Attachment C

Designated Substance Survey

Commissioners Transfer Station MRF Building, EXP, February 2023

Commissioners Transfer Station, Fisher Environmental Ltd., April 2023

February 17, 2023

The Corporation of the City of Toronto
Solid Waste Management Services
100 Queen Street West
Toronto, Ontario M5H 2N2

Attention: Mr. Ahmad M. Mian, Sr. Project Manager – Capital Delivery Infrastructure & Resource Management

Re: BRM-22028009-A0 Asbestos Analytical Results - Commissioners Transfer Station
MRF Building - 400 Commissioners Street, Toronto, ON

Dear Mr. Mian,

1. Introduction

At the request of The Corporation of the City of Toronto, EXP Services Inc. (EXP) was retained to collect bulk samples of the suspect asbestos-containing materials listed below from the Metal Recycling Facility (MRF) building located at the Commissioners Transfer Station for asbestos analysis.

- Sealant associated with overhead door perimeter joints of the MRF building;
- Brick wall joint caulking of the MRF building; and,
- Mastics and sealants associated Loading dock roof/roof flashing.

The site visit to collect bulk samples for asbestos analysis was conducted by Mr. Sahil and Mr. Kaveh Farhadi Hikooei on January 24, 2023.

A copy of the laboratory analysis report is included in Appendix A and drawing illustrating sample locations are provided in Appendix C.

2. Methodology

Bulk samples of above motioned building materials suspected of containing asbestos were collected using wetting techniques and hand sampling tools. The number of bulk material samples collected from a homogeneous suspect asbestos-containing material was taken in accordance with Table 1 of O. Reg. 278/05. A total of nine (9) samples were collected and sent to an accredited laboratory for analysis.

A summary of potential asbestos-containing samples collected along with the sample locations are presented in Table 1. Photographs of the sampled materials are provided in Appendix B for reference purposes.

All samples were analyzed by EMSL Canada Inc. (EMSL), an independent laboratory that participates in the National Voluntary Laboratory Accreditation Program (NVLAP) for asbestos fiber analysis (NVLAP code # 200877-0). A chain of custody form containing relevant information accompanied all submissions.

Bulk samples were analyzed by Polarized Light Microscopy (PLM). The method and procedures used for establishing whether material is asbestos-containing is in accordance with the U.S. Environmental Protection Agency Method for the Determination of Asbestos in Bulk Building Materials (Test Method EPA/600/R-93/116). In accordance with the O. Reg. 278/05, if a material was found to contain 0.5% or greater than 0.5% asbestos, additional bulk material samples taken from the same homogeneous materials were not analyzed.

3. Findings and Results

A summary of the analytical results from this current sampling program is summarized in Table 1 below.

Sample ID	Sample Location	Type of Material	Asbestos Type and Content
BS1.1	Exterior - South Side - Overhead Door #2	Door Caulking - Grey/Various	None Detected
BS1.2	Exterior - South Side - Overhead Door #3	Door Caulking - Grey/Various	None Detected
BS1.3	North Side - Overhead Door	Door Caulking - Grey	None Detected
BS2.1	Exterior - Brick Wall	Brick Wall Joint Caulking - Brown/Grey	None Detected
BS2.2	Exterior - Brick Wall	Brick Wall Joint Caulking - Brown/Grey	None Detected
BS2.3	Exterior - Brick Wall	Brick Wall Joint Caulking - Brown/Grey	None Detected
*BS3.1	Exterior - Metal Roof	Sealant (trowel-applied) on Metal Roof - Grey/White/Silver	None Detected
*BS3.2	Exterior - Metal Roof	Sealant (trowel-applied) on Metal Roof - Grey/White/Silver	None Detected
*BS3.3	Exterior - Metal Roof	Sealant (trowel-applied) on Metal Roof - Grey/White	None Detected

Notes:

- *Bulk samples of visually similar sealant were collected from the main metal roof of the MRF building as access to the roof-top of the loading dock was not achievable due ice built up. Refer to Photograph No. 2.1 and 2.2 in Appendix B of the building; and,

- An Asbestos-Containing Material (ACM) is defined by the Ontario Regulation 278/05, the Regulation respecting Asbestos on Construction Projects in Buildings and Repair Operations – made under the Occupation Health and Safety Act (O. Reg. 278/05) as a material that contains 0.5% or more asbestos by dry weight.

Based on the analytical results, asbestos content was not identified in the bulk samples collected from the building materials listed below:

- Sealant associated with overhead door perimeter joints of the MRF building;
- Brick wall joint caulking of the MRF building; and,
- Mastics and sealants (trowel-applied) associated Loading dock roof/roof flashing.

It should be noted that based on the findings of the Designated Substances Survey report prepared by Fisher Environmental Ltd. for Commissioners Transfer Station dated August 2021, the grey colour caulking associated with the brick wall and metal frame of the loading dock is identified to contain 0.5 – 5% Chrysotile asbestos. This asbestos-containing caulking material is considered non-friable ACM as per O. Reg. 278/05. Similar asbestos-containing caulking was observed on the joint associated with the metal flashing and brick wall on the roof of the loading dock. Refer to Photographs No. 4.1, 4.2 and 4.3 in Appendix B of this report.

3. Recommendations

On the basis of our walk-through examination of the subject building, the following recommendations are presented.

- *This report must be read in conjunction with the abovementioned DSS report prepared by* Fisher Environmental Ltd. for Commissioners Transfer Station dated August 2021;
- *Prior to renovation activities which may disturbed the identified asbestos-containing caulking, this material must be removed following Type 1 asbestos abatement work procedures as detailed in O. Reg. 278/05 and disposed of as asbestos waste under O. Reg. 347;*
- *Any suspect asbestos-containing material uncovered during the course of renovation or demolition activities that is not mentioned in this report shall be considered asbestos-containing until sampling and analysis as per O. Reg. 278/05 indicates otherwise. If confirmed as ACM, this material shall be removed following appropriate asbestos abatement work procedures (Type 1/2/3) as detailed in O. Reg. 278/05 and disposed of as asbestos waste under O. Reg. 347;*
- *Sub-trades working with or in close proximity to asbestos-containing material must be informed of its presence; and,*
- *Ontario Regulation 278/05, made under the Occupational Health and Safety Act, specifies that an Asbestos Management Plan (AMP) must be implemented if any asbestos-containing materials (friable or non-friable) are known to be present in the building and are to remain in place. An inventory of asbestos-containing materials must be kept on site. All materials must be routinely inspected to ensure no damage has occurred and the inventory must be updated once in each 12-month period and as may be required based on expected changing site conditions, abatement and/or renovation activities.*

4. General Statement of Limitations

The services performed and outlined herein were based in part, upon visual observations of the subject area of the building. Our opinion cannot be extended to portions of the building that were unavailable for direct observation by objects or coverings at the time of our site visit.

Where testing was performed, it was executed in accordance with our contract for these services. It should be noted that other compounds or materials not tested for may be present in the environment.

The objective of this report was to collect bulk samples of above-mentioned suspect asbestos-containing materials from the building for asbestos analysis within the context of our contract with respect to existing Regulations within the applicable jurisdiction. Compliance of past and current owners with applicable local, provincial and federal government laws and regulations was not included in our contract for services.

The conclusions of this report are based, in part, on the information provided by others and any testing and analyses described in the report. The possibility remains that unexpected environmental conditions may be encountered at the building in locations not explored. Should such an event occur, EXP should be notified in order that we may determine if modifications to our conclusions are necessary.

This report has been prepared in accordance with generally accepted environmental study and/or engineering practices. No other warranties, either expressed or implied, are made as to the professional services provided under the terms of our contract and included in this report.

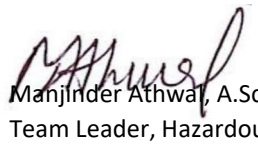
This report has been prepared for the exclusive use of City of Toronto in accordance with accepted environmental study and/or engineering practices for bulk sampling for asbestos as per O. Reg. 278/05. No other warranties, either expressed or implied, are made as to the professional services provided under the terms of bulk sampling for asbestos as per O. Reg. 278/05 and included in this report. Any use which a third party makes of this report, or any part hereof, or any reliance on or decisions to be made based on it, are the responsibility of such third parties. EXP accepts no responsibility for damages, if any, suffered by any third party as a result of decisions made or actions based on this report.

We trust the aforementioned meets your immediate requirements. If you have any questions or concerns, please do not hesitate to contact the undersigned at your earliest convenience.

Sincerely,

EXP Services Inc.

Sahil
Hazardous Materials Technologist
Earth and Environmental Services



Manjinder Athwal, A.Sc.T.
Team Leader, Hazardous Materials Services
Environmental Services

Appendices: Appendix A – Laboratory Analysis Report
Appendix B – Photographs
Appendix C – Figures

Appendix A - Laboratory Analytical Results

EMSL Canada Inc.

2756 Slough Street Mississauga, ON L4T 1G3
Phone/Fax: (289) 997-4602 / (289) 997-4607
http://www.EMSL.com / torontolab@emsl.com

EMSL Canada Order 552301100
Customer ID: 55TROW22
Customer PO: BRM-22028009-A0
Project ID:

Attn: Sahil
EXP Services Inc.
1595 Clark Blvd
Brampton, ON L6T 4V1

Phone: (905) 793-9800
Fax: (905) 793-0641
Collected: 1/24/2023
Received: 1/25/2023
Analyzed: 2/01/2023

Proj: BRM-22028009-A0 - 400 Commissioners Street, Toronto, Ontario

Summary Test Report for Asbestos Analysis of Bulk Materials for Ontario Regulation 278/05

Client Sample ID: BS1.1 ***Lab Sample ID:*** **552301100-0001**

Sample Description: Exterior - South Side - Overhead Door #2/Door Caulking

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/01/2023	Gray/Various	2.0%	98.0%	None Detected	

Client Sample ID: BS1.2 ***Lab Sample ID:*** **552301100-0002**

Sample Description: Exterior - South Side - Overhead Door #3/Door Caulking

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/01/2023	Gray/Various	2.0%	98.0%	None Detected	

Client Sample ID: BS1.3 ***Lab Sample ID:*** **552301100-0003**

Sample Description: Exterior - North Side - Overhead Door/Door Caulking

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/01/2023	Gray	0.0%	100.0%	None Detected	

Client Sample ID: BS2.1 ***Lab Sample ID:*** **552301100-0004**

Sample Description: Exterior - Brick Wall/Brick Wall Joint Caulking

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/01/2023	Brown/Gray	0.0%	100.0%	None Detected	

Client Sample ID: BS2.2 ***Lab Sample ID:*** **552301100-0005**

Sample Description: Exterior - Brick Wall/Brick Wall Joint Caulking

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/01/2023	Brown/Gray	0.0%	100.0%	None Detected	

Client Sample ID: BS2.3 ***Lab Sample ID:*** **552301100-0006**

Sample Description: Exterior - Brick Wall/Brick Wall Joint Caulking

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/01/2023	Brown/Gray	0.0%	100.0%	None Detected	

Client Sample ID: BS3.1 ***Lab Sample ID:*** **552301100-0007**

Sample Description: Exterior - Metal Roof/Sealant on Metal Room

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/01/2023	Gray/White/Silver	0.0%	100.0%	None Detected	

EMSL Canada Inc.

2756 Slough Street Mississauga, ON L4T 1G3
Phone/Fax: (289) 997-4602 / (289) 997-4607
http://www.EMSL.com / torontolab@emsl.com

EMSL Canada Order 552301100
Customer ID: 55TROW22
Customer PO: BRM-22028009-A0
Project ID:

Summary Test Report for Asbestos Analysis of Bulk Materials for Ontario Regulation 278/05

Client Sample ID: BS3.2 ***Lab Sample ID:*** **552301100-0008**

Sample Description: Exterior - Metal Roof/Sealant on Metal Room

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/01/2023	Gray/White/Silver	0.0%	100.0%	None Detected	

Client Sample ID: BS3.3 ***Lab Sample ID:*** **552301100-0009**

Sample Description: Exterior - Metal Roof/Sealant on Metal Room

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	2/01/2023	Gray/White	0.0%	100.0%	None Detected	

Analyst(s):

Marzan Regaspi PLM (3)
Vanessa Gallego PLM (6)

Reviewed and approved by:

Matthew Davis or other approved signatory
or Other Approved Signatory

None Detected = <0.1%. EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This is a summary report; official reports are available on LabConnect or upon request and relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method") but augmented with procedures outlined in the 1993 ("final") version of the method. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Canada Inc. Mississauga, ON NVLAP Lab Code 200877-0

Initial report from: 02/01/202317:01:39

OrderID: 552301100

EMSL CANADA, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Chain of Custody

EMSL Order Number *(Lab Use Only)*: 552301100

EMSL CANADA, INC.
2756 SLOUGH STREET
MISSISSAUGA, ON L4T 1G3
PHONE: (289) 997-4602
FAX: (289) 997-4607

Company : EXP Services Inc.	**EMSL-Bill to:** ☒ Same ☐ Different If Bill to is Different note instructions in Comments** *Third Party Billing requires written authorization from third party*
Street: 1595 Clark Blvd	
City: Brampton **State/Province: ON**	**Zip/Postal Code: L6T 4V1** **Country: Canada**
Report To (Name): Sahil	**Fax #:**
Telephone #: 365-777-3542	**Email Address: sahil@exp.com**
Project Name/Number: BRM-22028009-A0 - 400 Commissioners Street, Toronto, Ontario	
Please Provide Results: ☐ Fax ☒ Email **Purchase Order:**	**U.S. State Samples Taken: ON**

Turnaround Time (TAT) Options* – Please Check

☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☒ 1 Week ☐ 2 Week

**For TEM Air 3 hours through 6 hours, please call ahead to schedule.*There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.*

PCM - Air
- ☐ NIOSH 7400
- ☐ w/ OSHA 8hr. TWA

PLM - Bulk (reporting limit)
- ☒ PLM EPA 600/R-93/116 (<1%)
- ☐ PLM EPA NOB (<1%)

Point Count
- ☒ 400 (<0.25%) ☐ 1000 (<0.1%)

Point Count w/Gravimetric
- ☐ 400 (<0.25%) ☐ 1000 (<0.1%)
- ☐ IRSST 244-3 PLM/TEM
- ☐ NIOSH 9002 (<1%)

TEM – Air ☐ **4-4.5hr TAT (AHERA only)**
- ☐ AHERA 40 CFR, Part 763
- ☐ NIOSH 7402
- ☐ EPA Level II
- ☐ ISO 10312

TEM - Bulk
- ☐ TEM EPA NOB
- ☐ NYS NOB 198.4 (non-friable-NY)
- ☐ Chatfield SOP
- ☐ TEM Mass Analysis-EPA 600 sec. 2.5

TEM – Water: EPA 100.2
- Fibers >10µm ☐ Waste ☐ Drinking
- All Fiber Sizes ☐ Waste ☐ Drinking

TEM- Dust
- ☐ Microvac - ASTM D 5755
- ☐ Wipe - ASTM D6480
- ☐ Carpet Sonication (EPA 600/J-93/167)

Soil/Rock/Vermiculite
- ☐ PLM EPA 600/R-93/116 with milling prep (<1%)
- ☐ PLM EPA 600/R-93/116 with milling prep(<0.25%)
- ☐ TEM EPA 600/R-93/116 with milling prep (<1%)
- ☐ TEM Qualitative via Filtration Prep
- ☐ TEM Qualitative via Drop Mount Prep
- ☐ Cincinnati Method EPA 600/R-04/004 - PLM/TEM (BC only)

Other:
- ☐

☒ **Check For Positive Stop – Clearly Identify Homogenous Group** | **Filter Pore Size (Air Samples):** ☐ 0.8µm ☐ 0.45µm

Samplers Name: Sahil and Kaveh Farhadi Hikooei | **Samplers Signature:**

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
	Please see attached		January 24, 2023

RECEIVED
EMSL CANADA, INC.
TORONTO
2023 JAN 25 A 10: 26

Client Sample # (s): BS1.1 - BS3.3 **Total # of Samples:** 9

Relinquished (Client): Sahil **Date:** January 25, 2023 **Time:**

Received (Lab): Lab 55/NC **Date:** 1/25/23 **Time:** 10:26 Am

Comments/Special Instructions: BillTo: exp Services Inc., 1595 Clark Blvd, Brampton, ON, L6T 4V1, Canada
Attention: Manjinder Athwal Phone: 905 793 9800 Email: manjinder.athwal@exp.com & ap@exp.com
Please Analyze All Layers Separately

Sample Name	Location	Description	Commentaire
BS1.1	Exterior - South Side - Overhead Door #2	Door Caulking	
BS1.2	Exterior - South Side - OverheadDoor #3	Door Caulking	
BS1.3	Exterior - North Side - Overhead Door	Door Caulking	
BS2.1	Exterior - Brick Wall	Brick Wall Joint Caulking	
BS2.2	Exterior - Brick Wall	Brick Wall Joint Caulking	
BS2.3	Exterior - Brick Wall	Brick Wall Joint Caulking	
BS3.1	Exterior - Metal Roof	Sealant on Metal Roof	
BS3.2	Exterior - Metal Roof	Sealant on Metal Roof	
BS3.3	Exterior - Metal Roof	Sealant on Metal Roof	

Appendix B - Photographs

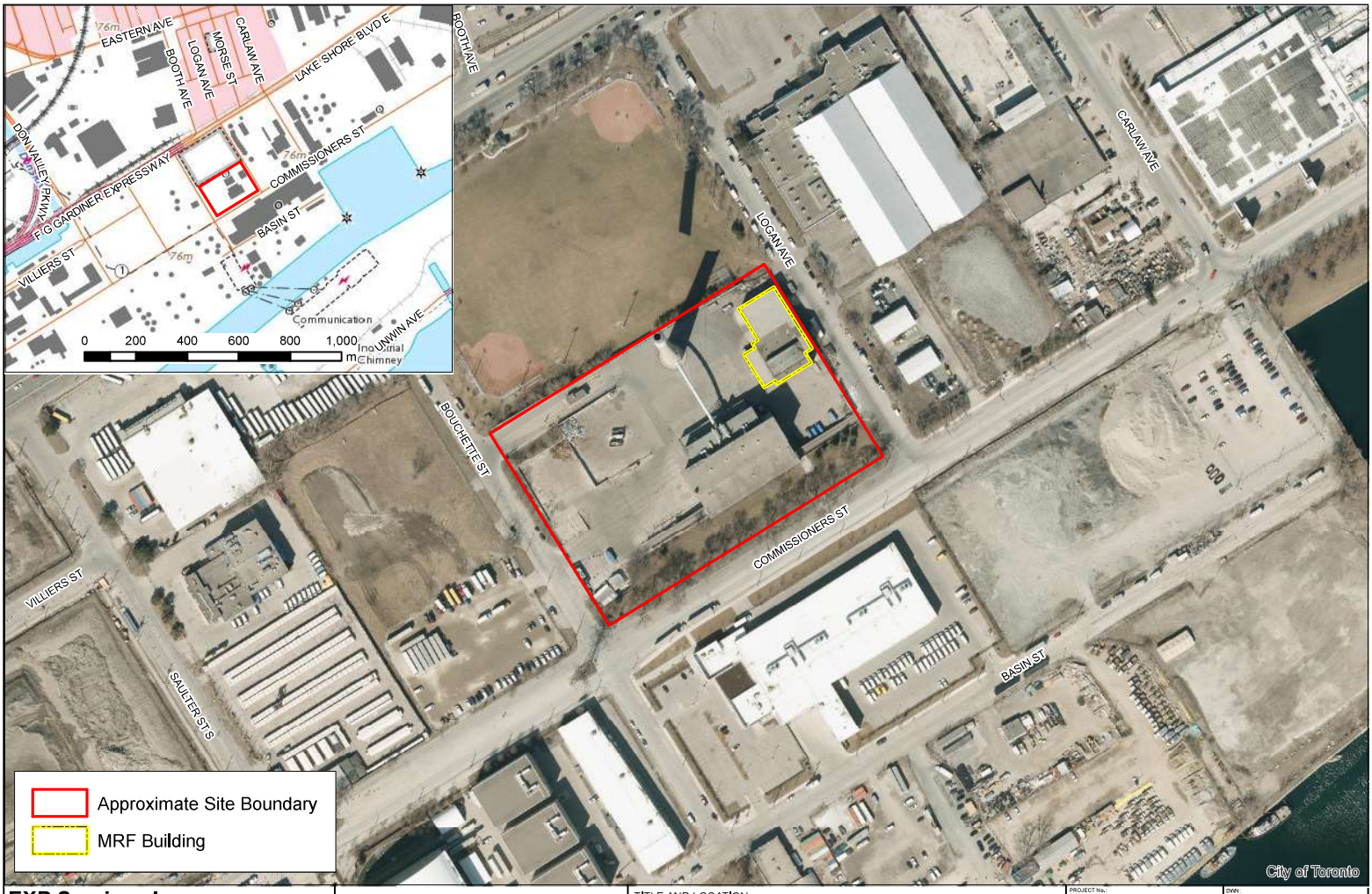
Photograph No. 1.1, 1.2, 1.3 and 1.4: View of the non-asbestos perimeter sealant joints on the exterior overhead door of the subject building.

Photograph No. 2.1 and 2.2: View of the non-asbestos sealant (trowel-applied) on the main metal roof of the subject building. Similar sealant was observed on the loading dock metal roof.

Photograph No. 3.1, 3.2 and 3.3: View of the non-asbestos brick wall joint caulking on the exterior of the subject building.

Photograph No. 4.1, 4.2, and 4.3: View of the asbestos containing caulking associated with metal frame of the loading dock and brick wall on the exterior of the subject building.

Appendix C - Figures



EXP Services Inc.
t: +1.905.793.9800 | f: +1.905.793.0641
1595 Clark Boulevard
Brampton, ON L6T 4V1
Canada
www.exp.com

• BUILDINGS • EARTH & ENVIRONMENT • ENERGY •
• INDUSTRIAL • INFRASTRUCTURE • SUSTAINABILITY •

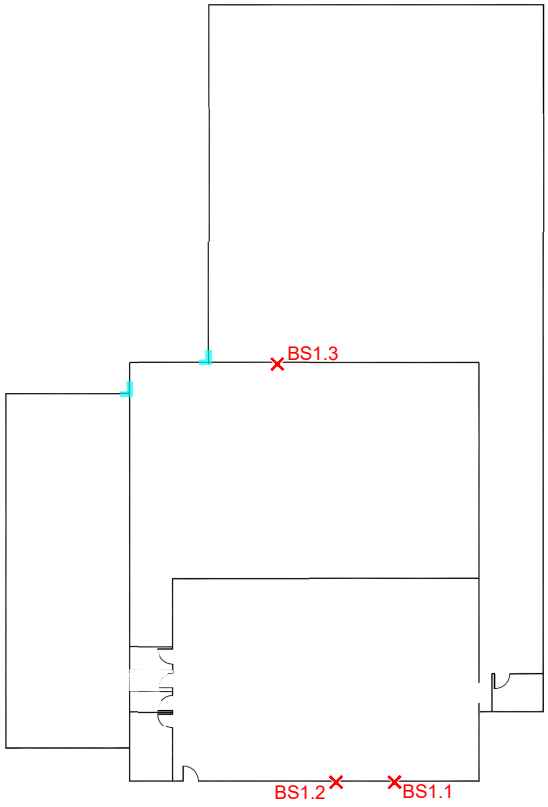
N

0 30 60 90 120 150 m

TITLE AND LOCATION:

SITE LOCATION PLAN
BULK SAMPLING FOR ASBESTOS
400 Commissioners Street
Toronto, Ontario

PROJECT No.: BRM-22028009-A0	DWN: HY
SCALE: AS NOTED	CHKD: MA
DATE: FEBRUARY 2023	FIG. No.: 1



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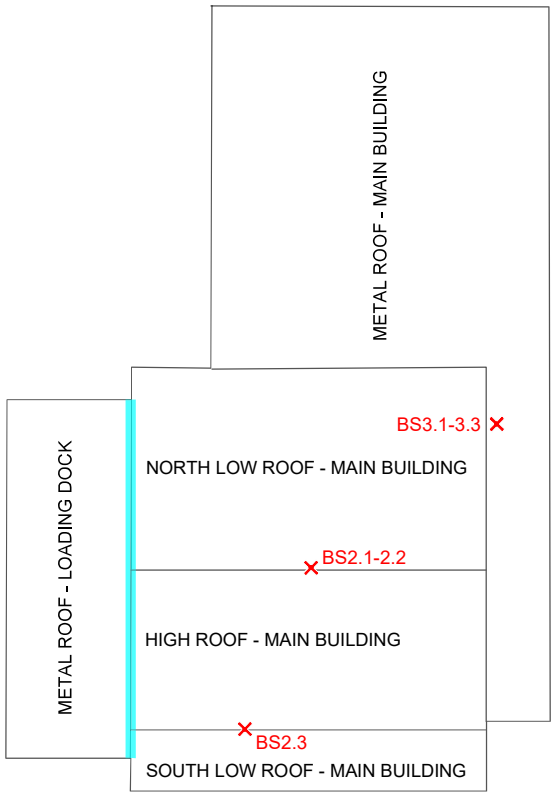
LEGEND:
BSXX LOCATION OF ASBESTOS SAMPLE
ASBESTOS-CONTAINING CAULKING ON BRICK WALL AND METAL FRAME

NOTE:
THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE REPORT.

TITLE AND LOCATION:
LOCATION OF IDENTIFIED ACMS
BULK SAMPLING FOR ASBESTOS
MRF BUILDING - 400 COMMISSIONERS STREET
TORONTO, ONTARIO

JOB NO.:	DRAWN BY:
BRM-22028009-A0	HY
SCALE: NTS	CHECKED BY: MA
DATE: FEBRUARY 2023	FIG NO.: 2



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Canada
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• INDUSTRIAL • INFRASTRUCTURE • SUSTAINABILITY •

LEGEND:
BSXX LOCATION OF ASBESTOS SAMPLE
ASBESTOS-CONTAINING CAULKING ON BRICK WALL AND METAL FLASHING AND SIMILAR CAULKING ON METAL FRAME AND BRICK WALL OF LOADING DOCK

NOTE:
THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE REPORT.

TITLE AND LOCATION:
LOCATION OF IDENTIFIED ACMS - ROOF
BULK SAMPLING FOR ASBESTOS
MRF BUILDING - 400 COMMISSIONERS STREET
TORONTO, ONTARIO

JOB NO.: BRM-22028009-A0	DRAWN BY: HY
SCALE: NTS	CHECKED BY: MA
DATE: FEBRUARY 2023	FIG NO.: 3

DESIGNATED SUBSTANCE SURVEY

COMMISSIONERS TRANSFER STATION
400 COMMISSIONERS STREET

Toronto, Ontario

Presented to:

Sara Reid

City of Toronto
Facilities Management

Fisher Environmental Ltd.
Project Number: FE 23-12800

APRIL, 2023

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TABLE OF CONTENTS

1. INTRODUCTION AND REGULATORY REQUIREMENTS

1.1 Introduction and Scope

Fisher Environmental Ltd. was retained by the City of Toronto, Facilities Management to conduct a Designated Substance Survey of building materials in Commissioners Transfer Station at 400 Commissioners Street in Toronto, Ontario.

The objectives of the Designated Substance Survey (DSS) are to establish locations, conditions and types of designated substances contained within a building and, if necessary, provide recommendations to fulfill requirements set forth under the Ontario Occupational Health and Safety Act (OHSA) to achieve regulatory compliance. Preparation of the DSS report, which includes a brief description of the materials present, and the findings of the DSS, will fulfill the requirements of the Ontario Ministry of Labour (MOL) regulations for designated substances; O. Reg. 490/09 – Designated Substances and O. Reg. 278/05 – Asbestos on Construction Projects and in Buildings and Repair Operations.

The DSS should also include an examination for the presence of polychlorinated biphenyls (PCBs) and visible mould growth. This document should be filed as an addendum to the original survey, which was conducted by Resource Environmental Associates on September 19, 2007.

The *Designated Substance Survey* report is intended for management purposes only to demonstrate compliance with regulations. It is not to be used to establish the designated substance content within building materials before renovation or demolition activities. Prior to any work activities that may disturb building materials, a thorough Pre-Renovation or Pre-Demolition survey of the work area for designated substances and hazardous materials shall be conducted. Iqbal Fattah of Fisher Environmental Ltd. performed the fieldwork on March 1, 2023.

2. SURVEY METHODOLOGY

2.1 General Approach

To ensure familiarity with the building, the Surveyor made reference to the previous assessment and reassessment reports provided by the City of Toronto prior to commencing the survey. The Surveyor also made reference to facility floor plans included in the previous assessment reports, or provided independently by the City of Toronto. Facility drawings identifying locations of asbestos-containing materials, if present, are included in Appendix IV. Site photographs are included in Appendix V.

2.2 Survey Methodology

The City of Toronto provided the consultant with the previous DSS report and / or other survey reports of designated substances identified within the facility, if available. Prior to conducting the DSS, the reports were reviewed by Fisher Environmental Ltd. and updated with all available information regarding ACM, including that from past assessments and reassessments.

The survey was conducted in compliance with the Ontario Ministry of Labour (MOL) regulations for designated substances; O. Reg. 490/09 - *Designated Substances* and O. Reg. 278/05 - *Asbestos on Construction Projects and in Buildings and Repair Operations* made under the Occupational Health and Safety Act (OHSA), R.S.O. 1990.

The Surveyor conducted a visual reassessment of all known and assumed asbestos-containing materials in all accessible areas of the building, as detailed in past survey reports and the Reassessment Survey Form, and recorded the condition (GOOD, FAIR or POOR) of each known or assumed ACM on the Asbestos Reassessment Survey Form. The Surveyor also recorded detailed

descriptions of previously-unidentified potential ACM, if observed. Please refer to Appendix I for the updated Reassessment Survey Form.

Materials confirmed to be asbestos-containing during previous assessments were not sampled for this reassessment survey. Additionally, samples were not collected of materials that were previously confirmed to be non-asbestos by the requirements of Ontario Regulation 278/05.

Any other potential asbestos-containing materials noted during the reassessment survey that had not been identified in a previous survey, or were not sampled in accordance with the requirements of O. Reg. 278/05, were sampled as part of the reassessment.

The DSS is based on a walk-through inspection of the facility and shall be conducted room by room to establish locations, conditions and types of designated substances. The survey shall also include an examination for the presence of polychlorinated biphenyls (PCBs) and visible mould growth.

3. FINDINGS AND RECOMMENDATIONS

3.1 *Asbestos*

Asbestos fibres may be released into the air by the disturbance of asbestos containing material (ACM) during product use, demolition work, building or home maintenance, repair and remodeling. In general, exposure may occur only when the ACM is disturbed in some way to release particles and fibres into the air.

3.1.1 Findings

Previously identified assumed and/or confirmed ACM include the following:

- Roofing Materials,
- Caulking,
- Window Putty,
- Transite Ceiling Tiles, and
- Ceiling Tiles – one (1) variety.

Ceiling Tile 7 (2'×4' Pinprick with Small Scattered Fissures) not identified during previous assessment surveys, was observed in locations 2-08 Lunch Room, 2-09 Men's Locker Room, and 2-14 Men's Washroom.

All assumed and confirmed ACM were observed to be in GOOD condition at the time of the reassessment.

No samples were collected for analysis of asbestos type and content during the current survey.

Unless previously determined to be non-asbestos, plaster, drywall joint compound, vinyl floor tiles, mastics and window caulking in other areas of the facility should continue to be assumed to be asbestos-containing and should be sampled prior to renovation and/or demolition activities.

3.1.2 Recommendations

All assumed and confirmed ACM were observed to be in GOOD condition at the time of the reassessment. Therefore, no recommended corrective actions are made at this time.

Any other building materials suspected to contain asbestos which are not outlined in this report should be assumed to be asbestos-containing until sample analysis determines asbestos content.

Ontario Ministry of Labour Regulation 278/05 requires that an Asbestos Management Program (AMP) be implemented as long as asbestos-containing materials are present in a building. The

AMP, original survey report and subsequent reassessment reports must be available at the work place, and must identify the type of asbestos, and where asbestos can be found on a room-by-room basis.

NOTE: Interpretation of all sources of asbestos-related information, including but not limited to the original asbestos survey report, asbestos reassessment reports, room-by-room survey data, survey drawings and reports from previous asbestos abatement projects, should be completed by a competent person trained in the historical application of asbestos in building materials, building design and preferably by a person with site-specific knowledge and/or experience.

Information contained within any of the above-noted sources may not relieve the Regulatory responsibility of building Owners, or project Employers/Constructors, to complete a detailed site inspection prior to commencement of a project.

This report should not be used as a substitute for a detailed site inspection to identify asbestos-containing building materials, which must be specifically tailored to the scope and nature of any given project, and completed prior to any maintenance, renovation or demolition work that may cause disturbance to building materials.

3.2 *Lead*

Most lead in the environment comes from human activities such as burning fossil fuels, mining and manufacturing. Lead is used in the production of batteries, ammunition, metal products such as solder and pipes, and x-ray devices. Exposure happens when eating food or drinking water that contains lead. Deteriorated lead paint can contribute to lead dust. The main target for lead toxicity is the nervous system.

The regulation for lead applies to every employer and worker at a workplace where lead is present, produced, processed, used, handled or stored and at which a worker is likely to be exposed to lead.

Additionally, in 2004 the MOL issued *Guideline: Lead on Construction Projects* outlining practices that should be followed during construction projects to protect workers from exposure to lead. This includes the methods and equipment employed in the removal of lead containing coatings that reduce the creation of dust, providing appropriate facilities for workers to wash after each shift, and providing protective clothing and respirators where necessary.

3.2.1 Findings

Paint finishes were generally noted to be in Good condition throughout the Site. During the current investigation, no samples were collected for lead analysis.

No other indication of lead containing materials was observed during the building audit, with the exception of potential lead contained within batteries.

3.2.2 Recommendations

No immediate corrective actions were recommended with regard to lead.

During the disturbance of any painted surfaces that contain lead, it would be recommended that appropriate procedures and use of respirators be followed to protect workers.

3.3 *Acrylonitrile*

Acrylonitrile is used to make other chemicals such as plastics, synthetic rubber and acrylic fibres. Breathing high concentrations of acrylonitrile will cause nose and throat irritation, tightness in chest, difficulty breathing, nausea, dizziness, weakness, headache, impaired judgment and convulsions. These symptoms usually disappear when exposure has stopped. If spilled on the skin, acrylonitrile will burn the skin and cause blisters and redness. Acrylonitrile is believed to be carcinogenic.

3.3.1 Findings

Acrylonitrile based polymers may have been utilized in the production of some of the building construction materials (e.g., paints, sealants, and adhesives). Although these polymers are generally volatile, they are expected to produce significant acrylonitrile exposure only during or shortly after application of the subject material. If present on site, acrylonitrile would not be expected to be a concern during future renovation or demolition works. Acrylonitrile was not evident in its pure form anywhere within the subject areas of the building.

3.3.2 Recommendations

No immediate corrective actions were recommended with regard to acrylonitrile.

3.4 *Arsenic*

Inorganic arsenic compounds are mainly used to preserve wood. Organic arsenic compounds are used as pesticides. Arsenic occurs naturally in soil and minerals and therefore may enter air and water. Breathing high levels of arsenic may cause sore throat and irritated lungs. Ingesting high levels of arsenic can result in death. Arsenic is a suspected carcinogenic substance.

3.4.1 Findings

Low levels of arsenic may be contained within paints or coatings utilized on building construction materials, however exposure levels resulting from personal contact are not expected to be significant. Arsenic or arsenic containing compounds were not encountered during the building survey works.

3.4.2 Recommendations

No immediate corrective actions were recommended with regard to arsenic.

3.5 *Benzene*

Benzene is colourless liquid with a sweet odour. Benzene utilization has historically been associated with solvents, paints, stains, adhesives, and in the manufacturing of various rubber products. While its current use in building materials has greatly decreased due to an increased awareness of associated health concerns, it may still be present in trace quantities in various industrial solvents. Gasoline sold in Canada contains approximately 4% benzene.

Breathing very high levels of benzene can result in death, while high levels may cause drowsiness, dizziness, rapid heart rate, headaches, and unconsciousness.

3.5.1 Findings

While it may be expected, given the age of the building, that the original construction materials utilized did contain some trace levels of benzene, it is likely that any has since volatized and would not exceed the permissible exposure values. During future renovation or demolition works, it would not be expected to be a concern. No evidence of benzene was noted during the building survey, with the exception of potential benzene contained in regular gasoline fuel burning equipment.

3.5.2 Recommendations

No immediate corrective actions were recommended with regard to benzene.

3.6 *Coke Oven Emissions*

Coke oven emissions are released during the carbonization of bituminous coal for the production of coke. Exposure routes include inhalation, skin and / or eye contact. Coke oven emissions are potential occupational carcinogens.

3.6.1 Findings

This substance would not be expected to be found in the building. No evidence of the burning of coke was found during the building survey.

3.6.2 Recommendations

No immediate corrective actions were recommended with regard to coke oven emissions.

3.7 *Ethylene Oxides*

Ethylene oxide is a man-made chemical used primarily to make ethylene glycol (antifreeze and polyester). Breathing low levels of ethylene oxides for a prolonged period of time causes eye, skin and respiratory irritations, and can affect nervous system. Higher levels of exposure for shorter time produce symptoms that are similar but more severe.

3.7.1 Findings

This substance would not be expected to be found in the building. No evidence of ethylene oxides was found during the building survey.

3.7.2 Recommendations

No immediate corrective actions were recommended with regard to ethylene oxides.

3.8 *Isocyanates*

Isocyanates are a family of highly reactive, low molecular weight chemicals. They are widely used in the manufacture of flexible and rigid foams, fibres, and coatings such as paints and varnishes, and elastomers and various building materials (e.g. spray on polyurethane products).

Isocyanates are powerful irritants to the eyes, skin, and respiratory and gastrointestinal tracts.

3.8.1 Findings

Use of isocyanates or isocyanate compounds would not be expected in the building. No evidence of isocyanates was found during the building survey.

3.8.2 Recommendations

No immediate corrective actions were recommended with regard to isocyanates.

3.9 *Mercury*

Mercury is a naturally occurring metal. It is a shiny, silver-white and odourless liquid. It combines with other elements to form inorganic compounds or salts. Metallic mercury is used to produce chlorine gas and caustic soda, and is used in thermostats and thermometers, fluorescent light bulbs, dental fillings and batteries. Exposure occurs when breathing vapors from spills, incinerators, etc.

The nervous system is very sensitive to all forms of mercury. Exposure to high levels of metallic inorganic or organic mercury can permanently damage the brain, kidneys and developing fetus. Short-term exposure may cause lung damage, nausea, vomiting and diarrhea as well as skin and eye irritation.

3.9.1 Findings

Mercury can be found in fluorescent light bulbs and building thermostats. Prior to future renovation or demolition works, it would be recommended that these products be safely removed. The disposal of mercury containing items are regulated under the Environmental Protection Act, and it would be recommended that for disposal purposes any mercury containing thermostats and fluorescent light

bulbs be disposed of at an MOE licensed receiver. With the exception of fluorescent light bulbs and building thermostats, no other evidence of mercury was noted during the building survey.

3.9.2 Recommendations

No immediate corrective actions were recommended with regard to mercury.

3.10 *Silica*

Silica is a crystalline compound occurring abundantly as quartz, sand, and many other minerals, and used to manufacture a variety of materials, especially glass and concrete. When mining this substance, silica can be deadly when it becomes airborne. If inhaled, silica dust can cause silicosis which can be fatal.

Additionally, in 2004 the MOL issued *Guideline: Silica on Construction Projects* outlining practices that should be followed during construction projects to protect workers' from exposure to silica. This includes the methods and equipment employed in the removal of silica containing materials that reduce the creation of dust, providing appropriate facilities for workers to wash after each shift, and providing protective clothing and respirators where necessary.

3.10.1 Findings

As the building is constructed of concrete block and brick, with concrete floors, silica is expected to be found within these components of the building. During any significant renovation or demolition works where concrete dust is generated, dust suppression techniques should be utilized to control worker exposure to silica. Silica is expected to be present in concrete and masonry products in the building.

3.10.2 Recommendations

No immediate corrective actions were recommended with regard to silica.

3.11 *Vinyl Chloride*

Vinyl chloride is used to make polyvinyl chloride (PVC) which is found in a variety of plastic products, including pipes, wires, cable coatings and packaging materials. Breathing high levels of vinyl chloride can cause dizziness, unconsciousness and death. Prolonged exposure causes changes in liver, nerve damage, immune reactions and changes in blood flow.

3.11.1 Findings

PVC pipe is generally stable and does not allow for the liberation of vinyl chloride, under normal conditions. During future renovation or demolition works, this substance would not be expected to be a concern. Vinyl chloride was not evident in its pure form, anywhere in the subject dwellings.

3.11.2 Recommendations

No immediate corrective actions were recommended with regard to vinyl chloride.

3.12 *Polychlorinated Biphenyls (PCBs)*

PCBs are mixtures of synthetic organic chemicals with the same basic chemical structure and similar physical properties ranging from oily liquids to waxy solids. Due to their non-flammability, chemical stability, high boiling point and electrical insulating properties, PCBs were used in hundreds of industrial and commercial applications including electrical, heat transfer, and hydraulic equipment; as plasticizers in paints, plastics and rubber products; in pigments, dyes and carbonless copy paper and many other applications.

PCBs have been demonstrated to cause a variety of adverse health effects. PCBs have been shown to cause cancer.

3.12.1 Findings

No PCB containing equipment with the potential exception of fluorescent lighting ballasts was observed on site. The disposal of PCB containing equipment is regulated under MOE Reg. 558, and it would be recommended that during any ballast replacement works the generated ballasts be evaluated for PCB content, with any PCB ballasts being consolidated and sent for disposal to an MOE licensed PCB receiver under waste class 243D.

3.12.2 Recommendations

It would be recommended that during any ballast replacement works the generated ballasts be evaluated for PCB content. Any PCB ballasts identified should be consolidated and sent for disposal to an MOE licensed PCB receiver under waste class 243D.

3.13 *Mould*

Mould contamination inside buildings has become a concern to both building owners and occupants. Exposure to moulds is known to cause a variety of health effects in some people. Many fungal spores are considered to be allergenic to susceptible persons, though individual susceptibility varies greatly.

Elevated levels of indoor mould are usually attributed to the chronic moist conditions due to water leaks, floods or elevated humidity. Under these conditions, already low levels of fungal spores in air from plants and other sources may multiply on cellulose containing materials such as carpets, wallboards, and wood, and result in mould contamination and, if left untreated, can be destructive to certain building materials.

At present, no Federal or Provincial regulations are in effect with respect to reasonable levels of airborne mould spores and other contaminants inside buildings. Health Canada has provided strategies and guidelines related to some indoor contaminants to assist in conducting indoor air quality investigations in their publication *Indoor Air Quality in Office Buildings: A Technical Guide, 1995.* Health Canada recommends that indoor varieties of airborne mould spores should be qualitatively and quantitatively similar to those varieties found outdoors. The presence of one or more fungal species indoors that are not found outdoors suggests the presence of an amplifier in the building.

An additional resource that places numerical limits on acceptable indoor fungal spores is found in the Calgary Health Region's guidelines for *Fungal Air Testing, Investigation and Reporting* for remediated marihuana grow houses. These guidelines suggest that indoor fungal spores are acceptable if found to be elevated by as much as 2 or 3 times the outdoor measurement, depending on the type of mould spore. Refer to attached guidelines.

The Canadian Construction Association (CCA) has provided guidelines regarding investigation and remediation works in *CCA82 - 2004 Mould Guidelines for the Canadian Construction Industry* to protect the health and safety of workers who may be exposed to mould in the course of building renovations.

3.13.1 Findings

During the current investigation, no visible mould or favourable conditions for mould growth were observed in the surveyed areas.

3.13.2 Recommendations

No immediate corrective action is recommended with regard to mould contamination.

4. CORRECTIVE ACTIONS

No corrective actions for Designated Substances were recommended.

5. STATEMENT OF LIMITATIONS

Fisher Environmental Ltd. accepts responsibility for the competent performance of its duties in executing this assignment within the normal standards of the profession, but disclaims responsibility for consequential damages, if any.

The extent of the building survey of asbestos containing materials (ACM) and other designated substances is based on prior agreement of the scope of work with the client, and the rationale given in this report. The building survey findings rely on professional interpretation of selective sampling and analysis. Sample analysis results have been applied to homogenous materials in unsampled locations; it was not within the scope of work to carry out an exhaustive sampling and analysis program. For non-accessible building spaces, the likelihood of the presence or absence of asbestos and other designated substances has been described, but such assessment is not a definitive statement of presence or absence.

This report was prepared for the City of Toronto, Facilities Management. The scope of services performed may not be appropriate for the purposes of other users, and any use or reuse of this document or its findings or recommendations represented herein is at the sole risk of any other user.

We trust that the information provided in the report meets your current requirements. If you have any questions or concerns, please do not hesitate to contact the undersigned

6. SIGN-OFF

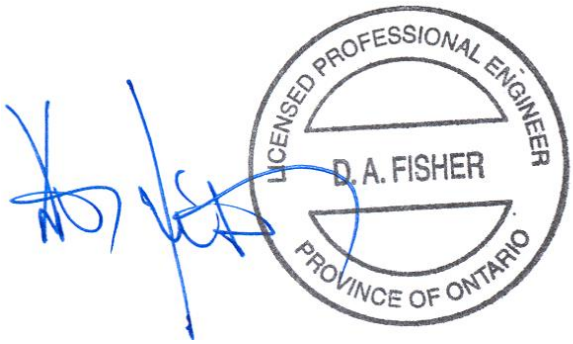
We trust that this report meets with City of Toronto requirements and we thank you for the opportunity to be of service. Should you have any questions, please do not hesitate to contact us.

Fisher Environmental Ltd.

Prepared By:

Iqbal Fattah, M.Sc.
Project Manager

Reviewed By:

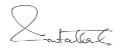


David Fisher, P. Eng., C. Chem.
Principal

APPENDIX I

REASSESSMENT SURVEY FORM

APPENDIX I - REASSESSMENT SURVEY FORM

Building Address:	400 Commissioners Street	Date(s) of Current Reassessment:	March 1, 2023
Building Name:	Commissioners Transfer Station	Organization Completing Reassessment:	Fisher Engineering Limited/ Project FE 23-12800
Original Survey Conducted By:	Resource Environmental Associates	Name of Surveyor:	Iqbal Fattah
Date(s) of Original Survey:	September 19, 2007	Signature of Surveyor:	

Summary of Findings
All hazardous materials were found in **GOOD** condition.

Location Number	Location Name	Building System	Material Observed	Potential Hazardous Material	Sample ID	Analytical Result	Quantity	Condition	Notes/Required Action
Transfer Building									
0-00	Exterior	Roof	Roofing Material	Asbestos	15-2960-115 to 117*	None Detected	N/A	N/A	Level I Roof *From Fisher Project No. 15-7457, dated Nov. 2015
0-00	Exterior	Roof	Roofing Material	Asbestos	15-2960-112 to 114*	None Detected	N/A	N/A	Level II Roof *From Fisher Project No. 15-7457, dated Nov. 2015
0-00	Exterior	Roof	Tar	Asbestos	15-2960-118 to 120*	5-25% Chrysotile	500 SF	Good	Level I Roof *From Fisher Project No. 15-7457, dated Nov. 2015
0-00	Exterior	Walls	Brick	N/A	N/A	N/A	N/A	N/A	
0-00	Exterior	Doors	Caulking	Asbestos	15-2960-70 to 72*	None Detected	N/A	N/A	Dark Brown *From Fisher Project No. 15-7457, dated Nov. 2015
0-00	Exterior	Windows	Putty	Asbestos	15-2960-88 to 90*	0.5-5% Chrysotile	1000 LF	Good	Light Grey *From Fisher Project No. 15-7457, dated Nov. 2015
1-01	Boiler Room	Floor	Concrete	N/A	N/A	N/A	N/A	N/A	
1-01	Boiler Room	Walls	Brick	N/A	N/A	N/A	N/A	N/A	
1-01	Boiler Room	Ceiling	Concrete	N/A	N/A	N/A	N/A	N/A	
1-02	Corridor	Floor	Ceramic Tile	N/A	N/A	N/A	N/A	N/A	
1-02	Corridor	Walls	Block	N/A	N/A	N/A	N/A	N/A	
1-02	Corridor	Ceiling	Ceiling Tile 2	Asbestos	Homogeneous w/ 15-2960-58 to 60	None Detected	N/A	N/A	2' X 4' Random fissure with pinholes
1-02	Corridor	Ceiling	Drywall (DJC)	Asbestos	Homogeneous w/ 15-2960-01 to 03	None Detected	N/A	N/A	
1-03	Men's Washroom	Floor	Ceramic Tile	N/A	N/A	N/A	N/A	N/A	
1-03	Men's Washroom	Walls	Block	N/A	N/A	N/A	N/A	N/A	
1-03	Men's Washroom	Walls	Drywall (DJC)	Asbestos	15-2960-01*	None Detected	N/A	N/A	*From Fisher Project No. 15-7457, dated Nov. 2015
1-03	Men's Washroom	Ceiling	Ceiling Tile 3	Asbestos	15-2960-55 to 57*	None Detected	N/A	N/A	2' X 2' White with textured finish *From Fisher Project No. 15-7457, dated Nov. 2015
1-03	Men's Washroom	Ceiling	Ceiling Tile 1	Asbestos	10-9528-1,2*	None Detected	N/A	N/A	2' X 4' Pinholes with textured finish *From Fisher Project No. 10-9528, dated, Jul. 2010
1-04	Women's Washroom	Floor	Ceramic Tile	N/A	N/A	N/A	N/A	N/A	
1-04	Women's Washroom	Walls	Ceramic Tile/Block	N/A	N/A	N/A	N/A	N/A	
1-04	Women's Washroom	Walls	Paint	Lead	15-1812-01*	<10 ppm	N/A	N/A	Off-White *From Fisher Project No. 15-7315, dated May 2015
1-04	Women's Washroom	Ceiling	Ceiling Tile 2	Asbestos	15-2960-60*	None Detected	N/A	N/A	2' X 4' Random fissure with pinholes *From Fisher Project No. 15-7457, dated Nov. 2015
1-05	Corridor	Floor	Ceramic Tile	N/A	N/A	N/A	N/A	N/A	
1-05	Corridor	Walls	Block	N/A	N/A	N/A	N/A	N/A	

Location Number	Location Name	Building System	Material Observed	Potential Hazardous Material	Sample ID	Analytical Result	Quantity	Condition	Notes/Required Action
1-05	Corridor	Walls	Drywall (DJC)	Asbestos	15-2960-02*	None Detected	N/A	N/A	*From Fisher Project No. 15-7457, dated Nov. 2015
1-05	Corridor	Walls	Paint	Lead	Homogeneous w/ 15-1812-01	<10 ppm	N/A	N/A	Off-White
1-05	Corridor	Ceiling	Drywall (DJC)	Asbestos	Homogeneous w/ 15-2960-01 to 03	None Detected	N/A	N/A	
1-06	Lunch Room	Floor	Vinyl Floor Tile 1	Asbestos	10-9528-3*	None Detected	N/A	N/A	12" X 12" Beige with white and brown spots *From Fisher Project No. 10-9528, dated, Jul. 2010
1-06	Lunch Room	Walls	Drywall (DJC)	Asbestos	Homogeneous w/ 15-2960-01 to 03	None Detected	N/A	N/A	
1-06	Lunch Room	Walls	Block	N/A	N/A	N/A	N/A	N/A	
1-06	Lunch Room	Ceiling	Ceiling Tile 1	Asbestos	Homogeneous w/ 15-2960-61 to 63 and 10-9628-1, 2	None Detected	N/A	N/A	2' X 4' Pinholes with textured finish
1-07	Office	Floor	Vinyl Floor Tile 1	Asbestos	15-2960-47*	None Detected	N/A	N/A	12" X 12" Beige with white and brown spots *From Fisher Project No. 15-7457, dated Nov. 2015
1-07	Office	Walls	Block	N/A	N/A	N/A	N/A	N/A	
1-07	Office	Walls	Drywall (DJC)	Asbestos	15-2960-03*	None Detected	N/A	N/A	*From Fisher Project No. 15-7457, dated Nov. 2015
1-07	Office	Ceiling	Ceiling Tile 1	Asbestos	Homogeneous w/ 15-2960-61 to 63 and 10-9628-1, 2	None Detected	N/A	N/A	2' X 4' Pinholes with textured finish
1-08	Service Bay	Floor	Concrete	N/A	N/A	N/A	N/A	N/A	
1-08	Service Bay	Walls	Block	N/A	N/A	N/A	N/A	N/A	
1-08	Service Bay	Ceiling	Concrete	N/A	N/A	N/A	N/A	N/A	
1-09	Compactors	Floor	Concrete	N/A	N/A	N/A	N/A	N/A	
1-09	Compactors	Walls	Block	N/A	N/A	N/A	N/A	N/A	
1-09	Compactors	Ceiling	Concrete	N/A	N/A	N/A	N/A	N/A	
1-10	Compactor Room	Floor	Concrete	N/A	N/A	N/A	N/A	N/A	
1-10	Compactor Room	Walls	Block	N/A	N/A	N/A	N/A	N/A	
1-10	Compactor Room	Ceiling	Concrete	N/A	N/A	N/A	N/A	N/A	
1-11	Haulage Bay	Floor	Concrete	N/A	N/A	N/A	N/A	N/A	
1-11	Haulage Bay	Walls	Block	N/A	N/A	N/A	N/A	N/A	
1-11	Haulage Bay	Ceiling	Concrete	N/A	N/A	N/A	N/A	N/A	
1-12	Maintenance	Floor	Concrete	N/A	N/A	N/A	N/A	N/A	
1-12	Maintenance	Walls	Block	N/A	N/A	N/A	N/A	N/A	
1-12	Maintenance	Ceiling	Concrete	N/A	N/A	N/A	N/A	N/A	
1-13	Electrical Room	Floor	Concrete	N/A	N/A	N/A	N/A	N/A	
1-13	Electrical Room	Walls	Brick/Block	N/A	N/A	N/A	N/A	N/A	
1-13	Electrical Room	Ceiling	Concrete	N/A	N/A	N/A	N/A	N/A	

Location Number	Location Name	Building System	Material Observed	Potential Hazardous Material	Sample ID	Analytical Result	Quantity	Condition	Notes/Required Action
1-14	Control Room	Floor	Ceramic Tile	N/A	N/A	N/A	N/A	N/A	
1-14	Control Room	Walls	Drywall (DJC)	Asbestos	Homogeneous w/ 15-2960-01 to 03	None Detected	N/A	N/A	
1-14	Control Room	Ceiling	Ceiling Tile 4	Asbestos	Homogeneous w/ 19-2438-04 to 06	None Detected	N/A	N/A	2' X 2' Small Pinholes
1-15	Corridor	Floor	Concrete	N/A	N/A	N/A	N/A	N/A	
1-15	Corridor	Walls	Brick/Block	N/A	N/A	N/A	N/A	N/A	
1-15	Corridor	Ceiling	Concrete	N/A	N/A	N/A	N/A	N/A	
1-16	Sprinkler Room	Floor	Concrete	N/A	N/A	N/A	N/A	N/A	
1-16	Sprinkler Room	Walls	Brick/Block	N/A	N/A	N/A	N/A	N/A	
1-16	Sprinkler Room	Ceiling	Concrete	N/A	N/A	N/A	N/A	N/A	
1-17	Compressor Room	Floor	Concrete	N/A	N/A	N/A	N/A	N/A	
1-17	Compressor Room	Walls	Paint	Lead	21-6880-1*	38 ppm	N/A	N/A	Cream *From Fisher Project No. 21-11263, dated Jul. 2021
1-17	Compressor Room	Ceiling	Concrete	N/A	N/A	N/A	N/A	N/A	
1-18	Storage	Floor	Concrete	N/A	N/A	N/A	N/A	N/A	
1-18	Storage	Walls	Brick	N/A	N/A	N/A	N/A	N/A	
1-18	Storage	Walls	Paint	Lead	15-1812-02*	144 ppm	N/A	N/A	White *From Fisher Project No. 15-7315, dated May 2015
1-18	Storage	Ceiling	Concrete	N/A	N/A	N/A	N/A	N/A	
1-18	Storage	Ceiling	Sprayed Fireproofing	Asbestos	15-2960-34 to 36*	None Detected	N/A	N/A	Light grey *From Fisher Project No. 15-7457, dated Nov. 2015
1-19	West Stairs	Floor	Concrete	N/A	N/A	N/A	N/A	N/A	
1-19	West Stairs	Walls	Brick/Block	N/A	N/A	N/A	N/A	N/A	
1-19	West Stairs	Ceiling	Concrete	N/A	N/A	N/A	N/A	N/A	
1-20	East Stairs	Floor	Concrete	N/A	N/A	N/A	N/A	N/A	
1-20	East Stairs	Walls	Paint	Lead	16-4336-01*	12 ppm	N/A	N/A	Beige *From Fisher Project No. 16-7715, dated Jul. 2016
1-20	East Stairs	Walls	Brick/Block	N/A	N/A	N/A	N/A	N/A	
1-20	East Stairs	Ceiling	Concrete	N/A	N/A	N/A	N/A	N/A	
2-01	Foreman's Office	Floor	Ceramic Tile	N/A	N/A	N/A	N/A	N/A	
2-01	Foreman's Office	Walls	Drywall (DJC)	Asbestos	Homogeneous w/ 15-2960-04 to 08	None Detected	N/A	N/A	
2-01	Foreman's Office	Ceiling	Ceiling Tile 1	Asbestos	Homogeneous w/ 15-2960-61 to 63 and 10-9628-1, 2	None Detected	N/A	N/A	2' X 4' Pinholes with textured finish
2-02	Washroom	Floor	Ceramic Tile	N/A	N/A	N/A	N/A	N/A	
2-02	Washroom	Walls	Block/Brick/Ceramic Tile	N/A	N/A	N/A	N/A	N/A	
2-02	Washroom	Ceiling	Drywall (DJC)	Asbestos	Homogeneous w/ 15-2960-04 to 08	None Detected	N/A	N/A	

Location Number	Location Name	Building System	Material Observed	Potential Hazardous Material	Sample ID	Analytical Result	Quantity	Condition	Notes/Required Action
2-03	Corridor	Floor	Vinyl Floor Tile 3	Asbestos	Homogeneous w/ 18-8705-1 to 3	None Detected	N/A	N/A	12" X 12" Beige with brown smears
2-03	Corridor	Walls	Brick/Block	N/A	N/A	N/A	N/A	N/A	
2-03	Corridor	Walls	Drywall (DJC)	Asbestos	15-2960-04*	None Detected	N/A	N/A	*From Fisher Project No. 15-7457, dated Nov. 2015
2-03	Corridor	Walls	Concrete	N/A	N/A	N/A	N/A	N/A	
2-03	Corridor	Ceiling	Ceiling Tile 2	Asbestos	Homogeneous w/ 15-2960-58 to 60	None Detected	N/A	N/A	2' X 4' Random fissure with pinholes
2-03	Corridor	Ceiling	Concrete	N/A	N/A	N/A	N/A	N/A	
2-04	Boardroom	Floor	Vinyl Floor Tile 1	Asbestos	15-2960-46*	None Detected	N/A	N/A	12" X 12" Beige with white and brown spots *From Fisher Project No. 15-7457, dated Nov. 2015
2-04	Boardroom	Floor	Vinyl Floor Tile 3	Asbestos	18-8705-1 to 3*	None Detected	N/A	N/A	12" X 12" Beige with brown smears *From Fisher Project No. 18-8787, dated Aug. 2018 NOT OBSERVED
2-04	Boardroom	Floor	Vinyl Floor Tile 4	Asbestos	15-2960-43 to 45*	0.5-5% Chrysotile	N/A	N/A	12" X 12" Off-white with brown spots *From Fisher Project No. 15-7457, dated Nov. 2015 NOT OBSERVED Abated Fisher Project No. 17-8101
2-04	Boardroom	Walls	Block	N/A	N/A	N/A	N/A	N/A	
2-04	Boardroom	Walls	Drywall (DJC)	Asbestos	15-2960-08*	None Detected	N/A	N/A	*From Fisher Project No. 15-7457, dated Nov. 2015
2-04	Boardroom	Ceiling	Ceiling Tile 2	Asbestos	15-2960-59*	None Detected	N/A	N/A	2' X 4' Random fissure with pinholes *From Fisher Project No. 15-7457, dated Nov. 2015
2-05	Corridor	Floor	Ceramic Tile	N/A	N/A	N/A	N/A	N/A	
2-05	Corridor	Walls	Block	N/A	N/A	N/A	N/A	N/A	
2-05	Corridor	Ceiling	Concrete	N/A	N/A	N/A	N/A	N/A	
2-06	Women's Locker Room	Floor	Ceramic Tile	N/A	N/A	N/A	N/A	N/A	
2-06	Women's Locker Room	Walls	Drywall (DJC)	Asbestos	Homogeneous w/ 15-2960-04 to 08	None Detected	N/A	N/A	
2-06	Women's Locker Room	Walls	Ceramic Tile/Block	N/A	N/A	N/A	N/A	N/A	
2-06	Women's Locker Room	Ceiling	Ceiling Tile 1	Asbestos	15-2960-62*	None Detected	N/A	N/A	2' X 4' Pinholes with textured finish *From Fisher Project No. 15-7457, dated Nov. 2015
2-06	Women's Locker Room	Ceiling	Concrete	N/A	N/A	N/A	N/A	N/A	
2-07	Janitor Room	Floor	Concrete	N/A	N/A	N/A	N/A	N/A	
2-07	Janitor Room	Walls	Block	N/A	N/A	N/A	N/A	N/A	
2-07	Janitor Room	Walls	Drywall (DJC)	Asbestos	Homogeneous w/ 15-2960-04 to 08	None Detected	N/A	N/A	
2-07	Janitor Room	Ceiling	Drywall (DJC)	Asbestos	Homogeneous w/ 15-2960-04 to 08	None Detected	N/A	N/A	
2-08	Lunch Room	Floor	Vinyl Floor Tile 1	Asbestos	Homogeneous w/ 15-2960-46 to 48	None Detected	N/A	N/A	12" X 12" Beige with white and brown spots
2-08	Lunch Room	Walls	Drywall (DJC)	Asbestos	15-2960-05*	None Detected	N/A	N/A	*From Fisher Project No. 15-7457, dated Nov. 2015
2-08	Lunch Room	Ceiling	Ceiling Tile 1	Asbestos	Homogeneous w/ 15-2960-61 to 63 and 10-9628-1, 2	None Detected	N/A	N/A	2' X 4' Pinholes with textured finish
2-08	Lunch Room	Ceiling	Ceiling Tile 7	Asbestos	Not Sampled	ACM Assumed	40 SF	Good	2' X 4' Pinprick with Small Scattered Fissures
2-09	Men's Locker Room	Floor	Ceramic Tile	N/A	N/A	N/A	N/A	N/A	

Location Number	Location Name	Building System	Material Observed	Potential Hazardous Material	Sample ID	Analytical Result	Quantity	Condition	Notes/Required Action
2-09	Men's Locker Room	Walls	Ceramic Tile/Block	N/A	N/A	N/A	N/A	N/A	
2-09	Men's Locker Room	Ceiling	Ceiling Tile 1	Asbestos	Homogeneous w/ 15-2960-61 to 63 and 10-9628-1, 2	None Detected	N/A	N/A	2' X 4' Pinholes with textured finish
2-09	Men's Locker Room	Ceiling	Ceiling Tile 7	Asbestos	Not Sampled	ACM Assumed	40 SF	Good	2' X 4' Pinprick with Small Scattered Fissures
2-10	North Corridor	Floor	Concrete	N/A	N/A	N/A	N/A	N/A	
2-10	North Corridor	Walls	Concrete	N/A	N/A	N/A	N/A	N/A	
2-10	North Corridor	Walls	Drywall (DJC)	Asbestos	Homogeneous w/ 15-2960-04 to 08	None Detected	N/A	N/A	
2-10	North Corridor	Ceiling	Drywall (DJC)	Asbestos	15-2960-06, 07*	None Detected	N/A	N/A	*From Fisher Project No. 15-7457, dated Nov. 2015
2-10	North Corridor	Ceiling	Concrete	N/A	N/A	N/A	N/A	N/A	
2-10	North Corridor	Ceiling	Sprayed Fireproofing	Asbestos	15-2960-18 to 20*	None Detected	N/A	N/A	Brown *From Fisher Project No. 15-7457, dated Nov. 2015
2-11	Mechanical	Floor	Concrete	N/A	N/A	N/A	N/A	N/A	
2-11	Mechanical	Walls	Concrete	N/A	N/A	N/A	N/A	N/A	
2-11	Mechanical	Ceiling	Concrete	N/A	N/A	N/A	N/A	N/A	
2-12	Storage	Floor	Concrete	N/A	N/A	N/A	N/A	N/A	
2-12	Storage	Walls	Drywall (DJC)	Asbestos	Homogeneous w/ 15-2960-04 to 08	None Detected	N/A	N/A	
2-12	Storage	Walls	Block	N/A	N/A	N/A	N/A	N/A	
2-12	Storage	Ceiling	Sprayed Fireproofing	Asbestos	15-1812-04 to 06* 15-2960-21**	None Detected	N/A	N/A	Brown *From Fisher Project No. 15-7315, dated May 2015
2-12	Storage	Ceiling	Concrete	N/A	N/A	N/A	N/A	N/A	
2-13	Site Supervisor Office	Floor	Vinyl Floor Tile 2	Asbestos	15-2960-37 to 39*	None Detected	N/A	N/A	12" X 12" Grey with white spots *From Fisher Project No. 15-7457, dated Nov. 2015
2-13	Site Supervisor Office	Walls	Block	N/A	N/A	N/A	N/A	N/A	
2-13	Site Supervisor Office	Walls	Brick	N/A	N/A	N/A	N/A	N/A	
2-13	Site Supervisor Office	Ceiling	Concrete	N/A	N/A	N/A	N/A	N/A	
2-13	Site Supervisor Office	Ceiling	Sprayed Fireproofing	Asbestos	Homogeneous w/ 15-2960-34 to 36	None Detected	N/A	N/A	Light Grey
2-14	Men's Washroom	Floor	Ceramic Tile	N/A	N/A	N/A	N/A	N/A	
2-14	Men's Washroom	Walls	Ceramic Tile/Block	N/A	N/A	N/A	N/A	N/A	
2-14	Men's Washroom	Walls	Drywall (DJC)	Asbestos	Homogeneous w/ 15-2960-04 to 08	None Detected	N/A	N/A	
2-14	Men's Washroom	Ceiling	Ceiling Tile 1	Asbestos	Homogeneous w/ 15-2960-61 to 63 and 10-9628-1, 2	None Detected	N/A	N/A	2' X 4' Pinholes with textured finish
2-14	Men's Washroom	Ceiling	Ceiling Tile 7	Asbestos	Not Sampled	ACM Assumed	20 SF	Good	2' X 4' Pinprick with Small Scattered Fissures
2-14	Men's Washroom	Windows	Caulking	Asbestos	15-2960-82 to 84*	None Detected	N/A	N/A	Grey *From Fisher Project No. 15-7457, dated Nov. 2015
2-15	Corridor	Floor	Concrete/Ceramic Tile	N/A	N/A	N/A	N/A	N/A	

Location Number	Location Name	Building System	Material Observed	Potential Hazardous Material	Sample ID	Analytical Result	Quantity	Condition	Notes/Required Action
2-15	Corridor	Walls	Block/Concrete	N/A	N/A	N/A	N/A	N/A	
2-15	Corridor	Walls	Drywall (DJC)	Asbestos	Homogeneous w/ 15-2960-04 to 08	None Detected	N/A	N/A	
2-15	Corridor	Ceiling	Drywall (DJC)	Asbestos	19-2438-01 to 03*	None Detected	N/A	N/A	*From Fisher Project No. 19-9400, dated May 2019
2-16	Laundry Room	Floor	Ceramic Tile	N/A	N/A	N/A	N/A	N/A	
2-16	Laundry Room	Walls	Drywall (DJC)	Asbestos	Homogeneous w/ 15-2960-04 to 08	None Detected	N/A	N/A	
2-16	Laundry Room	Walls	Concrete	N/A	N/A	N/A	N/A	N/A	
2-16	Laundry Room	Ceiling	Ceiling Tile 1	Asbestos	15-2960-63*	None Detected	N/A	N/A	2' X 4' Pinholes with textured finish *From Fisher Project No. 15-7457, dated Nov. 2015 NOT OBSERVED
2-16	Laundry Room	Ceiling	Ceiling Tile 6	Asbestos	Not Sampled	ACM Assumed	350 SF	Good	2' x 2' Pinholes with Small Fissures
2-17	Corridor	Floor	Concrete	N/A	N/A	N/A	N/A	N/A	
2-17	Corridor	Walls	Concrete	N/A	N/A	N/A	N/A	N/A	
2-17	Corridor	Ceiling	Concrete	N/A	N/A	N/A	N/A	N/A	
2-18	Women's Washroom	Floor	Ceramic Tile	N/A	N/A	N/A	N/A	N/A	
2-18	Women's Washroom	Walls	Ceramic Tile/Block	N/A	N/A	N/A	N/A	N/A	
2-18	Women's Washroom	Walls	Drywall (DJC)	Asbestos	Homogeneous w/ 15-2960-04 to 08	None Detected	N/A	N/A	
2-18	Women's Washroom	Ceiling	Ceiling Tile 4	Asbestos	19-2438-04 to 06*	None Detected	N/A	N/A	2' X 2' Small Pinholes *From Fisher Project No. 19-9400, dated May 2019
2-19	Storage	Floor	Ceramic Tile	N/A	N/A	N/A	N/A	N/A	
2-19	Storage	Walls	Concrete	N/A	N/A	N/A	N/A	N/A	
2-19	Storage	Ceiling	Concrete	N/A	N/A	N/A	N/A	N/A	
2-19	Storage	Ceiling	Mastic	Asbestos	19-2438-07 to 09*	None Detected	N/A	N/A	Brown *From Fisher Project No. 19-9400, dated May 2019
2-20	Tipping Floor	Floor	Concrete	N/A	N/A	N/A	N/A	N/A	
2-20	Tipping Floor	Walls	Brick/Concrete	N/A	N/A	N/A	N/A	N/A	
2-20	Tipping Floor	Ceiling	Concrete	N/A	N/A	N/A	N/A	N/A	
3-01	Office	Floor	Vinyl Floor Tile 1	Asbestos	Homogeneous w/ 15-2960-46 to 48	None Detected	N/A	N/A	12" X 12" Beige with white and brown spots
3-01	Office	Walls	Drywall (DJC)	Asbestos	15-2960-09, 10*	None Detected	N/A	N/A	*From Fisher Project No. 15-7457, dated Nov. 2015
3-01	Office	Walls	Paint	Lead	2014-L0001*	0.063%	N/A	N/A	White *From Pinchin Project No. 91828.004, dated Jul.
3-01	Office	Ceiling	Ceiling Tile 1	Asbestos	15-2960-61*	None Detected	N/A	N/A	2' X 4' Pinholes with textured finish *From Fisher Project No. 15-7457, dated Nov. 2015 NOT OBSERVED
3-01	Office	Ceiling	Ceiling Tile 2	Asbestos	Homogeneous w/ 15-2960-58 to 60	None Detected	N/A	N/A	2' X 4' Random fissure with pinholes
3-02	Storage	Floor	Concrete	N/A	N/A	N/A	N/A	N/A	
3-02	Storage	Walls	Concrete	N/A	N/A	N/A	N/A	N/A	

Location Number	Location Name	Building System	Material Observed	Potential Hazardous Material	Sample ID	Analytical Result	Quantity	Condition	Notes/Required Action
3-02	Storage	Walls	Paint	Lead	15-1812-03*	3,937 ppm	200 SF	Good	Yellow *From Fisher Project No. 15-7315, dated May 2015
3-02	Storage	Ceiling	Concrete	N/A	N/A	N/A	N/A	N/A	
3-03	West Corridor	Floor	Concrete	N/A	N/A	N/A	N/A	N/A	
3-03	West Corridor	Walls	Concrete	N/A	N/A	N/A	N/A	N/A	
3-03	West Corridor	Ceiling	Concrete	N/A	N/A	N/A	N/A	N/A	
3-04	Control Room	Floor	Concrete	N/A	N/A	N/A	N/A	N/A	
3-04	Control Room	Floor	Vinyl Floor Tile 1	Asbestos	15-2960-48*	None Detected	N/A	N/A	12" X 12" Beige with white and brown spots *From Fisher Project No. 15-7457, dated Nov. 2015 NOT OBSERVED
3-04	Control Room	Walls	Concrete	N/A	N/A	N/A	N/A	N/A	
3-04	Control Room	Walls	Drywall (DJC)	Asbestos	15-2960-11*	None Detected	N/A	N/A	*From Fisher Project No. 15-7457, dated Nov. 2015
3-04	Control Room	Ceiling	Ceiling Tile 1	Asbestos	Homogeneous w/ 15-2960-61 to 63 and 10-9628-1, 2	None Detected	N/A	N/A	2' X 4' Pinholes with textured finish
3-05	Washroom	Floor	Ceramic Tile	N/A	N/A	N/A	N/A	N/A	
3-05	Washroom	Walls	Ceramic Tile/Block	N/A	N/A	N/A	N/A	N/A	
3-05	Washroom	Ceiling	Ceiling Tile 2	Asbestos	Homogeneous w/ 15-2960-58 to 60	None Detected	N/A	N/A	2' X 4' Random fissure with pinholes
3-06	Fan Room	Floor	Concrete	N/A	N/A	N/A	N/A	N/A	
3-06	Fan Room	Walls	Brick	N/A	N/A	N/A	N/A	N/A	
3-06	Fan Room	Ceiling	Concrete	N/A	N/A	N/A	N/A	N/A	
3-06	Fan Room	Windows	Caulking	Asbestos	15-2960-85 to 87*	0.5-5% Chrysotile	600 LF	Good	Off-White *From Fisher Project No. 15-7457, dated Nov. 2015
3-07	East Corridor	Floor	Concrete	N/A	N/A	N/A	N/A	N/A	
3-07	East Corridor	Walls	Brick	N/A	N/A	N/A	N/A	N/A	
3-07	East Corridor	Ceiling	Concrete	N/A	N/A	N/A	N/A	N/A	
3-08	Storage	Floor	Concrete	N/A	N/A	N/A	N/A	N/A	
3-08	Storage	Walls	Brick	N/A	N/A	N/A	N/A	N/A	
3-08	Storage	Ceiling	Concrete	N/A	N/A	N/A	N/A	N/A	
3-09	Storage	Floor	Concrete	N/A	N/A	N/A	N/A	N/A	
3-09	Storage	Walls	Brick	N/A	N/A	N/A	N/A	N/A	
3-09	Storage	Ceiling	Concrete	N/A	N/A	N/A	N/A	N/A	
MRF Building									
4-00	Exterior	Roof	Roofing Material	Asbestos	15-2960-121 to 123*	None Detected	N/A	N/A	*From Fisher Project No. 15-7457, dated Nov. 2015
4-00	Exterior	Walls	Block	N/A	N/A	N/A	N/A	N/A	

Location Number	Location Name	Building System	Material Observed	Potential Hazardous Material	Sample ID	Analytical Result	Quantity	Condition	Notes/Required Action
4-00	Exterior	Windows	Caulking	Asbestos	Not Sampled	ACM Assumed	N/A	N/A	
4-00	Exterior	Doors	Caulking	Asbestos	15-2960-79 to 81*	None Detected	N/A	N/A	Brown and Grey Caulking *From Fisher Project No. 15-7457, dated Nov. 2015
4-01	Loading Dock	Floor	Concrete	N/A	N/A	N/A	N/A	N/A	
4-01	Loading Dock	Walls	Brick	N/A	N/A	N/A	N/A	N/A	
4-01	Loading Dock	Walls	Caulking	Asbestos	21-6881-1 to 3*	0.5-5% Chrysotile	10 LF	Good	Grey, Between brick wall and metal frame at the entrance door
4-01	Loading Dock	Walls	Mortar	Asbestos	21-6881-4 to 6*	None Detected	N/A	N/A	*From Fisher Project No. 21-11353, dated Jul. 2021
4-01	Loading Dock	Ceiling	Not Found	N/A	N/A	N/A	N/A	N/A	Open to metal above
4-01	Loading Dock	Bollard	Paint	Lead	21-6881-11*	6558 ppm	All	Good	Yellow, Bollard at the entrance to the loading dock *From Fisher Project No. 21-11353, dated Jul. 2021
4-02	Storage	Floor	Concrete	N/A	N/A	N/A	N/A	N/A	
4-02	Storage	Walls	Concrete	N/A	N/A	N/A	N/A	N/A	
4-02	Storage	Ceiling	Paint	Lead	21-6881-10*	1059 ppm	N/A	N/A	Beige, Paint removed and/or repainted during renovation in 2021
4-02	Storage	Ceiling	Not Found	N/A	N/A	N/A	N/A	N/A	Open to metal above
4-03	Stairs	Floor	Concrete	N/A	N/A	N/A	N/A	N/A	**NO ACCESS**
4-03	Stairs	Walls	Concrete	N/A	N/A	N/A	N/A	N/A	
4-03	Stairs	Ceiling	Not Found	N/A	N/A	N/A	N/A	N/A	Open to metal above
4-04	Washroom	Floor	Terrazzo	N/A	N/A	N/A	N/A	N/A	**NO ACCESS**
4-04	Washroom	Walls	Block	N/A	N/A	N/A	N/A	N/A	
4-04	Washroom	Ceiling	Transite Ceiling Tiles	Asbestos	A6*	5-20% Chrysotile 0.5-5% Amosite	80 SF	Good	*From REA Project No. 13203.1, dated Feb. 2008
4-04	Washroom	Ceiling	Paint	Lead	2014-L0002*	620 ppm	N/A	N/A	Beige *From Pinchin Project No. 91828.004, dated Jul.
4-05	Control Room	Floor	Ceramic Tile	N/A	N/A	N/A	N/A	N/A	
4-05	Control Room	Walls	Block	N/A	N/A	N/A	N/A	N/A	
4-05	Control Room	Windows	Putty	Asbestos	21-6881-7 to 9*	None Detected	N/A	N/A	Black, between wall and metal window frame *From Fisher Project No. 21-11353, dated Jul. 2021
4-05	Control Room	Ceiling	Ceiling Tile 5	N/A	N/A	N/A	N/A	N/A	2' x 2' Fibreglass - Textured
4-05	Control Room	Ceiling	Drywall (DJC)	Asbestos	15-2960-12,13*	None Detected	N/A	N/A	*From Fisher Project No. 15-7457, dated Nov. 2015
4-06	Washroom	Floor	Concrete	N/A	N/A	N/A	N/A	N/A	Room no longer exists
4-06	Washroom	Walls	Block	N/A	N/A	N/A	N/A	N/A	
4-06	Washroom	Ceiling	Drywall (DJC)	Asbestos	15-2960-14*	None Detected	N/A	N/A	*From Fisher Project No. 15-7457, dated Nov. 2015
4-07	Hopper Area	Floor	Concrete	N/A	N/A	N/A	N/A	N/A	
4-07	Hopper Area	Walls	Block	N/A	N/A	N/A	N/A	N/A	
4-07	Hopper Area	Walls	Paint	Lead	10-9560-2*	698 ppm	N/A	N/A	Tan *From Fisher Project No. 10-4928, dated Jul. 2010

Location Number	Location Name	Building System	Material Observed	Potential Hazardous Material	Sample ID	Analytical Result	Quantity	Condition	Notes/Required Action
4-07	Hopper Area	Ceiling	Concrete	N/A	N/A	N/A	N/A	N/A	
4-08	Receiving	Floor	Concrete	N/A	N/A	N/A	N/A	N/A	
4-08	Receiving	Walls	Brick/Metal	N/A	N/A	N/A	N/A	N/A	
4-08	Receiving	Ceiling	Not Found	N/A	N/A	N/A	N/A	N/A	Open to metal above
4-09	Conveyor	Floor	Concrete	N/A	N/A	N/A	N/A	N/A	
4-09	Conveyor	Walls	Brick/Metal	N/A	N/A	N/A	N/A	N/A	
4-09	Conveyor	Ceiling	Not Found	N/A	N/A	N/A	N/A	N/A	Open to metal above
4-10	Pump Room/Sprinkler Room	Floor	Concrete	N/A	N/A	N/A	N/A	N/A	
4-10	Pump Room/Sprinkler Room	Walls	Wood	N/A	N/A	N/A	N/A	N/A	
4-10	Pump Room/Sprinkler Room	Ceiling	Wood	N/A	N/A	N/A	N/A	N/A	
4-11	Sorting Area	Floor	Concrete	N/A	N/A	N/A	N/A	N/A	
4-11	Sorting Area	Walls	Block	N/A	N/A	N/A	N/A	N/A	
4-11	Sorting Area	Ceiling	Not Found	N/A	N/A	N/A	N/A	N/A	Open to metal above
Scale House									
5-00	Exterior	Roof	Roofing Material	Asbestos	15-2960-106 to 108*	None Detected	N/A	N/A	*From Fisher Project No. 15-7457, dated Nov. 2015
5-00	Exterior	Roof	Tar	Asbestos	15-2960-109 to 111*	None Detected	N/A	N/A	*From Fisher Project No. 15-7457, dated Nov. 2015
5-00	Exterior	Windows	Caulking	Asbestos	15-2960-100 to 102*	None Detected	N/A	N/A	Brown with soft texture *From Fisher Project No. 15-7457, dated Nov. 2015
5-00	Exterior	Windows	Putty	Asbestos	15-2960-64 to 66*	None Detected	N/A	N/A	Black *From Fisher Project No. 15-7457, dated Nov. 2015
5-00	Exterior	Walls	Block	N/A	N/A	N/A	N/A	N/A	
5-01	Office Area	Floor	Ceramic Tile	N/A	N/A	N/A	N/A	N/A	
5-01	Office Area	Walls	Drywall (DJC)	Asbestos	15-2960-15,16*	None Detected	N/A	N/A	*From Fisher Project No. 15-7457, dated Nov. 2015
5-01	Office Area	Ceiling	Ceiling Tile 2	Asbestos	15-2960-58*	None Detected	N/A	N/A	2' X 4' Random fissure with pinholes *From Fisher Project No. 15-7457, dated Nov. 2015
5-02	Electrical Room	Floor	Ceramic Tile	N/A	N/A	N/A	N/A	N/A	
5-02	Electrical Room	Walls	Drywall (DJC)	Asbestos	15-2960-17*	None Detected	N/A	N/A	*From Fisher Project No. 15-7457, dated Nov. 2015
5-02	Electrical Room	Ceiling	Ceiling Tile 2	Asbestos	Homogeneous w/ 15-2960-58 to 60	None Detected	N/A	N/A	2' X 4' Random fissure with pinholes
5-03	Staff Washroom	Floor	Ceramic Tile	N/A	N/A	N/A	N/A	N/A	
5-03	Staff Washroom	Walls	Ceramic Tile	N/A	N/A	N/A	N/A	N/A	
5-03	Staff Washroom	Ceiling	Ceiling Tile 2	Asbestos	Homogeneous w/ 15-2960-58 to 60	None Detected	N/A	N/A	2' X 4' Random fissure with pinholes
5-04	Public Washroom	Floor	Ceramic Tile	N/A	N/A	N/A	N/A	N/A	
5-04	Public Washroom	Walls	Ceramic Tile	N/A	N/A	N/A	N/A	N/A	

Location Number	Location Name	Building System	Material Observed	Potential Hazardous Material	Sample ID	Analytical Result	Quantity	Condition	Notes/Required Action
5-04	Public Washroom	Ceiling	Ceiling Tile 2	Asbestos	Homogeneous w/ 15-2960-58 to 60	None Detected	N/A	N/A	2' X 4' Random fissure with pinholes
5-04	Public Washroom	Doors	Caulking	Asbestos	15-2960-73 to 75*	None Detected	N/A	N/A	White *From Fisher Project No. 15-7457, dated Nov. 2015
Hazardous Waste House									
6-00	Exterior	Roof	Roofing Material	Asbestos	Not Sampled	ACM Assumed	400 SF	Good	
6-00	Exterior	Walls	Brick	N/A	N/A	N/A	N/A	N/A	
6-00	Exterior	Windows	Caulking	Asbestos	Not Sampled	ACM Assumed	60 LF	Good	
6-01	Office Area	Floor	Ceramic Tile	N/A	N/A	N/A	N/A	N/A	
6-01	Office Area	Walls	Drywall (DJC)	Asbestos	18-8705-5*	None Detected	N/A	N/A	*From Fisher Project No. 18-8787, dated Aug. 2018
6-01	Office Area	Ceiling	Drywall (DJC)	Asbestos	Homogeneous w/ 18-8705-4 to 6	None Detected	N/A	N/A	
6-02	Washroom	Floor	Ceramic Tile	N/A	N/A	N/A	N/A	N/A	
6-02	Washroom	Walls	Drywall (DJC)	Asbestos	18-8705-4*	None Detected	N/A	N/A	*From Fisher Project No. 18-8787, dated Aug. 2018
6-02	Washroom	Ceiling	Drywall (DJC)	Asbestos	Homogeneous w/ 18-8705-4 to 6	None Detected	N/A	N/A	
6-03	Water Heater Room	Floor	Ceramic Tile	N/A	N/A	N/A	N/A	N/A	
6-03	Water Heater Room	Walls	Drywall (DJC)	Asbestos	18-8705-6*	None Detected	N/A	N/A	*From Fisher Project No. 18-8787, dated Aug. 2018
6-03	Water Heater Room	Ceiling	Drywall (DJC)	Asbestos	Homogeneous w/ 18-8705-4 to 6	None Detected	N/A	N/A	
6-04	Storage	Floor	Ceramic Tile	N/A	N/A	N/A	N/A	N/A	
6-04	Storage	Walls	Drywall (DJC)	Asbestos	Homogeneous w/ 18-8705-4 to 6	None Detected	N/A	N/A	
6-04	Storage	Ceiling	Drywall (DJC)	Asbestos	Homogeneous w/ 18-8705-4 to 6	None Detected	N/A	N/A	
Chemical Storage									
7-00	Exterior	Roof	Metal	N/A	N/A	N/A	N/A	N/A	
7-00	Exterior	Walls	Metal	N/A	N/A	N/A	N/A	N/A	
7-00	Exterior	Windows	Caulking	Asbestos	Not Sampled	ACM Assumed	60 LF	Good	
7-01	Storage Room	Floor	Concrete	N/A	N/A	N/A	N/A	N/A	
7-01	Storage Room	Walls	Metal	N/A	N/A	N/A	N/A	N/A	
7-01	Storage Room	Ceiling	Metal	N/A	N/A	N/A	N/A	N/A	
Surveyor's Field Notes									

APPENDIX II

RESULTS OF BULK SAMPLE ANALYSIS

(NO INFORMATION TO REPORT)

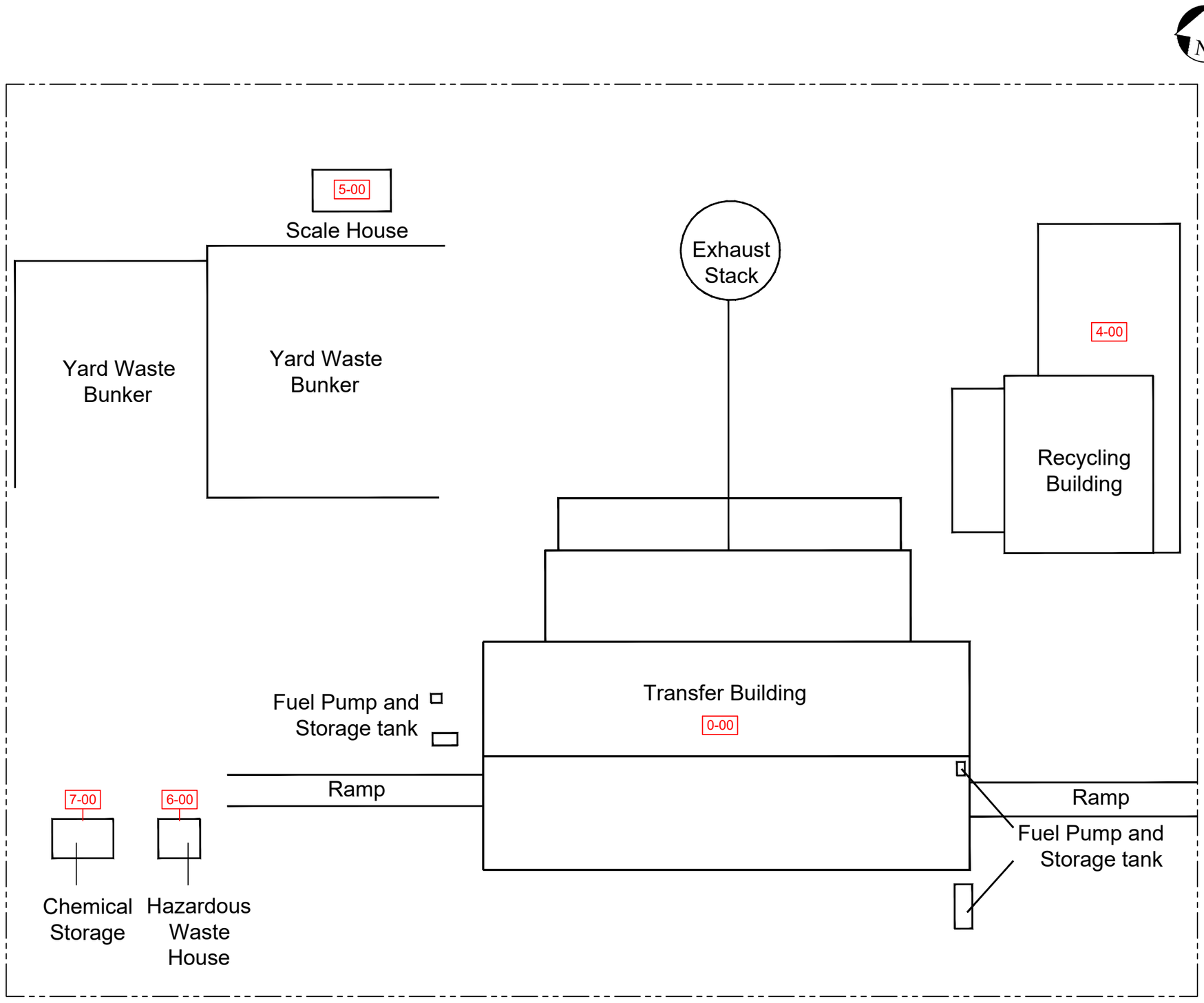
APPENDIX III

CORRECTIVE ACTIONS INSPECTION REPORT

(NO INFORMATION TO REPORT)

APPENDIX IV

SURVEY DRAWINGS



Legend

	Asbestos-Containing Material
1-01	Location Number
NAR	No Access to Room

The drawing does not illustrate locations of drywall joint compound, plaster, window caulking or roofing materials, for reasons discussed in Section 6 of the Standard Operating Procedure for Designated Substance Surveys. Please refer to the Designated Substance Survey Form in Appendix I for information regarding the locations and asbestos or lead-content of these materials.

Figure 1

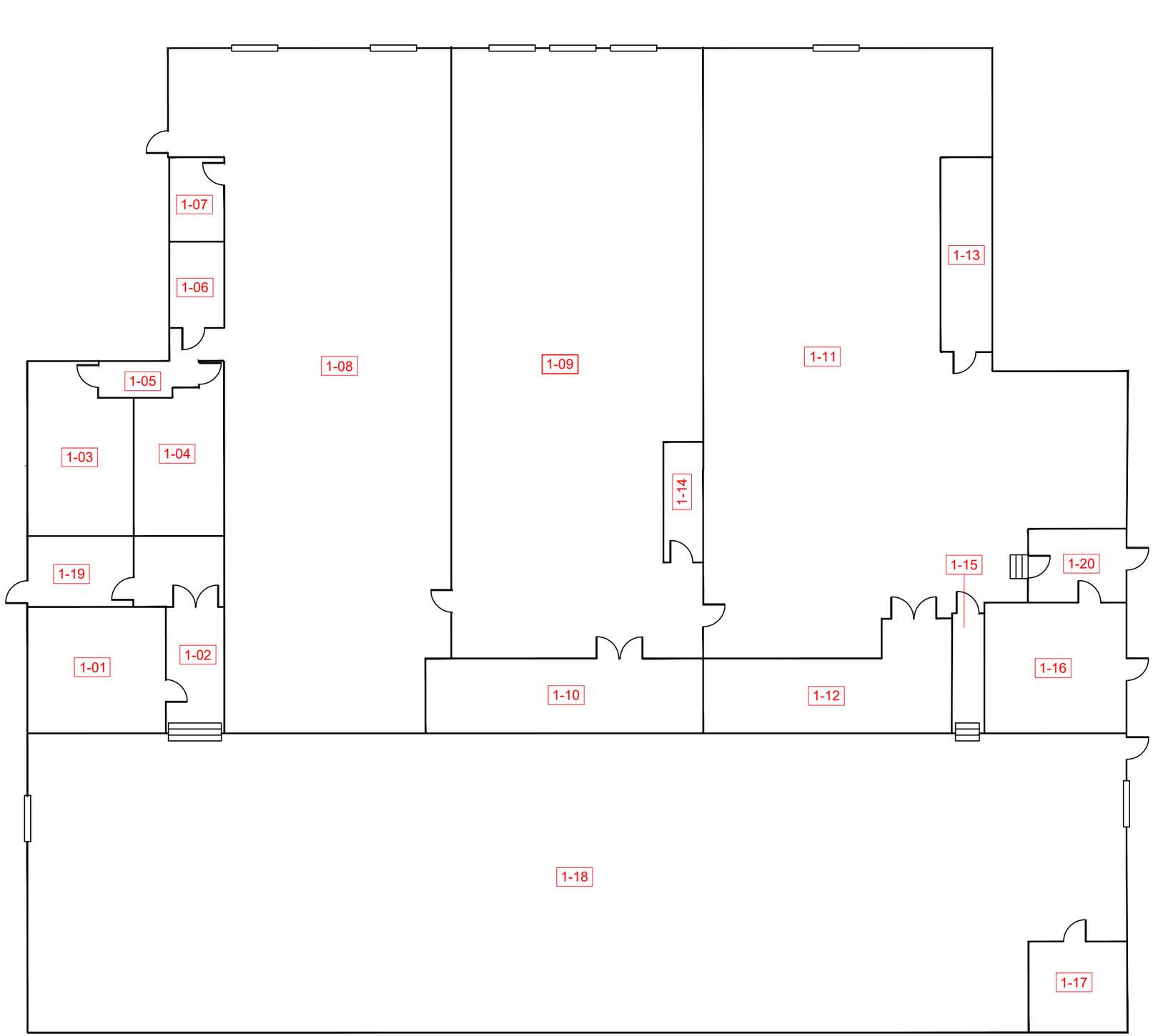
LOCATION:
400 Commissioners Street
Toronto, Ontario

BUILDING NAME:
Commissioners Transfer Station

Property Site Plan

CLIENT:	City of Toronto		
PROJECT NUMBER: FE-P 23-12800	DATE: April 2023	DRW BY: DC	
CAD FILE: FIG1	SCALE: Not to Scale	CHK BY: IF	

TORONTO



Legend

	Asbestos-Containing Material
1-01	Location Number
NAR	No Access to Room

The drawing does not illustrate locations of drywall joint compound, plaster, window caulking or roofing materials, for reasons discussed in Section 6 of the Standard Operating Procedure for Designated Substance Surveys. Please refer to the Designated Substance Survey Form in Appendix I for information regarding the locations and asbestos or lead-content of these materials.

Figure 2

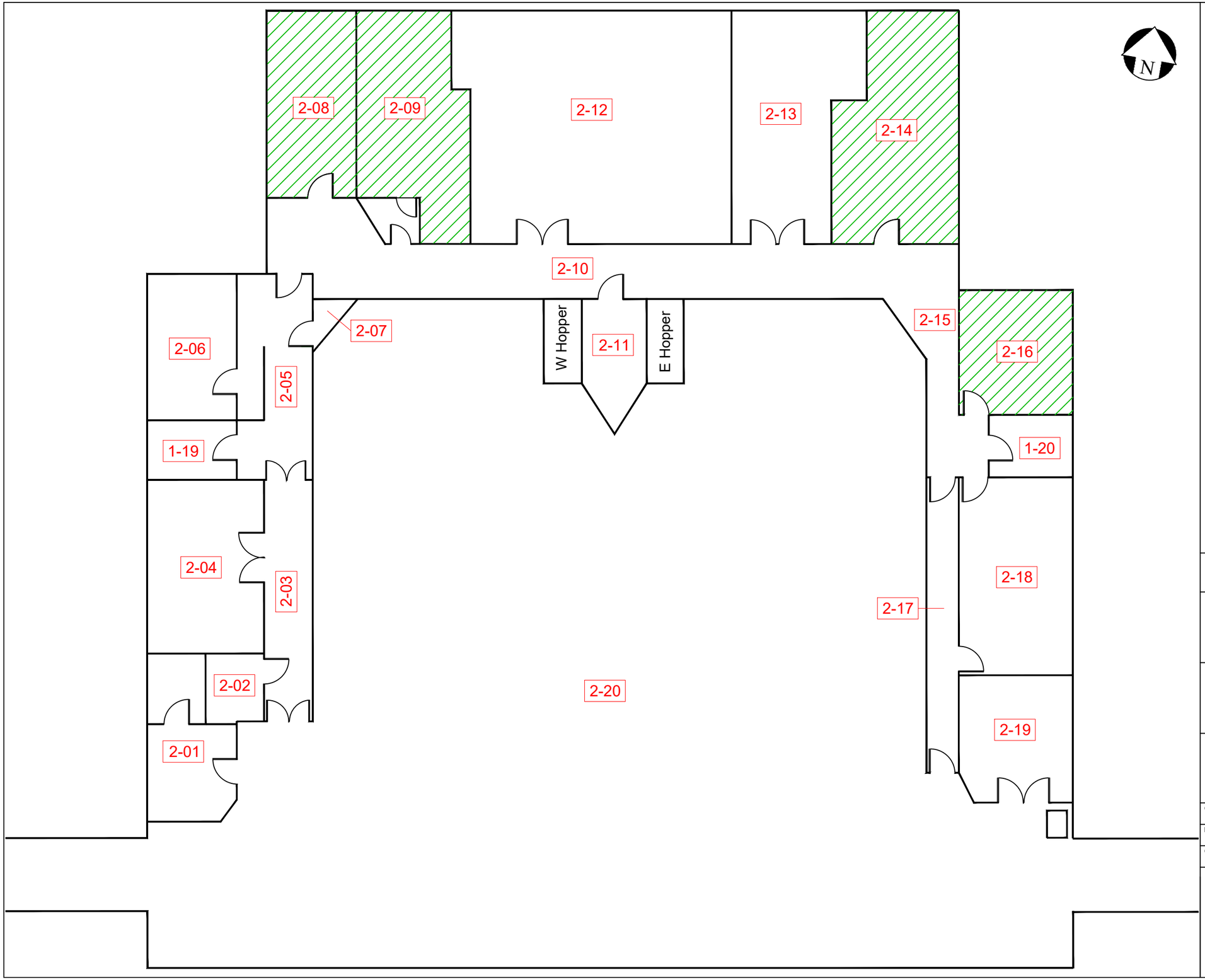
LOCATION:
400 Commissioners Street
Toronto, Ontario

BUILDING NAME:
Commissioners Transfer Station

Transfer Building - First Floor Plan

CLIENT: City of Toronto			
PROJECT NUMBER: FE-P 23-12800	DATE: April 2023	DRW BY: DC
CAD FILE: FIG2	SCALE: Not to Scale	CHK BY: IF

TORONTO



Legend

Asbestos-Containing Material

1-01 Location Number

NAR No Access to Room

The drawing does not illustrate locations of drywall joint compound, plaster, window caulking or roofing materials, for reasons discussed in Section 6 of the Standard Operating Procedure for Designated Substance Surveys. Please refer to the Designated Substance Survey Form in Appendix I for information regarding the locations and asbestos or lead-content of these materials.

Figure 3

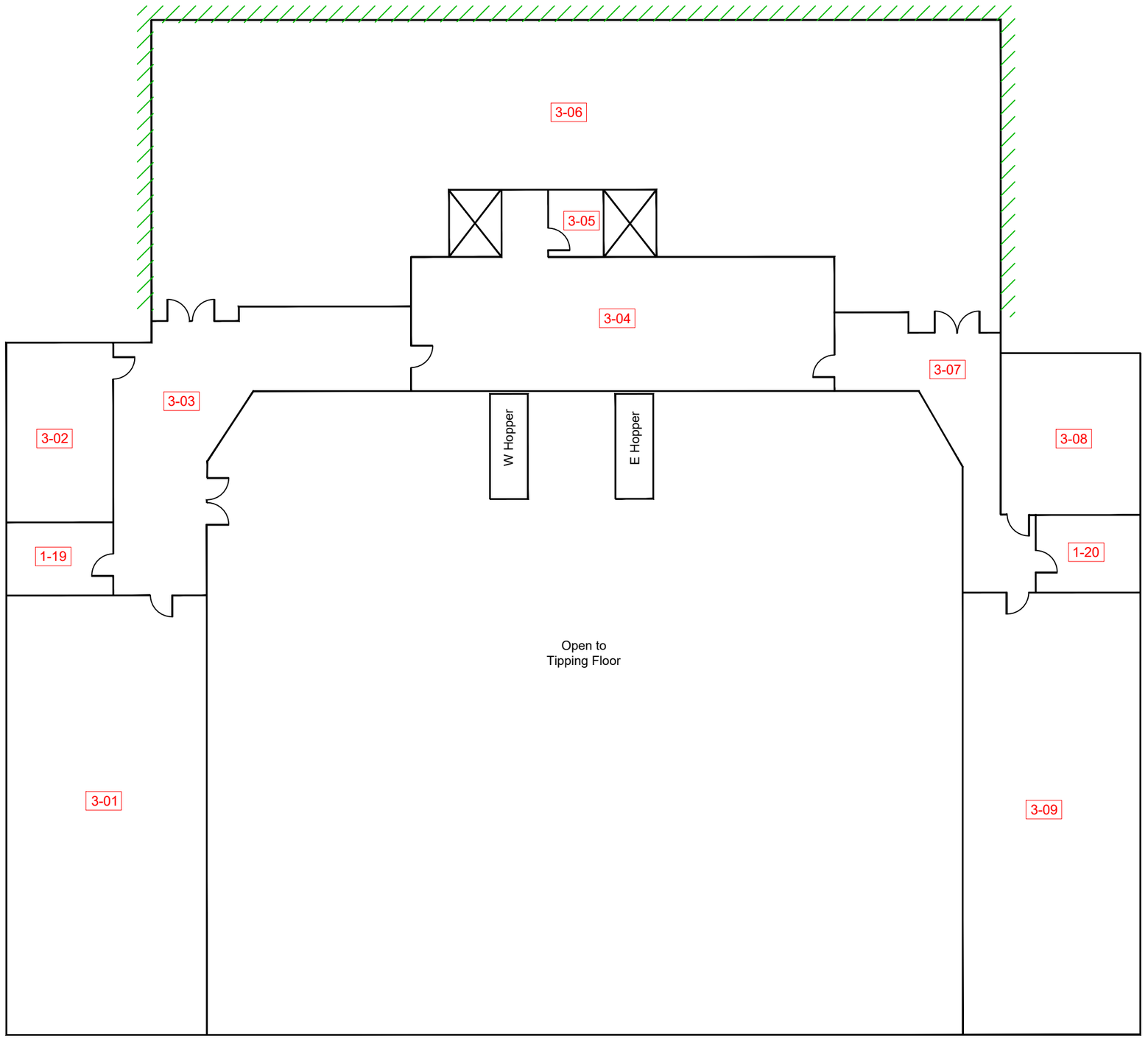
LOCATION:
400 Commissioners Street
Toronto, Ontario

BUILDING NAME:
Commissioners Transfer Station

Transfer Building - Second Floor Plan

CLIENT: City of Toronto			
PROJECT NUMBER: FE-P 23-12800	DATE: April 2023	DRW BY: DC	
CAD FILE: FIG3	SCALE: Not to Scale	CHK BY: IF	

TORONTO



Legend

Asbestos-Containing Material

1-01 Location Number

NAR No Access to Room

The drawing does not illustrate locations of drywall joint compound, plaster, window caulking or roofing materials, for reasons discussed in Section 6 of the Standard Operating Procedure for Designated Substance Surveys. Please refer to the Designated Substance Survey Form in Appendix I for information regarding the locations and asbestos or lead-content of these materials.

Figure 4

LOCATION:

400 Commissioners Street
Toronto, Ontario

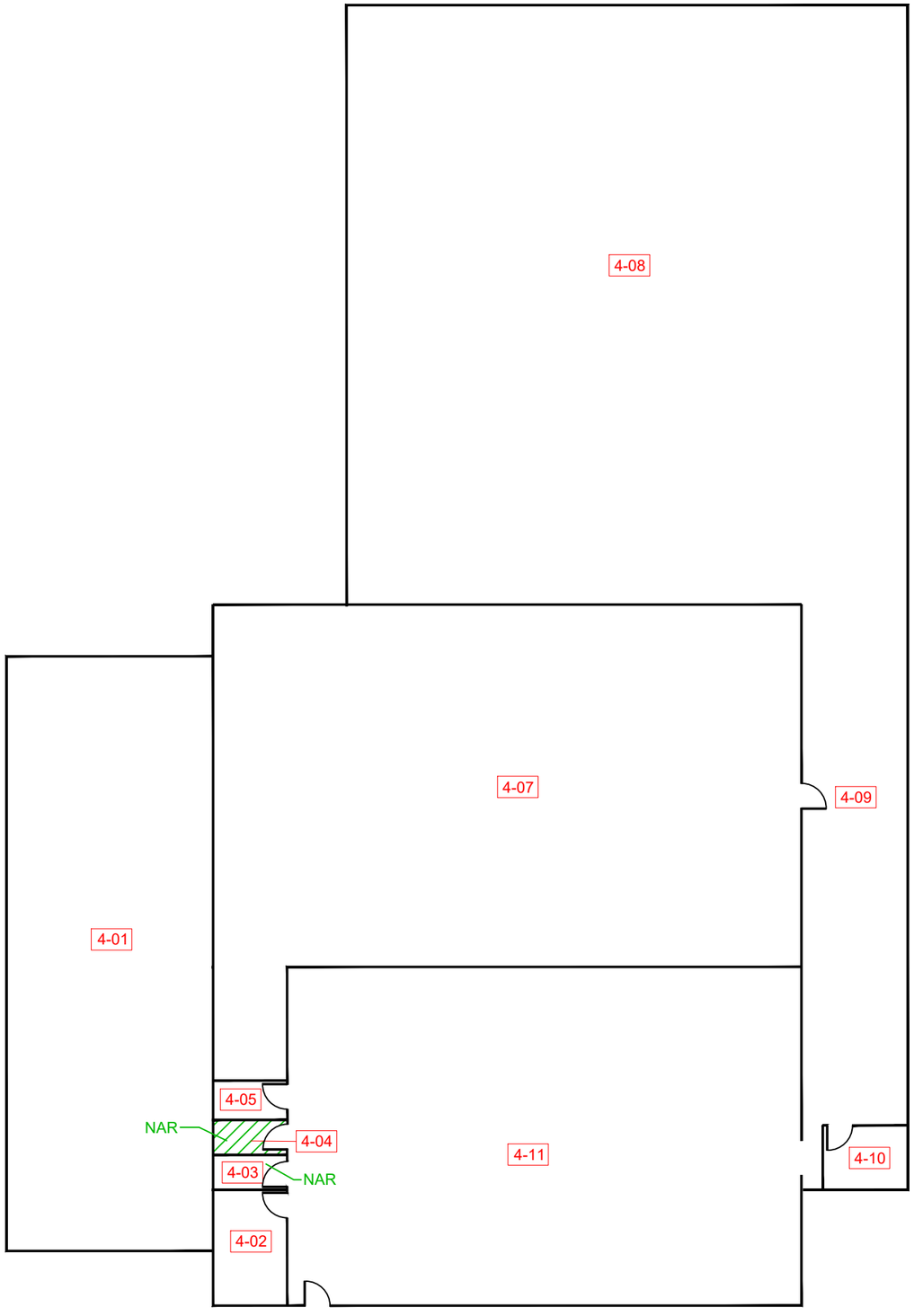
BUILDING NAME:

Commissioners Transfer Station

Transfer Building - Third Floor Plan
Asbestos-Containing Material Locations

CLIENT: City of Toronto			
PROJECT NUMBER: FE-P 23-12800	DATE: April 2023	DRW BY: DC	
CAD FILE: FIG4	SCALE: Not to Scale	CHK BY: IF	

TORONTO



Legend

Asbestos-Containing Material

1-01 Location Number

NAR No Access to Room

The drawing does not illustrate locations of drywall joint compound, plaster, window caulking or roofing materials, for reasons discussed in Section 6 of the Standard Operating Procedure for Designated Substance Surveys. Please refer to the Designated Substance Survey Form in Appendix I for information regarding the locations and asbestos or lead-content of these materials.

Figure 5

LOCATION:
400 Commissioners Street
Toronto, Ontario

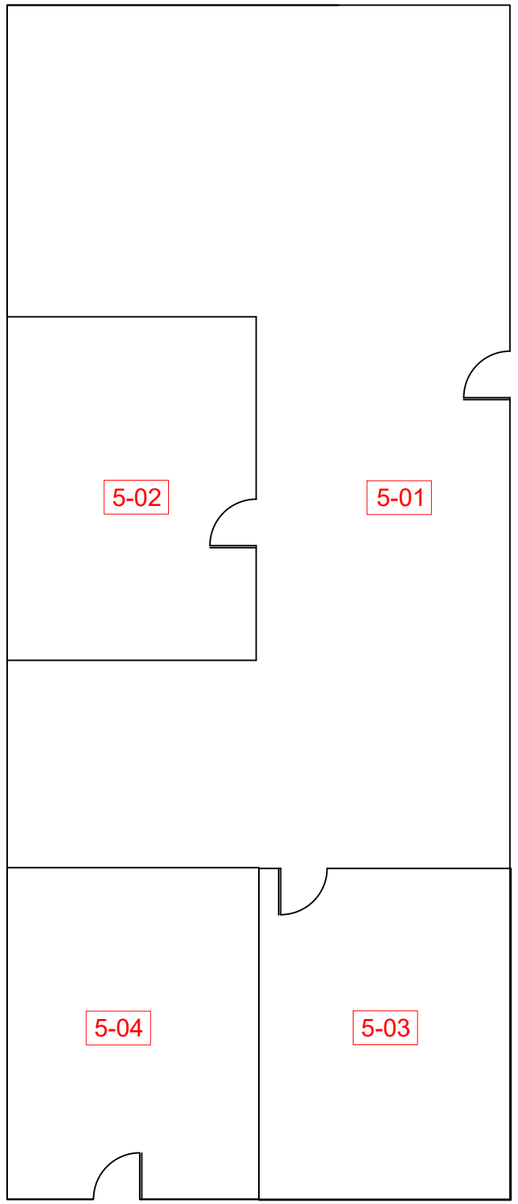
BUILDING NAME:
Commissioners Transfer Station

MRF Building Site Plan
Asbestos-Containing Material LOcations

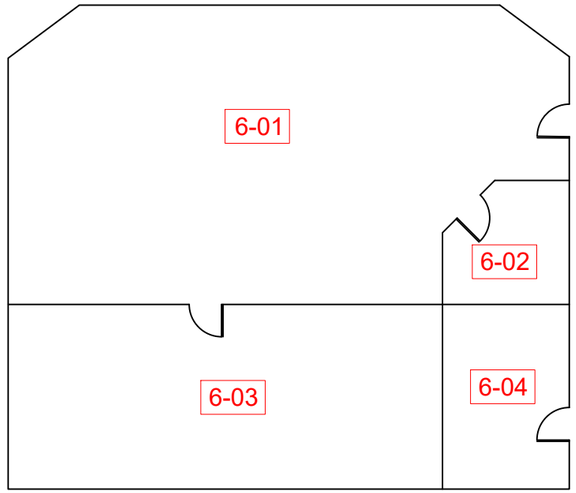
CLIENT: City of Toronto			
PROJECT NUMBER: FE-P 23-12800	DATE: April 2023	DRW BY: DC
CAD FILE: FIG5	SCALE: Not to Scale	CHK BY: IF

TORONTO

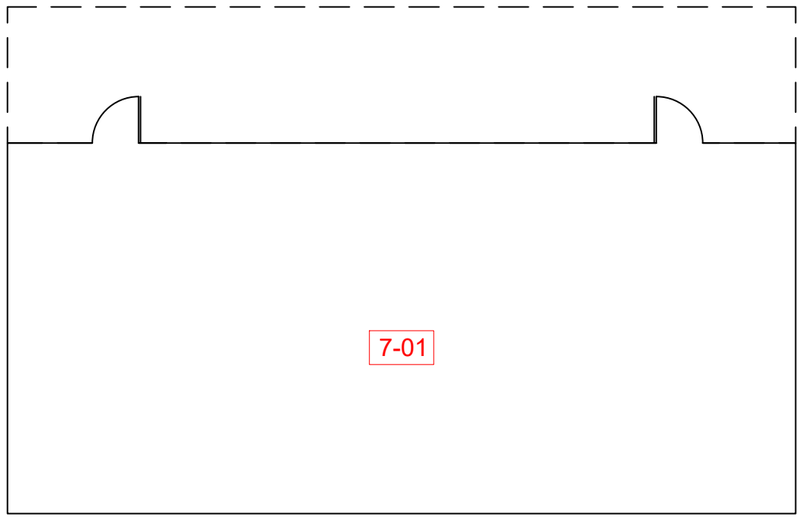
SCALE HOUSE



HAZARDOUS WASTE HOUSE



CHEMICAL STORAGE



Legend

	Asbestos-Containing Material
1-01	Location Number
NAR	No Access to Room

The drawing does not illustrate locations of drywall joint compound, plaster, window caulking or roofing materials, for reasons discussed in Section 6 of the Standard Operating Procedure for Designated Substance Surveys. Please refer to the Designated Substance Survey Form in Appendix I for information regarding the locations and asbestos or lead-content of these materials.

Figure 6

LOCATION:
400 Commissioners Street
Toronto, Ontario

BUILDING NAME:
Commissioners Transfer Station

Scale House, Hazardous Waste House and Chemical Storage

CLIENT: City of Toronto			
PROJECT NUMBER: FE-P 23-12800	DATE: April 2023	DRW BY: DC
CAD FILE: FIG6	SCALE: Not to Scale	CHK BY: IF

TORONTO

APPENDIX V

SITE PHOTOGRAPHS

(NO INFORMATION TO REPORT)