DESIGNATED SUBSTANCE SURVEY

MERTON YARD & SPRINT OFFICE
140 MERTON STREET

Toronto, Ontario

Presented to:

Meaghan Aldcroft

City of Toronto
Facilities Management

Fisher Environmental Ltd.
Project Number: FE-P 16-7715

OCTOBER, 2016

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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 Merton Yard & Sprint Office located at 140 Merton 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 Fisher Environmental Ltd. on December 8, 2006.

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. Muhammad Junayed of Fisher Environmental Ltd. performed the fieldwork on October 18, 2016.

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 confirmed ACM include the following:

- Roofing Materials,
- Window Caulking,
- Drywall Joint Compound,
- Vinyl Floor Tiles – five (5) varieties,
- Ceiling Tile – two (2) varieties, and
- Parging Cement.

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

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.

During this reassessment survey, additional samples of readily accessible materials (excluding roofing materials and window caulking) were collected to meet the bulk sampling requirements outlined in O. Reg. 278/05. Table 1 below summarizes the analytical results for the sampled assumed ACM.

TABLE 1
Summary of Analysis of Bulk Samples collected and analysed during this reassessment

Sample Number	Sample Description	Sample Location	Analytical Results
16-5074-01	Drywall Joint Compound	1-20, Parking Garage	None Detected
16-5074-02	Drywall Joint Compound	1-20, Parking Garage	None Detected
16-5074-03	Drywall Joint Compound	1-20, Parking Garage	None Detected

Laboratory analysis determined each material sampled to not contain asbestos. The laboratory analysis report is included with this report as Appendix II.

3.1.2 Recommendations

All assumed and confirmed ACM were observed 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.

Based on the age of the building, it is possible that lead-based paint and lead plumbing are present within the building. During the current investigation, no samples were collected for lead analysis.

3.2.2 Recommendations

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.

No immediate corrective actions were recommended with regard to lead.

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 that which may be 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. Fluorescent lighting was observed in use in several areas of the building and inspection of three random light ballasts revealed that they did not contain PCB's. 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:

Muhammad Junayed, B.Sc., EP
Project Manager

Reviewed By:

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

APPENDIX I

REASSESSMENT SURVEY FORM

APPENDIX I - REASSESSMENT SURVEY FORM

Building Address:	140 Merton Street., Toronto	Date(s) of Current Reassessment:	October 18, 2016
Building Name:	Merton Yard and Sprint Office	Organization Completing Reassessment:	Fisher Environmental Ltd. / Project FE-P 16-7715
Original Survey Conducted By:	Fisher Environmental Ltd.	Name of Surveyor:	Muhammad Junayed
Date(s) of Original Survey:	December 8, 2006	Signature of Surveyor:	

Summary of Findings
All Hazardous Materials observed in Good condition.

Location Number	*Location Name*	*Building System*	*Material Observed*	*Potential Hazardous Material*	*Sample ID*	*Analytical Result*	*Quantity*	*Condition*	*Notes / Recommended Actions*
0-00	Exterior	Roof	Roofing Material	Asbestos	Not Sampled	ACM Assumed	17,250 SF	Good	
0-00	Exterior	Windows	Window Caulking	Asbestos	Not Sampled	ACM Assumed	All	Good	
0-00	Exterior	Walls	Brick	N/A	N/A	N/A	N/A	N/A	
B-01	Bottom of South Stairwell	Floor	Ceramic	N/A	N/A	N/A	N/A	N/A	
B-01	Bottom of South Stairwell	Walls	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	600 SF	Good	
B-01	Bottom of South Stairwell	Ceiling	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	200 SF	Good	
B-02	Mechanical Room	Floor	Concrete	N/A	N/A	N/A	N/A	N/A	
B-02	Mechanical Room	Walls	Brick/Block/Concrete	N/A	N/A	N/A	N/A	N/A	
B-02	Mechanical Room	Ceiling	Concrete	N/A	N/A	N/A	N/A	N/A	
B-02	Mechanical Room	Pipe	Parging Cement	Asbestos	06-4044-1* 06-4044-2*	25-50% Chrysotile	30 fittings	Good	*From Survey Report 2006
B-02	Mechanical Room	Pipe	Cellulose	Asbestos	Homogeneous w/ 11-3005-1 to 3	None Detected	120 LF	N/A	
B-03	Electrical Room	Floor	Concrete	N/A	N/A	N/A	N/A	N/A	
B-03	Electrical Room	Walls	Brick/Concrete	N/A	N/A	N/A	N/A	N/A	
B-03	Electrical Room	Ceiling	Concrete	N/A	N/A	N/A	N/A	N/A	
B-04	Transformer Room	Floor	Concrete	N/A	N/A	N/A	N/A	N/A	**NO ACCESS**
B-04	Transformer Room	Walls	Brick/Concrete	N/A	N/A	N/A	N/A	N/A	
B-04	Transformer 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 / Recommended Actions
B-05	Elevator Mechanical Room	Floor	Concrete	N/A	N/A	N/A	N/A	N/A	
B-05	Elevator Mechanical Room	Floor	Red Paint	Lead	14-8143-1*	344 ppm	N/A	N/A	*From Fisher Project No.14-6837, dated April 2014
B-05	Elevator Mechanical Room	Walls	Concrete Block	N/A	N/A	N/A	N/A	N/A	
B-05	Elevator Mechanical Room	Walls	Taupe Paint	Lead	14-8143-2*	229 ppm	N/A	N/A	*From Fisher Project No.14-6837, dated April 2014
B-05	Elevator Mechanical Room	Ceiling	Concrete	N/A	N/A	N/A	N/A	N/A	
B-06	Boiler Room	Floor	Concrete	N/A	N/A	N/A	N/A	N/A	
B-06	Boiler Room	Walls	Concrete	N/A	N/A	N/A	N/A	N/A	
B-06	Boiler Room	Ceiling	Concrete	N/A	N/A	N/A	N/A	N/A	
B-06	Boiler Room	Pipe	Parging Cement	Asbestos	Homogeneous w/ 06-4044-1,2,9	25-50% Chrysotile	60 fittings	Good	
B-06	Boiler Room	Pipe	Cellulose	Asbestos	11-3005-1* 11-3005-2* 11-3005-3*	None Detected	90 LF	N/A	*From Survey Report 2011
B-07	West Stairwell	Floor	Terrazzo	N/A	N/A	N/A	N/A	N/A	
B-07	West Stairwell	Walls	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	75 SF	Good	
B-07	West Stairwell	Walls	Concrete	N/A	N/A	N/A	N/A	N/A	
B-07	West Stairwell	Ceiling	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	50 SF	Good	
B-07	West Stairwell	Pipe	Parging Cement	Asbestos	Homogeneous w/ 06-4044-1,2,9	25-50% Chrysotile	1 fitting	Good	
1-01	Lobby & Stairwell to 2nd Floor	Floor	Vinyl Floor Tile 4	Asbestos	Not Sampled	ACM Assumed	20 SF	Good	12" x 12" Beige with Grey and White Flecks
1-01	Lobby & Stairwell to 2nd Floor	Floor	Ceramic/Terrazzo	N/A	N/A	N/A	N/A	N/A	
1-01	Lobby & Stairwell to 2nd Floor	Walls	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	400 SF	Good	
1-01	Lobby & Stairwell to 2nd Floor	Walls	Off White Paint	Lead	15-2768-01*	260 ppm	N/A	N/A	*From Fisher Project No. 15-7315, dated October 2015
1-01	Lobby & Stairwell to 2nd Floor	Ceiling	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	190 SF	Good	
1-02	Front Office Area	Floor	Carpet	N/A	N/A	N/A	N/A	N/A	
1-02	Front Office Area	Floor	Vinyl Floor Tile 2	Asbestos	10-9665-1*	None Detected	N/A	N/A	12" x 12" Black with White Flecks *From Pre-renovation Report 2010 NOT OBSERVED
1-02	Front Office Area	Walls	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	1025 SF	Good	

Location Number	Location Name	Building System	Material Observed	Potential Hazardous Material	Sample ID	Analytical Result	Quantity	Condition	Notes / Recommended Actions
1-02	Front Office Area	Ceiling	Ceiling Tile 1	Asbestos	Homogeneous w/ 10-9647-4,5,6	None Detected	1000 SF	N/A	2' x 4' Random Pinhole
1-03	Storage	Floor	Vinyl Floor Tile 2	Asbestos	06-4044-3*	None Detected	50 SF	N/A	12" x 12 " Black with White Flecks *From Survey Report 2006
1-03	Storage	Walls	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	240 SF	Good	
1-03	Storage	Ceiling	Ceiling Tile 2	Asbestos	Homogeneous w/ 10-9188-1,2,3	None Detected	50 SF	N/A	1' x 1' Pinhole
1-04	Office	Floor	Carpet	N/A	N/A	N/A	N/A	N/A	
1-04	Office	Floor	Vinyl Floor Tile 2	Asbestos	Homogeneous w/ 06-4044-3 and 10-9665-1,2	None Detected	120 SF	N/A	12" x 12" Black with White Flecks NOT OBSERVED
1-04	Office	Walls	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	350 SF	Good	
1-04	Office	Ceiling	Ceiling Tile 1	Asbestos	Homogeneous w/ 10-9647-4,5,6	None Detected	120 SF	N/A	2' x 4' Random Pinhole
1-05	Men's Washroom	Floor	Vinyl Floor Tile 2	Asbestos	Homogeneous w/ 06-4044-3 and 10-9665-1,2	None Detected	580 SF	N/A	12" x 12" Black with White Flecks
1-05	Men's Washroom	Walls	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	800 SF	Good	
1-05	Men's Washroom	Walls	Ceramic	N/A	N/A	N/A	N/A	N/A	
1-05	Men's Washroom	Ceiling	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	580 SF	Good	
1-06	Women's Washroom	Floor	Vinyl Floor Tile 2	Asbestos	Homogeneous w/ 06-4044-3 and 10-9665-1,2	None Detected	50 SF	N/A	12" x 12" Black with White Flecks
1-06	Women's Washroom	Walls	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	225 SF	Good	
1-06	Women's Washroom	Ceiling	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	50 SF	Good	
1-07	Dispatch Office	Floor	Vinyl Floor Tile 2	Asbestos	Homogeneous w/ 06-4044-3 and 10-9665-1,2	None Detected	200 SF	N/A	12" x 12" Black with White Flecks
1-07	Dispatch Office	Walls	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	480 SF	Good	
1-07	Dispatch Office	Ceiling	Ceiling Tile 1	Asbestos	Homogeneous w/ 10-9647-4,5,6	None Detected	200 SF	N/A	2' x 4' Random Pinhole
1-08	Inspector's Room	Floor	Vinyl Floor Tile 2	Asbestos	Homogeneous w/ 06-4044-3 and 10-9665-1,2	None Detected	400 SF	N/A	12" x 12" Black with White Flecks
1-08	Inspector's Room	Walls	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	250 SF	Good	

Location Number	Location Name	Building System	Material Observed	Potential Hazardous Material	Sample ID	Analytical Result	Quantity	Condition	Notes / Recommended Actions
1-08	Inspector's Room	Walls	Concrete Block	N/A	N/A	N/A	N/A	N/A	
1-08	Inspector's Room	Ceiling	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	400 SF	Good	
1-09	Supplies	Floor	Vinyl Floor Tile 2	Asbestos	Homogeneous w/ 06-4044-3 and 10-9665-1,2	None Detected	50 SF	N/A	12" x 12" Black with White Flecks
1-09	Supplies	Walls	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	225 SF	Good	
1-09	Supplies	Walls	Concrete Block	N/A	N/A	N/A	N/A	N/A	
1-09	Supplies	Ceiling	Ceiling Tile 3	Asbestos	Not Sampled	ACM Assumed	50 SF	Good	2' x 4' Pinhole Textured
1-10	Lunch Room	Floor	Vinyl Floor Tile 2	Asbestos	Homogeneous w/ 06-4044-3 and 10-9665-1,2	None Detected	520 SF	N/A	12" x 12" Black with White Flecks
1-10	Lunch Room	Walls	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	750 SF	Good	
1-10	Lunch Room	Walls	Concrete Block	N/A	N/A	N/A	N/A	N/A	
1-10	Lunch Room	Ceiling	Ceiling Tile 1	Asbestos	Homogeneous w/ 10-9647-4,5,6	None Detected	520 SF	N/A	2' x 4' Random Pinhole
1-10	Lunch Room	Ceiling	Sprayed Fireproofing	Asbestos	06-4044-7* 06-4044-10* 06-4044-11*	None Detected	520 SF	N/A	Above Ceiling Tile *From Survey Report 2006
1-11	Janitor's Closet	Floor	Vinyl Floor Tile 3	Asbestos	Not Sampled	ACM Assumed	40 SF	Good	12" x 12" Beige with Brown Smears
1-11	Janitor's Closet	Walls	Concrete Block	N/A	N/A	N/A	N/A	N/A	
1-11	Janitor's Closet	Walls	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	50 SF	Good	
1-11	Janitor's Closet	Ceiling	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	40 SF	Good	
1-12	Locker Room	Floor	Vinyl Floor Tile 2	Asbestos	10-9665-2*	None Detected	450 SF	N/A	12" x 12" Black with White Flecks *From Pre-renovation Report 2010
1-12	Locker Room	Walls	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	700 SF	Good	
1-12	Locker Room	Walls	Concrete Block	N/A	N/A	N/A	N/A	N/A	
1-12	Locker Room	Ceiling	Ceiling Tile 1	Asbestos	10-9647-4* 10-9647-5* 10-9647-6*	None Detected	450 SF	N/A	2' x 4' Random Pinhole *From Pre-renovation Report 2010
1-12	Locker Room	Ceiling	Sprayed Fireproofing	Asbestos	10-9647-7*	None Detected	450 SF	N/A	Above Ceiling Tile *From Pre-renovation Report 2010
1-13	File Room	Floor	Vinyl Floor Tile 3	Asbestos	Not Sampled	ACM Assumed	240 SF	Good	12" x 12" Beige with Brown Smears

Location Number	Location Name	Building System	Material Observed	Potential Hazardous Material	Sample ID	Analytical Result	Quantity	Condition	Notes / Recommended Actions
1-13	File Room	Walls	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	500 SF	Good	
1-13	File Room	Ceiling	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	240 SF	Good	
1-13	File Room	Ceiling	Sprayed Fireproofing	Asbestos	Homogeneous w/ 10-9647-7,8,9	None Detected	240 SF	N/A	Previously observed above drywall
1-14	File Room	Floor	Vinyl Floor Tile 3	Asbestos	Not Sampled	ACM Assumed	240 SF	Good	12" x 12" Beige with Brown Smears
1-14	File Room	Walls	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	500 SF	Good	
1-14	File Room	Walls	Concrete Block	N/A	N/A	N/A	N/A	N/A	
1-14	File Room	Ceiling	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	240 SF	Good	
1-14	File Room	Ceiling	Sprayed Fireproofing	Asbestos	Homogeneous w/ 10-9647-7,8,9	None Detected	240 SF	N/A	Previously observed above drywall
1-15	Kitchenette	Floor	Vinyl Floor Tile 3	Asbestos	Not Sampled	ACM Assumed	280 SF	Good	12" x 12" Beige with Brown Smears
1-15	Kitchenette	Walls	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	500 SF	Good	
1-15	Kitchenette	Walls	Concrete Block	N/A	N/A	N/A	N/A	N/A	
1-15	Kitchenette	Ceiling	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	280 SF	Good	NOT OBSERVED
1-15	Kitchenette	Ceiling	Sprayed Fireproofing	Asbestos	Homogeneous w/ 10-9647-7,8,9	None Detected	280 SF	N/A	Previously observed above drywall
1-16	Corridor	Floor	Vinyl Floor Tile 3	Asbestos	Not Sampled	ACM Assumed	280 SF	Good	12" x 12" Beige with Brown Smears
1-16	Corridor	Walls	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	350 SF	Good	
1-16	Corridor	Walls	Concrete Block	N/A	N/A	N/A	N/A	N/A	
1-16	Corridor	Ceiling	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	680 SF	Good	
1-16	Corridor	Ceiling	Sprayed Fireproofing	Asbestos	10-9647-8* 10-9647-9*	None Detected	280 SF	N/A	Previously observed above drywall *From Pre-renovation Report 2010.
1-17	Office Area	Floor	Vinyl Floor Tile 3	Asbestos	Not Sampled	ACM Assumed	380 SF	Good	12" x 12" Beige with Brown Smears
1-17	Office Area	Walls	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	460 SF	Good	
1-17	Office Area	Walls	Concrete Block	N/A	N/A	N/A	N/A	N/A	
1-17	Office Area	Ceiling	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	380 SF	Good	
1-17	Office Area	Ceiling	Sprayed Fireproofing	Asbestos	Homogeneous w/ 10-9647-7,8,9	None Detected	380 SF	N/A	Previously observed above drywall

Location Number	Location Name	Building System	Material Observed	Potential Hazardous Material	Sample ID	Analytical Result	Quantity	Condition	Notes / Recommended Actions
1-18	Meeting Room	Floor	Carpet	N/A	N/A	N/A	N/A	N/A	
1-18	Meeting Room	Walls	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	1025 SF	Good	
1-18	Meeting Room	Ceiling	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	20 SF	Good	In the closet
1-18	Meeting Room	Ceiling	Ceiling Tile 1	Asbestos	Homogeneous w/ 10-9647-4,5,6	None Detected	770 SF	N/A	2' x 4' Random Pinhole
1-18	Meeting Room	Ceiling	Sprayed Fireproofing	Asbestos	Homogeneous w/ 10-9647-7,8,9	None Detected	770 SF	N/A	Previously observed above drywall
1-19	Garage Storage	Floor	Concrete	N/A	N/A	N/A	N/A	N/A	
1-19	Garage Storage	Walls	Concrete Block	N/A	N/A	N/A	N/A	N/A	
1-19	Garage Storage	Ceiling	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	100 SF	Good	
1-19	Garage Storage	Ceiling	Sprayed Fireproofing	Asbestos	Homogeneous w/ 10-9647-7,8,9	None Detected	100 SF	N/A	Previously observed above drywall
1-20	Parking Garage	Floor	Concrete	N/A	N/A	N/A	N/A	N/A	
1-20	Parking Garage	Walls	Concrete Block	N/A	N/A	N/A	N/A	N/A	
1-20	Parking Garage	Ceiling	Drywall (DJC)	Asbestos	16-5074-01 to 03*	None Detected	3500 SF	Good	*From Fisher Project No. 16-7715, dated October 2016
1-20	Parking Garage	Ceiling	Sprayed Fireproofing	Asbestos	Homogeneous w/ 10-9647-7,8,9	None Detected	3500 SF	N/A	Previously observed above drywall
1-20	Parking Garage	Pipe	Parging Cement	Asbestos	Homogeneous w/ 06-4044-1,2,9	25-50% Chrysotile	N/A	N/A	NOT OBSERVED
1-20	Parking Garage	Pipe	Cellulose	Asbestos	Not Sampled	ACM Assumed	N/A	N/A	NOT OBSERVED
1-21	North Stairwell	Floor	Vinyl Floor Tile 1	Asbestos	10-9188-4* 13-6822-1,2,3**	0.5-5% Chrysotile	250 SF	Good	12" x 12" Grey and White Flecks *From Survey Report, dated 2010 **Collected during annual survey 2013
1-21	North Stairwell	Floor	Vinyl Floor Tile 6	Asbestos	15-2768-2,3,4*	0.5-5% Chrysotile	150 SF	Good	12" x 12" Beige Observed on lower level under VFT1 *From Fisher Project No. 15-7315, dated October 2015
1-21	North Stairwell	Walls	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	1000 SF	Good	
1-21	North Stairwell	Walls	Concrete Block	N/A	N/A	N/A	N/A	N/A	
1-21	North Stairwell	Ceiling	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	150 SF	Good	
1-21	North Stairwell	Ceiling	Ceiling Tile 3	Asbestos	Not Sampled	ACM Assumed	20 SF	Good	2' x 4' Pinhole Textured
1-21	North Stairwell	Ceiling	Ceiling Tile 4	Asbestos	Not Sampled	ACM Assumed	120 SF	Good	2' x 4' Pinhole Long Fissure

Location Number	Location Name	Building System	Material Observed	Potential Hazardous Material	Sample ID	Analytical Result	Quantity	Condition	Notes / Recommended Actions
1-21	North Stairwell	Ceiling	Ceiling Tile 1	Asbestos	Homogeneous w/ 10-9647-4,5,6	None Detected	10 SF	N/A	2' x 4' Random Pinhole
1-22	Parking Garage	Floor	Concrete	N/A	N/A	N/A	N/A	N/A	
1-22	Parking Garage	Floor	Grey Paint	Lead	14-9594-1*	<10 ppm	N/A	N/A	*From Fisher Project No.14-6915, dated September 2014
1-22	Parking Garage	Walls	Brick/Block/Concrete	N/A	N/A	N/A	N/A	N/A	
1-22	Parking Garage	Walls	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	175 SF	Good	
1-22	Parking Garage	Walls	Grey Paint	Lead	14-9594-2*	19 ppm	N/A	N/A	*From Fisher Project No.14-6915, dated September 2014
1-22	Parking Garage	Ceiling	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	150 SF	Good	
1-22	Parking Garage	Ceiling	Not Found	N/A	N/A	N/A	N/A	N/A	Open to Metal Above
1-23	Office	Floor	Carpet	N/A	N/A	N/A	N/A	N/A	
1-23	Office	Walls	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	100 SF	Good	
1-23	Office	Walls	Wood	N/A	N/A	N/A	N/A	N/A	
1-23	Office	Ceiling	Ceiling Tile 1	Asbestos	Homogeneous w/ 10-9647-4,5,6	None Detected	150 SF	N/A	2' x 4' Random Pinhole
1-24	Washroom	Floor	Ceramic	N/A	N/A	N/A	N/A	N/A	
1-24	Washroom	Floor	Vinyl Floor Tile 2	Asbestos	Homogeneous w/ 06-4044-3 and 10-9665-1,2	None Detected	N/A	N/A	12" x 12" Black with White Flecks NOT OBSERVED
1-24	Washroom	Walls	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	160 SF	Good	NOT OBSERVED
1-24	Washroom	Walls	Ceramic	N/A	N/A	N/A	N/A	N/A	
1-24	Washroom	Ceiling	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	30 SF	Good	
1-25	Office	Floor	Carpet	N/A	N/A	N/A	N/A	N/A	
1-25	Office	Walls	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	20 SF	Good	
1-25	Office	Walls	Wood	N/A	N/A	N/A	N/A	N/A	
1-25	Office	Ceiling	Ceiling Tile 1	Asbestos	Homogeneous w/ 10-9647-4,5,6	None Detected	150 SF	N/A	2' x 4' Random Pinhole
1-26	Washroom	Floor	Vinyl Floor Tile 2	Asbestos	Homogeneous w/ 06-4044-3 and 10-9665-1,2	None Detected	30 SF	N/A	12" x 12" Black with White Flecks

Location Number	Location Name	Building System	Material Observed	Potential Hazardous Material	Sample ID	Analytical Result	Quantity	Condition	Notes / Recommended Actions
1-26	Washroom	Walls	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	160 SF	Good	
1-26	Washroom	Ceiling	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	30 SF	Good	
1-27	Washroom	Floor	Vinyl Floor Tile 2	Asbestos	Homogeneous w/ 06-4044-3 and 10-9665-1,2	None Detected	30 SF	N/A	12" x 12" Black with White Flecks
1-27	Washroom	Walls	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	160 SF	Good	
1-27	Washroom	Ceiling	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	30 SF	Good	
1-28	Office	Floor	Carpet	N/A	N/A	N/A	N/A	N/A	
1-28	Office	Walls	Wood	N/A	N/A	N/A	N/A	N/A	
1-28	Office	Ceiling	Ceiling Tile 1	Asbestos	Homogeneous w/ 10-9647-4,5,6	None Detected	100 SF	N/A	2' x 4' Random Pinhole
1-29	Corridor	Floor	Vinyl Floor Tile 2	Asbestos	Homogeneous w/ 06-4044-3 and 10-9665-1,2	None Detected	190 SF	N/A	12" x 12" Black with White Flecks
1-29	Corridor	Walls	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	820 SF	Good	
1-29	Corridor	Ceiling	Ceiling Tile 1	Asbestos	Homogeneous w/ 10-9647-4,5,6	None Detected	190 SF	N/A	2' x 4' Random Pinhole
1-30	Foyer	Floor	Vinyl Floor Tile 3	Asbestos	Not Sampled	ACM Assumed	20 SF	Good	12" x 12" Beige with Brown Smears
1-30	Foyer	Walls	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	280 SF	Good	
1-30	Foyer	Walls	Concrete Block	N/A	N/A	N/A	N/A	N/A	
1-30	Foyer	Ceiling	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	20 SF	Good	
1-31	Vestibule	Floor	Vinyl Floor Tile 2	Asbestos	Homogeneous w/ 06-4044-3 and 10-9665-1,2	None Detected	60 SF	N/A	12" x 12" Black with White Flecks
1-31	Vestibule	Walls	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	250 SF	Good	
1-31	Vestibule	Ceiling	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	60 SF	Good	
1-32	South Stairwell to Basement	Floor	Vinyl Floor Tile 2	Asbestos	Homogeneous w/ 06-4044-3 and 10-9665-1,2	None Detected	20 SF	N/A	12" x 12" Black with White Flecks
1-32	South Stairwell to Basement	Floor	Vinyl Floor Tile 4	Asbestos	Not Sampled	ACM Assumed	20 SF	Good	12" x 12" Beige with Grey and White Flecks
1-32	South Stairwell to Basement	Floor	Terrazzo	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 / Recommended Actions
1-32	South Stairwell to Basement	Walls	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	800 SF	Good	
1-32	South Stairwell to Basement	Ceiling	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	80 SF	Good	
2-01	Lobby	Floor	Terrazzo	N/A	N/A	N/A	N/A	N/A	
2-01	Lobby	Walls	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	320 SF	Good	
2-01	Lobby	Ceiling	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	100 SF	Good	
2-02	Corridor	Floor	Vinyl Floor Tile 4	Asbestos	Not Sampled	ACM Assumed	1000 SF	Good	12" x 12" Beige with Grey and White Flecks
2-02	Corridor	Floor	Vinyl Floor Tile 5	Asbestos	Not Sampled	ACM Assumed	200 SF	Good	12" x 12" Red with Black and White Flecks
2-02	Corridor	Walls	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	1500 SF	Good	
2-02	Corridor	Ceiling	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	1200 SF	Good	
2-03	West Stairwell	Floor	Vinyl Floor Tile 4	Asbestos	Not Sampled	ACM Assumed	70 SF	Good	12" x 12" Beige with Grey and White Flecks
2-03	West Stairwell	Floor	Terrazzo	N/A	N/A	N/A	N/A	N/A	
2-03	West Stairwell	Walls	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	700 SF	Good	
2-03	West Stairwell	Ceiling	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	100 SF	Good	
2-05	Washroom	Floor	Vinyl Floor Tile 4	Asbestos	Not Sampled	ACM Assumed	40 SF	Good	12" x 12" Beige with Grey and White Flecks
2-05	Washroom	Walls	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	200 SF	Good	
2-05	Washroom	Ceiling	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	40 SF	Good	
2-06	Women's Washroom	Floor	Terrazzo	N/A	N/A	N/A	N/A	N/A	
2-06	Women's Washroom	Walls	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	350 SF	Good	
2-06	Women's Washroom	Walls	Ceramic	N/A	N/A	N/A	N/A	N/A	
2-06	Women's Washroom	Ceiling	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	110 SF	Good	
2-07	Men's Washroom	Floor	Terrazzo	N/A	N/A	N/A	N/A	N/A	
2-07	Men's Washroom	Walls	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	350 SF	Good	
2-07	Men's Washroom	Walls	Ceramic	N/A	N/A	N/A	N/A	N/A	
2-07	Men's Washroom	Ceiling	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	110 SF	Good	

Location Number	Location Name	Building System	Material Observed	Potential Hazardous Material	Sample ID	Analytical Result	Quantity	Condition	Notes / Recommended Actions
2-08	Kitchen	Floor	Vinyl Floor Tile 4	Asbestos	Not Sampled	ACM Assumed	150 SF	Good	12" x 12" Beige with Grey and White Flecks
2-08	Kitchen	Walls	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	380 SF	Good	
2-08	Kitchen	Ceiling	Ceiling Tile 3	Asbestos	Not Sampled	ACM Assumed	150 SF	Good	2' x 4' Pinhole Textured
2-09	Lunch Room	Floor	Wood	N/A	N/A	N/A	N/A	N/A	
2-09	Lunch Room	Walls	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	540 SF	Good	
2-09	Lunch Room	Ceiling	Ceiling Tile 4	Asbestos	Not Sampled	ACM Assumed	310 SF	Good	2' x 4' Pinhole Long Fissure
2-10	Storage Room	Floor	Vinyl Floor Tile 4	Asbestos	Not Sampled	ACM Assumed	30 SF	Good	12" x 12" Beige with Grey and White Flecks
2-10	Storage Room	Walls	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	160 SF	Good	
2-10	Storage Room	Ceiling	Not Found	N/A	N/A	N/A	N/A	N/A	Open to Metal Above
2-11	Maintenance Closet	Floor	Vinyl Floor Tile 4	Asbestos	Not Sampled	ACM Assumed	20 SF	Good	12" x 12" Beige with Grey and White Flecks
2-11	Maintenance Closet	Walls	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	140 SF	Good	
2-11	Maintenance Closet	Ceiling	Not Found	N/A	N/A	N/A	N/A	N/A	Open to Metal Above
2-11	Maintenance Closet	Pipe	Parging Cement	Asbestos	06-4044-9*	25-50% Chrysotile	10 fittings	Good	*From Survey Report 2006
2-11	Maintenance Closet	Pipe	Cellulose	Asbestos	Not Sampled	ACM Assumed	N/A	N/A	NOT OBSERVED
2-12	Office	Floor	Carpet	N/A	N/A	N/A	N/A	N/A	
2-12	Office	Walls	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	350 SF	Good	
2-12	Office	Ceiling	Ceiling Tile 3	Asbestos	Not Sampled	ACM Assumed	120 SF	Good	2' x 4' Pinhole Textured
2-13	Mail Room	Floor	Vinyl Floor Tile 2	Asbestos	Homogeneous w/ 06-4044-3 and 10-9665-1,2	None Detected	120 SF	N/A	12" x 12" Black with White Flecks
2-13	Mail Room	Walls	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	350 SF	Good	
2-13	Mail Room	Ceiling	Ceiling Tile 3	Asbestos	Not Sampled	ACM Assumed	120 SF	Good	2' x 4' Pinhole Textured
2-14	Board Room	Floor	Carpet	N/A	N/A	N/A	N/A	N/A	
2-14	Board Room	Walls	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	550 SF	Good	
2-14	Board Room	Ceiling	Ceiling Tile 4	Asbestos	Not Sampled	ACM Assumed	280 SF	Good	2' x 4' Pinhole Long Fissure

Location Number	Location Name	Building System	Material Observed	Potential Hazardous Material	Sample ID	Analytical Result	Quantity	Condition	Notes / Recommended Actions
2-15	Offices (16)	Floor	Carpet	N/A	N/A	N/A	N/A	N/A	
2-15	Offices (16)	Walls	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	5000 SF	Good	
2-15	Offices (16)	Ceiling	Ceiling Tile 3	Asbestos	Not Sampled	ACM Assumed	100 SF	Good	2' x 4' Pinhole Textured
2-15	Offices (16)	Ceiling	Ceiling Tile 4	Asbestos	Not Sampled	ACM Assumed	2100 SF	Good	2' x 4' Pinhole Long Fissure
2-16	Open Office Area	Floor	Vinyl Floor Tile 2	Asbestos	Homogeneous w/ 06-4044-3 and 10-9665-1,2	None Detected	500 SF	N/A	12" x 12" Black with White Flecks
2-16	Open Office Area	Floor	Carpet	N/A	N/A	N/A	N/A	N/A	
2-16	Open Office Area	Walls	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	1500 SF	Good	
2-16	Open Office Area	Ceiling	Ceiling Tile 3	Asbestos	Not Sampled	ACM Assumed	2400 SF	Good	2' x 4' Pinhole Textured
2-16	Open Office Area	Ceiling	Ceiling Tile 4	Asbestos	Not Sampled	ACM Assumed	100 SF	Good	2' x 4' Pinhole Long Fissure
2-16	Open Office Area	Ceiling	Ceiling Tile 2	Asbestos	Homogeneous w/ 10-9188-1,2,3	None Detected	2500 SF	N/A	1' x 1' Pinhole Above Ceiling Tile
2-17	Computer Room	Floor	Carpet	N/A	N/A	N/A	N/A	N/A	**NO ACCESS**
2-17	Computer Room	Walls	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	400 SF	Good	
2-17	Computer Room	Ceiling	Ceiling Tile 3	Asbestos	Not Sampled	ACM Assumed	150 SF	Good	2' x 4' Pinhole Textured
2-17	Computer Room	Ceiling	Ceiling Tile 2	Asbestos	Homogeneous w/ 10-9188-1,2,3	None Detected	150 SF	N/A	1' x 1' Pinhole Above Ceiling Tile
2-18	Washroom	Floor	Vinyl Floor Tile 4	Asbestos	Not Sampled	ACM Assumed	70 SF	Good	12" x 12" Beige with Grey and White Flecks
2-18	Washroom	Walls	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	380 SF	Good	
2-18	Washroom	Ceiling	Ceiling Tile 3	Asbestos	Not Sampled	ACM Assumed	70 SF	Good	2' x 4' Pinhole Textured
2-19	Reception Area	Floor	Carpet	N/A	N/A	N/A	N/A	N/A	
2-19	Reception Area	Walls	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	450 SF	Good	
2-19	Reception Area	Ceiling	Ceiling Tile 3	Asbestos	Not Sampled	ACM Assumed	200 SF	Good	2' x 4' Pinhole Textured
2-19	Reception Area	Ceiling	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	200 SF	Good	Second Ceiling System
2-20	Meeting Room	Floor	Vinyl Floor Tile 4	Asbestos	Not Sampled	ACM Assumed	950 SF	Good	12" x 12" Beige with Grey and White Flecks
2-20	Meeting Room	Walls	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	1000 SF	Good	

Location Number	Location Name	Building System	Material Observed	Potential Hazardous Material	Sample ID	Analytical Result	Quantity	Condition	Notes / Recommended Actions
2-20	Meeting Room	Ceiling	Ceiling Tile 3	Asbestos	Not Sampled	ACM Assumed	950 SF	Good	2' x 4' Pinhole Textured
2-21	Storage Room	Floor	Vinyl Floor Tile 4	Asbestos	Not Sampled	ACM Assumed	200 SF	Good	12" x 12" Beige with Grey and White Flecks
2-21	Storage Room	Walls	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	650 SF	Good	
2-21	Storage Room	Ceiling	Ceiling Tile 3	Asbestos	Not Sampled	ACM Assumed	200 SF	Good	2' x 4' Pinhole Textured
2-22	Storage Room	Floor	Vinyl Floor Tile 4	Asbestos	Not Sampled	ACM Assumed	300 SF	Good	12" x 12" Beige with Grey and White Flecks
2-22	Storage Room	Walls	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	750 SF	Good	
2-22	Storage Room	Ceiling	Ceiling Tile 3	Asbestos	Not Sampled	ACM Assumed	300 SF	Good	2' x 4' Pinhole Textured
2-23	Corridor	Floor	Vinyl Floor Tile 4	Asbestos	Not Sampled	ACM Assumed	70 SF	Good	12" x 12" Beige with Grey and White Flecks
2-23	Corridor	Walls	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	280 SF	Good	
2-23	Corridor	Ceiling	Ceiling Tile 3	Asbestos	Not Sampled	ACM Assumed	70 SF	Good	2' x 4' Pinhole Textured
2-23	Corridor	Ceiling	Ceiling Tile 2	Asbestos	10-9188-1* 10-9188-2* 10-9188-3*	None Detected	70 SF	N/A	1' x 1' Pinhole Above Ceiling Tile *From Survey Report 2010
2-24	Meeting Room	Floor	Vinyl Floor Tile 4	Asbestos	Not Sampled	ACM Assumed	420 SF	Good	12" x 12" Beige with Grey and White Flecks
2-24	Meeting Room	Walls	Drywall (DJC)	Asbestos	Not Sampled	ACM Assumed	700 SF	Good	
2-24	Meeting Room	Ceiling	Ceiling Tile 3	Asbestos	Not Sampled	ACM Assumed	420 SF	Good	2' x 4' Pinhole Textured
2-24	Meeting Room	Ceiling	Ceiling Tile 2	Asbestos	Homogeneous w/ 10-9188-1,2,3	None Detected	420 SF	N/A	1' x 1' Pinhole Above Ceiling Tile

Surveyor's Field Notes

APPENDIX II

RESULTS OF BULK SAMPLE ANALYSIS

FISHER ENVIRONMENTAL LABORATORIES

FULL RANGE ANALYTICAL SERVICES • SOIL/WATER/AIR TESTING • ENVIRONMENTAL COMPLIANCE PACKAGES • 24 HOUR EMERGENCY RESPONSE • CALA ACCREDITED

400 ESNA PARK DRIVE #15
MARKHAM, ONT. L3R 3K2
TEL: 905 475-7755
FAX: 905 475-7718
www.fisherenvironmental.com

Client:	City of Toronto Facilities Management	***F.E. Job #:***	16-5074
Address:	2nd Floor, Metro Hall 55 John Street, Toronto, ON M5V 3C6	***Project Name:***	Annual Reassessment
		Project ID:	FE-16-7715
		Date Sampled:	18-Oct-16
		Date Received:	25-Oct-16
Tel.:	416-392-9024	***Date Reported:***	31-Oct-16
E-mail:	maldcro@toronto.ca	***Location:***	140 Merton Street Toronto, ON
Attn:	Meaghan Aldcroft		

Certificate of Analysis

Analysis Requested:	Asbestos
Sample Description:	3 Bulk Samples

Client Sample ID	Lab Sample ID	Sample Matrix	Fibre Type	Asbestos Content
01A - DWC - Loc: 1-20	16-5074-01	Drywall Joint Compound		Not Detected
01B - DWC - Loc: 1-20	16-5074-02	Drywall Joint Compound		Not Detected
01C - DWC - Loc: 1-20	16-5074-03	Drywall Joint Compound		Not Detected

Fisher Environmental Laboratories (Lab ID #: 2745) is accredited by CALA (Canadian Association for Laboratory Accreditation Inc.) for asbestos analysis by PLM.

ANALYTICAL METHOD:

Asbestos has been done in accordance with normal professional standard using the following Fisher Environmental Lab Method: Asbestos by PLM (Polarized Light Microscope) F-26, Rev.2.2.

Authorized by:

Roger Lin, Ph. D., C. Chem.
Laboratory Manager

Results relate only to the items tested

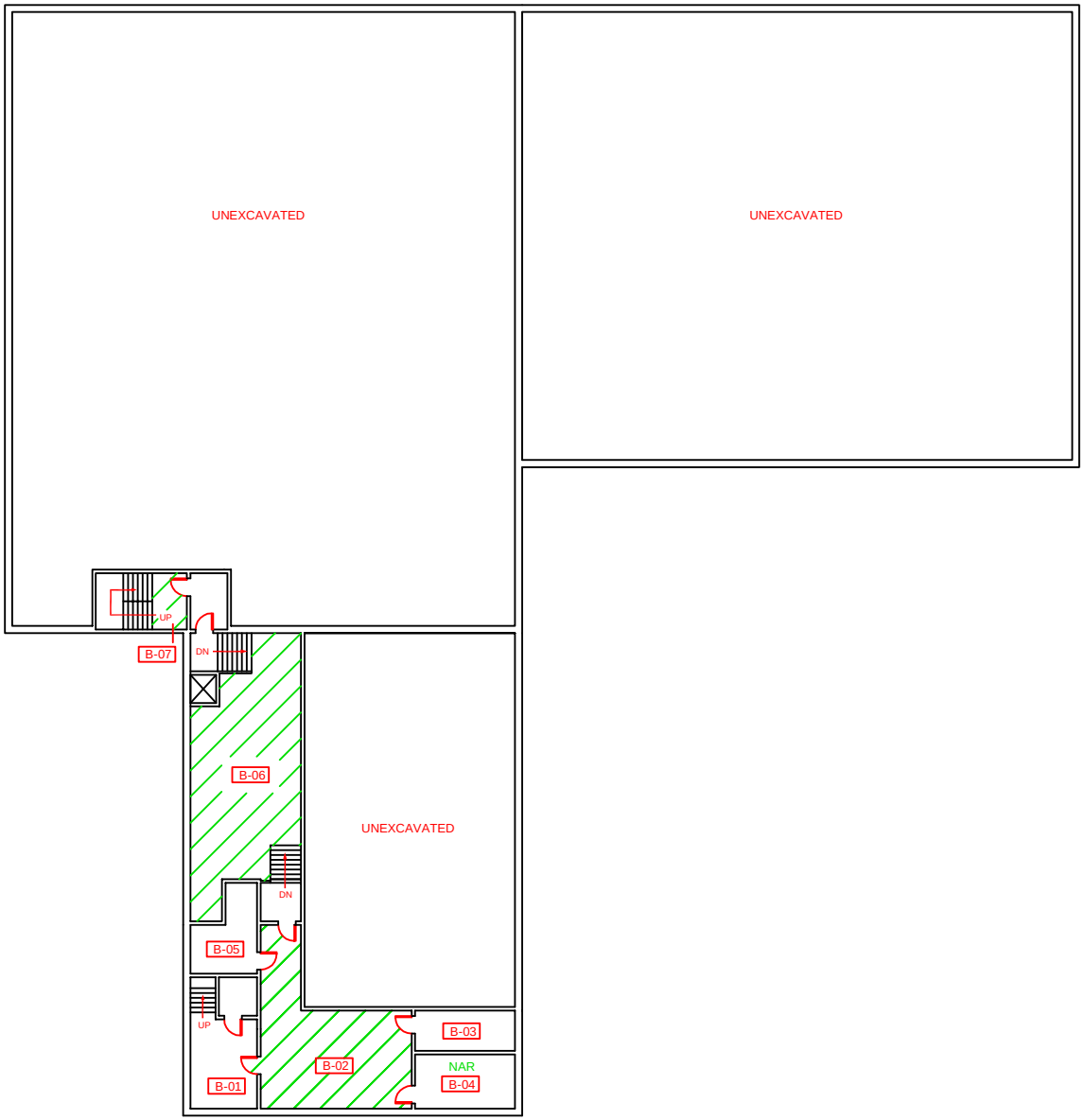
APPENDIX III

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
- Asbestos Sample Location
- Lead Sample Location

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:

140 Merton Street
Toronto, Ontario

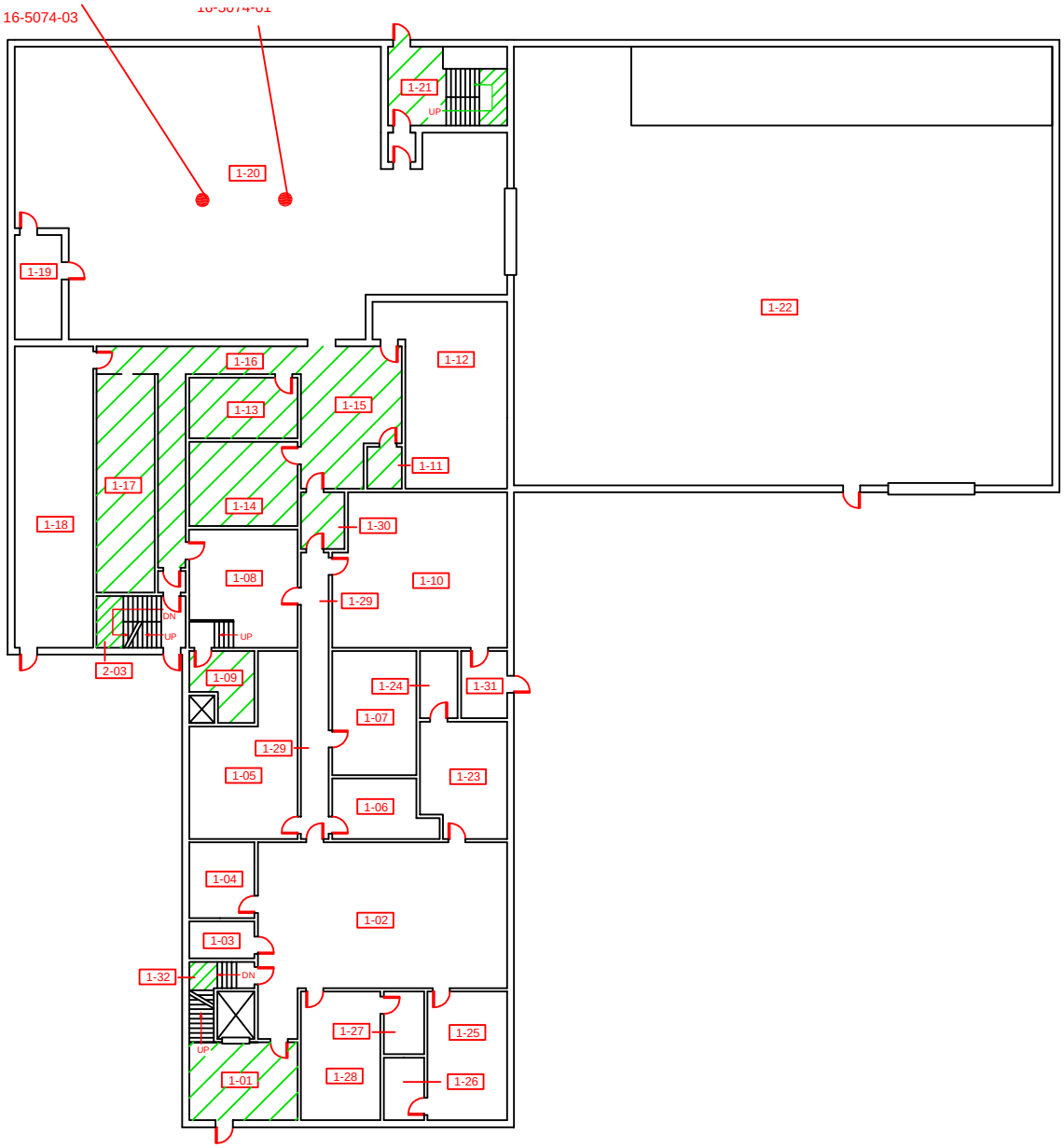
BUILDING NAME:

Merton Yard / Sprint Office

Basement Floor Plan
Asbestos-Containing Material Locations

CLIENT:			
PROJECT NUMBER: FE-P 16-7715	DATE: OCT 2016	DRW BY: AH	
CAD FILE: FIG1	SCALE: Not to Scale	CHK BY: MJ	

TORONTO



Legend

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

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:

140 Merton Street
Toronto, Ontario

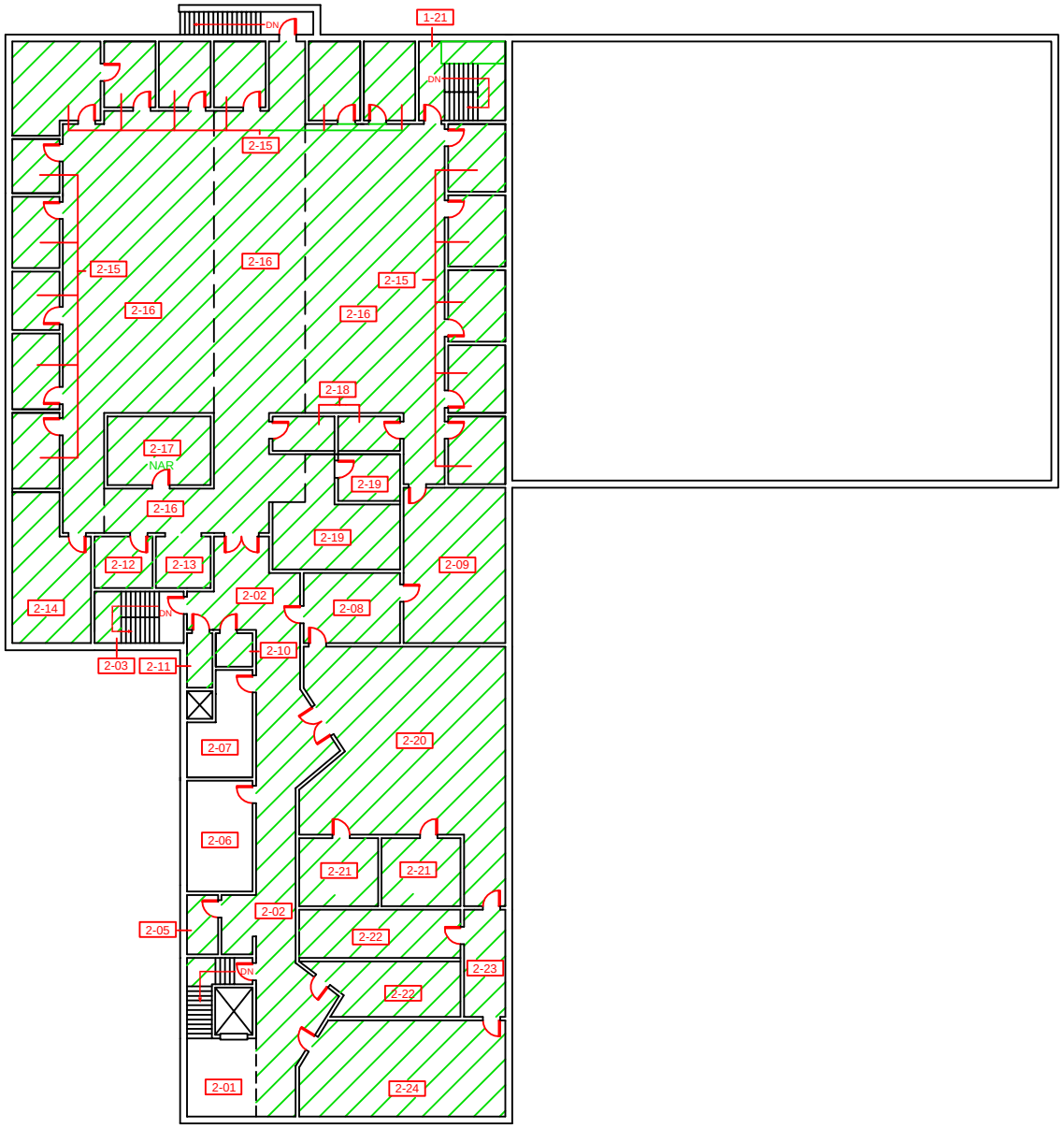
BUILDING NAME:

Merton Yard / Sprint Office

First Floor Plan
Asbestos-Containing Material Locations

CLIENT: City of Toronto			
PROJECT NUMBER: FE-P 16-7715	DATE: OCT 2016	DRW BY: AH
CAD FILE: FIG2	SCALE: Not to Scale	CHK BY: MJ

TORONTO



Legend

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

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:

140 Merton Street
Toronto, Ontario

BUILDING NAME:

Merton Yard / Sprint Office

First Floor Plan
Asbestos-Containing Material Locations

CLIENT: City of Toronto			
PROJECT NUMBER: FE-P 16-7715	DATE: OCT 2016	DRW BY: AH
CAD FILE: FIG2	SCALE: Not to Scale	CHK BY: MJ

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APPENDIX V

SITE PHOTOGRAPHS

(NO INFORMATION TO REPORT)