reg. 490/09 O. Reg. 278/05 O. Reg. 837/90 O. Reg. 479/10	A naturally occurring silicate material added to building materials due to its sound, fire, chemical and electrical resistance.	Causes cancers such as mesothelioma, lung cancer and asbestosis.
Arsenic	O. Reg. 490/09 O. Reg. 148/12	Chemical element used as an alloying agent for lead batteries and in pesticides, herbicides and insecticides.	Carcinogenic causing acute poisoning and many types of cancer.
Benzene	O. Reg. 490/09 O. Reg. 148/12	An aromatic hydrocarbon found as a natural constituent of crude oil used as an additive in gasoline, as a solvent and a precursor in the production of drugs, plastics and rubber.	Carcinogenic causing cancers such as leukemia.
Coke Oven Emissions	O. Reg. 490/09 O. Reg. 148/12	Coal is processed to produce coke, a component in the manufacturing of iron and steel.	Carcinogenic causing many types cancers such as lung cancer.
Ethylene Oxide	O. Reg. 490/09 O. Reg. 148/12	Epoxide used in chemical production for the synthesis of ethylene glycols, antifreeze, polyesters and PET.	Human carcinogen, mutagenic with narcotic and irritating effects.
Isocyanates	O. Reg. 490/09 O. Reg. 148/12	Organic compound used in the manufacture of polyurathanes.	Powerful irritant to the mucous membranes of the eyes, respiratory tract and gastrointestinal tract.

Designated Substance	Regulations	Definition and Uses	Health Concerns
Lead	A. Reg. 490/09 O. Reg. 109/04 O. Reg. 148/12 Ministry of Labour Guideline: Lead on Construction Projects, September 2004. EACC Guideline Lead Guideline For Construction, Renovation, Maintenance or Repair, October 2014	Soft, malleable metal used in mainly in paint and solder.	Brian damage, kidney damage in long- term exposure. Acute effects include vomiting, diarrhea, coma and death.
Mercury	O. Reg. 490/09 O. Reg. 148/12	Heavy metal used because it is liquid at room temperature and conducts electricity.	Neurotoxicity can result in death due to bioaccumulation and exposure to fumes.
Silica	O. Reg. 148/12 Ministry of Labour Guideline: Silica on Construction Projects, September 2004.	A chemical compound of silica dioxide, mixed into cement for its hardness.	Silica dust can cause lung cancer from long-term exposure.
Vinyl Chloride	O. Reg. 490/09 O. Reg. 148/12	An organochemical used in the production of the polymer polyvinyl chloride (PVC).	Carcinogen causing many types of cancer.
Polychlorinated biphenyls (PCBs)	O. Reg. 347 O. Reg. 362	Chlorinated compounds used as coolants and lubricants in electrical equipment.	Found to cause liver and skin damage.

3.0 Results

A detailed visual assessment was conducted of the survey area. When possible, bulk samples of suspected materials were collected for analysis.

3.1 Acrylonitrile

No tanks or process operations were observed or appear to have been present in the survey area, therefore, acrylonitrile is not expected to be present.

3.2 Arsenic

Arsenic was not observed to be present in the survey area.

3.3 Asbestos

Asbestos is a general term for fibrous silicates that are used in a wide variety of building materials. There are six (6) types of asbestos found in building materials, actinolite, amosite, anthophyllite, chrysotile, crocidolite and tremolite. Asbestos products can be categorized as friable and non-friable; friable asbestos products can be pulverized with hand pressure, releasing fibres into the air, while non-friable asbestos products contain asbestos fibres that are locked into the product matrix and cannot easily release asbestos fibres.

In Ontario, a product is considered to be asbestos-containing if it contains greater than 0.5% asbestos by dry weight. This is determined through sampling. Ontario Regulation 278/05 “Asbestos on Construction Projects and in Buildings and Repair Operations” (O. Reg. 278/05) outlines the proper methodology to follow when collecting asbestos samples and requires that asbestos samples be analyzed following Test Method EPA/600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials by an accredited laboratory.

During the survey, samples were collected from discrete locations, with every attempt to minimize damage, and were submitted to EMC Scientific Inc. for analysis of asbestos content. The following table summarizes the sampling results. Please see Appendix A for Laboratory Analysis, Appendix B for quantities and Appendix C for sample locations.

Table 2: Results of bulk sampling of building materials for asbestos content.

Sample No.	Location Description	Material	Result
ASB-01A	Stairwell to Mechanical Room	Sprayed fireproofing	None detected
ASB-01B	Stairwell to Mechanical Room	Sprayed fireproofing	None detected
ASB-01C	Stairwell to Mechanical Room	Sprayed fireproofing	None detected
ASB-02A	Second Floor Mechanical Room 211	Drywall joint compound	None detected
ASB-02B	Northeast Office (Legal Services)	Drywall joint compound	None detected
ASB-02C	East Legal Services	Drywall joint compound	None detected
ASB-02D	Northeast Open Office Area (Column)	Drywall joint compound	None detected
ASB-02E	Men's Locker Room	Drywall joint compound	None detected
ASB-02F	Women's Locker Room	Drywall joint compound	None detected
ASB-02G	Cafeteria	Drywall joint compound	None detected
ASB-03A	Exterior	Caulking	None detected
ASB-03B	Exterior	Caulking	None detected

Sample No.	Location Description	Material	Result
ASB-03C	Exterior	Caulking	None detected
ASB-04A	Northeast Office Area	Levelling compound	None detected
ASB-04B	Northeast Office Area	Levelling compound	None detected
ASB-04C	Northeast Office Area	Levelling compound	None detected
ASB-05A	West Entrance Hall	Ceiling tile	None detected
ASB-05B	West Entrance Hall	Ceiling tile	None detected
ASB-05C	West Entrance Hall	Ceiling tile	None detected
ASB-06A	Room 19060	Vinyl floor tile	None detected
ASB-06B	Room 19060	Vinyl floor tile	None detected
ASB-06C	Room 19060	Vinyl floor tile	None detected
ASB-07A	Second Floor Hall	Vinyl floor tile	None detected
ASB-07B	Second Floor Hall	Vinyl floor tile	None detected
ASB-07C	Second Floor Hall	Vinyl floor tile	None detected

**Note: One (1) positive sample for asbestos is required to determine whether a material is considered an “asbestos-containing building material”. Sampling was performed in accordance with Table 1 of O. Reg. 278/05.*

3.3.1 Sprayed Fireproofing (Friable)

Sprayed fireproofing was noted in the Stairwell to Mechanical Room 211. This material was sampled and does not contain asbestos (Sample No. ASB-01A,B,C).

3.3.2 Mechanical Insulation (Friable)

Mechanical equipment was not insulated or insulated with fibreglass.

3.3.3 Pipe insulation (Friable)

Pipes were insulated with fibreglass.

3.3.4 Textured finish (Friable)

Textured plaster finish was not observed.

3.3.5 Ceiling Tiles (Friable)

Two styles of ceiling tiles were noted in the building.

Drywall lay-in ceiling tiles were not suspected to contain asbestos and were not sampled.

Ceiling tiles in the West Entrance and adjacent office area do not contain asbestos (Sample No. ASB-05A,B,C).

3.3.6 Vinyl Sheet Flooring (Friable)

Vinyl sheet flooring was not observed.

3.3.7 Vinyl Floor Tile (Non-Friable)

Two styles of vinyl floor tile were noted in the building. Both styles do not contain asbestos (Sample No. ASB-06A,B,C and ASB-07A,B,C).

3.3.8 Drywall Joint Compound (Non-Friable)

Drywall joint compound throughout the property does not contain asbestos (Sample No. ASB-02A-G).

3.3.9 Plaster (Friable)

Plaster was not observed.

3.3.10 Cement Products (Non-Friable)

Cement products were not observed.

3.3.11 Caulking and Adhesives (Non-Friable)

Caulking noted around roof components and flashing does not contain asbestos (Sample No. ASB-03A,B,C).

3.4 Benzene

No tanks or potential sources of benzene were identified in the building.

3.5 Coke Oven Emissions

No industrial furnaces, smelting operations or coal stock piles were observed in the survey area and therefore, coke oven emissions are not expected to be present.

3.6 Ethylene Oxide

No solvents, tanks or process operations were present in the survey area and therefore, ethylene oxide is not expected to be present.

3.7 Isocyanates

No tanks or process operations were present in the survey area and therefore, isocyanates are not expected to be present.

3.8 Lead

In April 2005, the Federal Surface Coating Materials Regulation (SOR/2005-109) limited the allowable concentration of total lead present in a surface coating material (with some exceptions) to 600 mg/kg (600 ppm).

Furthermore, in December 2010, the Federal Government lowered the total lead limit in surface coating materials from 600 mg/kg to 90 mg/kg under subsections 4(1) and 5(1) and section 8 of the Surface Coatings Materials Regulations (SOR/2005-109).

Surface coating materials with lead concentrations that exceed 90 ppm (0.009% by weight) are considered to be “lead-containing” according to the Surface Coatings Materials Regulations. It is recommended that appropriate lead exposure precautions, in accordance with the Ministry of Labour guidelines, be implemented prior to the disturbance of any “lead-containing” surface coatings.

Representative samples of materials suspected to be lead-based were collected from the survey area and submitted to Caduceon Environmental Laboratories for Flame Atomic Absorption Spectroscopy analysis, where lead content is determined by spectroscopy after mineralization in a medium. The following table summarizes the results.

Table 3: Results of lead analysis of building material samples.

Sample No.	Location Description	Result (% lead by dry weight)
Pb-01	Northeast Office Area (deck paint)	<0.0005
Pb-02	Northeast Office Area (deck paint)	0.0019
Pb-03	Northeast Office Area (deck paint)	0.0015
Pb-04	Hall between Office and Warehouse	0.0008
Pb-05	Warehouse, floor paint	<0.0005

The surface coatings (paint) are not lead-containing, as they contain less than 0.009% lead by weight.

Lead may be present in the following materials:

- In brick mortar;
- as a component on solder in the joints between copper and pipe fittings, wire connections of electrical components and to seal cast iron rain water leader pipes; and
- Glaze on ceramic tile.

3.9 Mercury

Although no sampling of mercury can be performed, it is assumed that mercury is present in the following materials:

- As vapour in light tubes present throughout the building;

- as a bacteriocide or stabilizer in paints and caulking.

3.10 Silica

Silica is present in the concrete, concrete blocks, mortar, masonry, ceramics, grout and drywall.

3.11 Vinyl Chloride

No solvents, tanks or process operations were observed to be present in the survey area. Vinyl chloride may be present within plastic components of the plumbing system and vinyl floor tiles.

3.12 Polychlorinated Biphenyls (PCBs)

Light ballasts were inspected and are not PCB-containing.

4.0 Conclusions

All structures on site were reviewed and the following Designated Substances have been identified:

- **Asbestos** in rain water leaders present in the Warehouse;
- **Lead** in mortar, solder and ceramic tile glaze;
- **Mercury** as a vapour in light tubes and assumed to be in used as a bacteriocide or stabilizer in paints and caulking;
- **Silica** in concrete, mortar, masonry, ceramics, grout and drywall.

5.0 Recommendations

All Designated Substances must be handled and removed in accordance with Ontario Regulation 490/09 - Designated Substances.

Disposal of Designated Substances must be performed in compliance with O. Reg. 347/90, General - Waste Management under the Environmental Protection Act.

Based on the findings of this report, the following Designated Substances must be removed prior to demolition:

5.1 Lead

O. Reg. 490/09 and Ministry of Labour Guideline: Lead on Construction Projects, September 2004 outlines work procedures where lead is present and workers are likely to inhale, ingest or absorb lead. As such, all precautions and procedures should be followed during demolition to control the time-weighted exposure of a worker and limit the worker exposure to less than 0.05 mg/m³ of lead.

5.2 Mercury

The light tubes throughout the building contain mercury. Recycle and reclaim mercury from fluorescent ballasts, ensuring not to break lamps or separate liquid mercury from components. Mercury must be disposed of in accordance with local regulations.

5.3 Silica

Silica is a naturally occurring mineral and may be found in common aggregates in concrete, and mortar. Silica is likely present in the concrete and mortar. The health risk associated from exposure to silica is due primarily to the inhalation of free silica, particularly in the form of dust associated with the abrading or cutting of silica-containing materials. Removal of Silica should be performed in accordance with the Ministry of Labour Guideline: Silica on Construction Projects, September 2004.

6.0 Limitations

This assessment and report was completed in accordance with industry accepted environmental methodologies referred to in the Occupational Health and Safety Act and Ontario Regulation 490/09 - Designated Substances and contains all of the limitations inherent in these methodologies. No other warranties, expressed or implied, are made as to the professional services provided under the terms of our contract and included in this report.

The conclusions and recommendations of this assessment report are based on the conditions at the time of the investigation and partly on the concerns and information provided by the Client. Sampling results only apply to the conditions of the site at the date and time of the investigation and cannot predict future conditions. Concealed conditions may exist and may differ from the conditions encountered and inspected during the investigation. This report is intended for Client use only and LEAP Management Inc. is not responsible for third party use of this report. LEAP Management Inc. is not responsible for any damages due to decisions made based on the conclusions presented in this report.

The services performed and outlined in this report were based, in part, upon visual observations of the site and attendant structures. Our opinion cannot be extended to portions of the site that were unavailable for direct observation, beyond the control of LEAP Management Inc. The objective of this report is to assess environmental conditions of the site, within the context of our contract and existing environmental regulations within the applicable jurisdiction.

6.1 Closing

I hope this report has met your needs at this time. Please feel free to contact me for any of your environmental concerns.

Best regards,

A handwritten signature in black ink, reading "Lilja Palsson", is displayed on a light gray rectangular background.

Lilja Palsson, B.Sc., Dip. Eng., CRSP

LEAP Management Inc.

lilja@leapmgt.com

T: 647.340.7577

Appendix A: Laboratory Results



Laboratory Analysis Report

To:

Lilja Palsson
 Leap Management Inc.
 252 Gladstone Avenue
 Toronto, Ontario
 M6J 3L6

EMC LAB REPORT NUMBER: A106052

Job/Project Name: 145 Harry Walker

Analysis Method: Polarized Light Microscopy – EPA 600

Date Received: Jul 2/24

Date Analyzed: Jul 4/24

Analyst: Fabio Anunciacao

Reviewed By: Malgorzata Sybydlo

Job No: 6539.1

Number of Samples: 25

Date Reported: Jul 4/24

Client's Sample ID	Lab Sample No.	Description/Location	Sample Appearance	SAMPLE COMPONENTS (%)		
				Asbestos Fibres	Non-asbestos Fibres	Non-fibrous Material
ASB-01A	A106052-1	Stairwell to Mechanical Rm, SFP	White, fibrous material	ND	90	10
ASB-01B	A106052-2	Stairwell to Mechanical Rm, SFP	White, fibrous material	ND	90	10
ASB-01C	A106052-3	Stairwell to Mechanical Rm, SFP	White, fibrous material	ND	90	10
ASB-02A	A106052-4	2 nd FL Mech Room 211, DJC	White, joint compound	ND		100
ASB-02B	A106052-5	NE Office (Legal Services), DJC	White, joint compound	ND		100
ASB-02C	A106052-6	East Legal Services, DJC	White, joint compound	ND		100
ASB-02D	A106052-7	NE 001A, DJC (Column)	White, joint compound	ND		100
ASB-02E	A106052-8	Men's Locker Room, DJC	White, joint compound	ND		100
ASB-02F	A106052-9	Women's Locker Room, DJC	White, joint compound	ND		100
ASB-02G	A106052-10	Cafeteria, DJC	White, joint compound	ND		100
ASB-03A	A106052-11	Exterior, Caulking	3 Phases: a) Off white, caulking b) Beige, caulking c) White, cementitious material	ND ND ND		100 100 100
ASB-03B	A106052-12	Exterior, Caulking	Black, tar with fibres	ND	20	80
ASB-03C	A106052-13	Exterior, Caulking	Black, caulking	ND		100
ASB-04A	A106052-14	NE Office Area, Levelling Compound	2 Phases: a) Grey, cementitious material	ND		100

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Laboratory Analysis Report

EMC LAB REPORT NUMBER: A106052

Client's Job/Project Name/No.: 6539.1

Analyst: Fabio Anunciacao

Client's Sample ID	Lab Sample No.	Description/Location	Sample Appearance	SAMPLE COMPONENTS (%)			
				Asbestos Fibres		Non-asbestos Fibres	Non-fibrous Material
			b) Colourless, mastic	ND			100
ASB-04B	A106052-15	NE Office Area, Levelling Compound	2 Phases: a) Grey, cementitious material b) Colourless, mastic	ND			100 100
ASB-04C	A106052-16	NE Office Area, Levelling Compound	2 Phases: a) Grey, cementitious material b) Colourless, mastic	ND			100 100
ASB-05A	A106052-17	West Ent Hall, Ceiling Tile	White, ceiling tile	ND		75	25
ASB-05B	A106052-18	West Ent Hall, Ceiling Tile	White, ceiling tile	ND		75	25
ASB-05C	A106052-19	West Ent Hall, Ceiling Tile	White, ceiling tile	ND		75	25
ASB-06A	A106052-20	VFT Rm 19060	Off white, vinyl floor tile	ND			100
ASB-06B	A106052-21	VFT Rm 19060	Off white, vinyl floor tile	ND			100
ASB-06C	A106052-22	VFT Rm 19060	Off white, vinyl floor tile	ND			100
ASB-07A	A106052-23	2 nd Fl Hall VFT-01	2 Phases: a) Grey, vinyl floor tile b) Black, mastic	ND			100 100
ASB-07B	A106052-24	2 nd Fl Hall VFT-01	2 Phases: a) Grey, vinyl floor tile b) Black, mastic	ND			100 100
ASB-07C	A106052-25	2 nd Fl Hall VFT-01	2 Phases: a) Grey, vinyl floor tile b) Black, mastic	ND			100 100

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Laboratory Analysis Report

EMC LAB REPORT NUMBER: A106052

Client's Job/Project Name/No.: 6539.1

Analyst: Fabio Anunciacao

Note:

1. Bulk samples are analyzed using Polarized Light Microscopy (PLM) and dispersion staining techniques. The analytical procedures are in accordance with EPA 600/R-93/116 method.
2. The results are only related to the samples analyzed. **ND** = None Detected (no asbestos fibres were observed), **NA** = Not Analyzed (analysis stopped due to a previous positive result).
3. This report may not be reproduced, except in full without the written approval of EMC Scientific Inc. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. Government.
4. The Ontario Regulatory Threshold for asbestos is 0.5%. The limit of quantification (LOQ) is 0.5%.
5. Vinyl floor tiles may contain very fine asbestos fibres which the PLM method cannot detect. TEM analysis may be necessary to confirm the absence of asbestos.

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CERTIFICATE OF ANALYSIS

Final Report

C.O.C.: -

REPORT No: 24-019784 - Rev. 0

Report To:
EMC Scientific Inc.
5800 Ambler Dr. #100
Mississauga, ON L4W 4J4

CADUCEON Environmental Laboratories
2378 Holly Lane
Ottawa, ON K1V 7P1

Attention: Alister Haddad

DATE RECEIVED: 2024-Jul-03
DATE REPORTED: 2024-Jul-03
SAMPLE MATRIX: Paint Chips

CUSTOMER PROJECT: 6539.1 (Harry Walker)
P.O. NUMBER:

Analyses	Qty	Site Analyzed	Authorized	Date Analyzed	Lab Method	Reference Method
ICP/OES (Solid)	5	OTTAWA	NHOGAN	2024-Jul-03	D-ICP-02	EPA 6010

R.L. = Reporting Limit

NC = Not Calculated

Test methods may be modified from specified reference method unless indicated by an *

Client I.D.	Sample I.D.	Date Collected	Parameter	Lead
			Units	%
			R.L.	0.0005
Pb-01 Deck, paint	24-019784-1	2024-Jun-28		<0.0005
Pb-02 Deck, paint	24-019784-2	2024-Jun-28		0.0019
Pb-03 Deck, paint	24-019784-3	2024-Jun-28		0.0015
Pb-04 Floor, paint (hall)	24-019784-4	2024-Jun-28		0.0008
Pb-05 Warehouse, paint (floor)	24-019784-5	2024-Jun-28		<0.0005

Michelle Dubien
Data Specialist

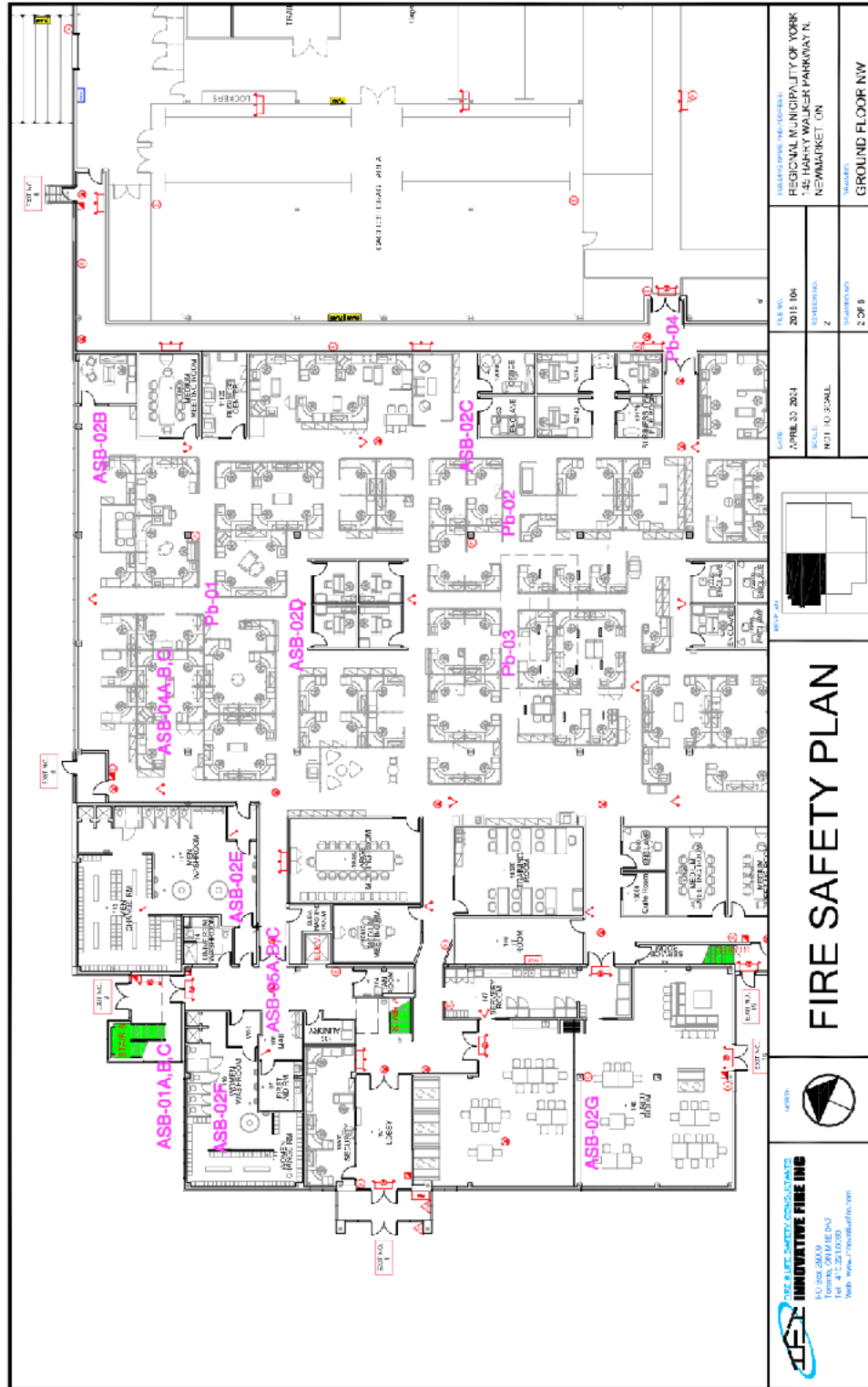
The analytical results reported herein refer to the samples as received and relate only to the items tested. Reproduction of this analytical report in full or in part is prohibited without prior consent from Caduceon Environmental Laboratories.

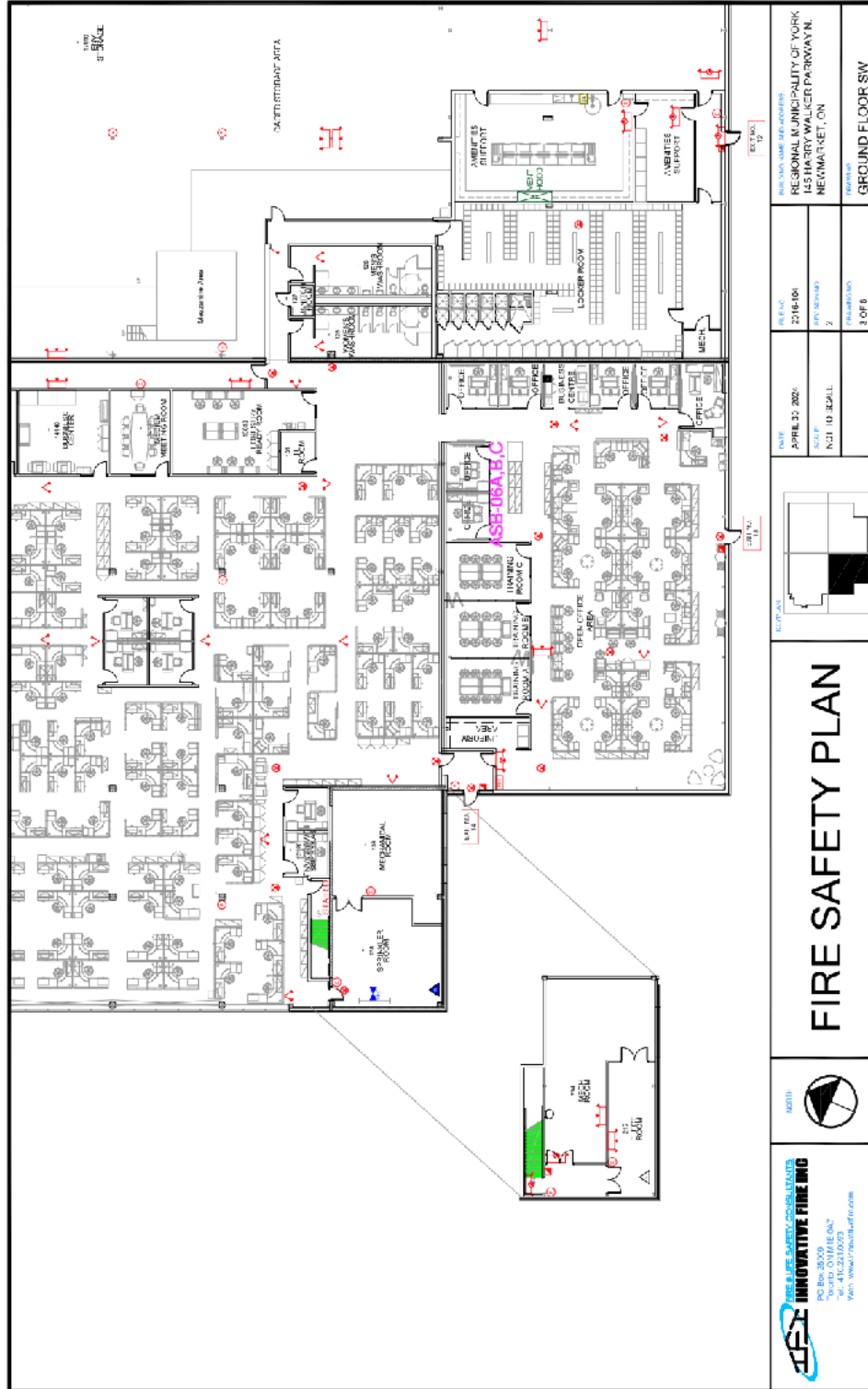
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Appendix B: Summary of Asbestos Containing Materials

Location Name	System	Material	Quantity	Asbestos Content
Warehouse (east)	Rain water leader	transite	30 ft	Assumed asbestos

Appendix C: Floor Plans with Sample Locations







		FIRE SAFETY PLAN			
		DATE: APRIL 30, 2024	REVISION: 2016 104		
		SCALE: NOT TO SCALE	NO. OF SHEETS: 2		

2ND FLOOR