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Designated Substances Report for the West Memorial Rehabilitation Project, West Memorial Building, 344 Wellington Street, Ottawa, Ontario

Summary Report (PNs: R.011705.061 and R.067947.001)

2014-05-21

Public Works and Government Services Canada
Real Property Branch
Professional and Technical Services Management
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1.0 INTRODUCTION

DST Consulting Engineers Inc. (DST) was retained in June 2013 by El Houcine Faouzi, Environmental Analyst, Real Property Branch (RPB), Public Works and Government Services Canada (PWGSC), to conduct a non-destructive Designated Substances Survey (DSS) for the West Memorial Rehabilitation Project at the West Memorial Building (WMB), located at 344 Wellington Street, Ottawa, Ontario. In August 2013 DST was then retained by Olivier Brazeau, Health and Safety Officer, RPB, PWGSC, to perform a limited destructive investigation into concealed conditions to supplement the original DSS. This Designated Substances Report provides the consolidated findings of the two field programs performed by DST, including updated appendices, and supersedes the original Designated Substances Report for this project, dated August 13, 2013[1].

The Canada Labour Code stipulates under Part II, Section 124 that every employer shall ensure that the health and safety at work of every person employed by the employer is protected. Furthermore, Section 125(1)(z.14) of the Canada Labour Code stipulates that the employer, to the extent that he controls the activity, will take all reasonable care to ensure that all persons granted access to the work place, other than the employer's employees, are informed of every known or foreseeable health and safety hazard to which they are likely to be exposed in the work place. Also, a Designated Substances Report is required under the Ontario Occupational Health and Safety Act in order to identify designated substances that may be present within the project areas. The DSR was performed to meet the requirements of Section 30 of the Ontario Occupational Health and Safety Act, Revised Statutes of Ontario, 1990, Chapter 0.1. By having a DSR completed, the Project Manager will be able to inform his or her employees, contractors, and tenants of any designated substances that may be present and possibly disturbed throughout the duration of the project. Polychlorinated Biphenyls (PCBs) and Halocarbons have also been considered in order to identify the need to comply with appropriate Environmental legislation.

DST staff completed a non-destructive visual assessment of building materials and equipment for the presence of suspected designated substances and hazardous materials within the WMB between June 26 – 28, July 2 – 5 and July 8 – 9, 2013. All accessible areas within the footprint of the building were surveyed, on a room-by-room basis. Prior to the DSS, DST carried out a data gap analysis of the previous survey reports pertaining to Designated Substances within the West Memorial Building. All reports were provided electronically to DST by PWGSC. The following is a chronological summary of the previous reports that were referenced as part of this consolidated report:

1. Designated Substances Survey, West Memorial Building. Prepared by Jacques Whitford Environment Limited (JWEL) (File No.: 60608-60002), dated October 10, 1997.
2. Designated Substances and Hazardous Materials Survey, West Memorial Building. Prepared by JWEL (File No.: 61167), dated March 31, 2000.
3. Asbestos Assessment to Meet Ontario Regulation 278/05, West Memorial Building. Prepared by Greenough Environmental Consulting (GEC) (File No.: 23696), and dated October 2007.
4. Designated Substances Report, West Memorial Building. Prepared by GEC (File No.: 24215), dated February 29, 2008.
5. West Memorial Building Rehabilitation Project, Feasibility Report. Prepared by GRC/Cohos Architects Joint Venture (File No.: 850433), and dated June 2008.
6. Designated Substances and Hazardous Materials Update, West Memorial Building. Prepared by CIMA+ (File No.: G001938-000-030), and dated March 30, 2009.

[1] Designated Substances Report for the West Memorial Rehabilitation Project, West Memorial Building, 344 Wellington Street, Ottawa, Ontario. Summary Report (PN: R.011705.061). Dated August 1, 2013.

7. Annual Assessment of Asbestos-Containing Materials, West Memorial Building. Prepared by GEC (File No.: 26589), and dated October 2012.

Where possible, DST referenced the sampling and analytical results from the above-noted technical reports.

A further report, entitled 'Asbestos Materials Survey, West Memorial Building', prepared by Pinchin and Associates Ltd, dated November 1994 and referenced in the JWEL 2000 report, was not provided by PWGSC to DST for review. The findings of this report are considered to be superseded by the more recent asbestos and hazardous materials survey reports listed above.

The original DSS identified numerous areas where concealed Asbestos-Containing Materials (ACMs) were suspected or assumed to be present that could not be accurately observed and quantified by non-destructive means. Due to the requirement to identify these concealed ACMs prior to the all-encompassing renovations of the WMB, DST was retained by PWGSC to perform a limited destructive investigation to supplement the findings of the DSS, that included representative selective demolitions to examine concealed conditions above or behind solid building material finishes. It should be noted that the destructive investigation did not include selective demolitions in all areas where concealed ACMs were suspected to be present (i.e. the survey did not include an investigation above or behind all solid wall, floor and ceiling finishes in the building). The supplemental investigation also required the completion of the following tasks as requested by PWGSC:

- An investigation into the possibility of concealed materials on the underside of the concrete basement slab (parking garage area), in the area directly below where new footings will be laid for the creation of additional in-fill floors within the west courtyard;
- An investigation into the possible presence of vermiculite-containing concrete blocks;
- A DSS of the walkways and steam tunnel connecting the West Memorial Building with the East Memorial Building; and
- The quantification of mercury-containing fluorescent light tubes and Polychlorinated Biphenyl (PCB)-containing equipment.

Prior to the commencement of the destructive investigation, DST provided PWGSC with documentation identifying the proposed locations of openings that would be required to successfully conduct the destructive investigation, with the intention of limiting any damage to building materials that have a designated heritage value[2]. The locations of the proposed openings were selected by DST using a 'best guess' theory as to where suspect ACMs could be located, and where assumptions of ACM layouts could be verified. These assumptions were formulated following two site visits, and a detailed review of the original architectural plans[3] for the building (including all heating, plumbing and ventilation configurations), provided by PWGSC.

The proposed openings that were submitted by DST to PWGSC were then submitted to the Federal Heritage Buildings Review Office (FHBRO) for approval. On receipt of approval to proceed by FHBRO and PWGSC, DST performed the destructive investigation between December 11 – 18, 2013, and on January 6, 2014. The findings of this investigation, the DSS, and the review of the architectural plans, were used to create a detailed room-by-room database of both visible and concealed ACMs in the building. However, due to the destructive investigation including only limited, representative openings, the following limitations must be considered when utilizing the detailed room-by-room ACM database:

[2] Proposed Openings Investigation Details for Heritage Material Review, West Memorial Rehabilitation Project – Destructive Investigation. Prepared by DST Consulting Engineers, dated November 11, 2013.

[3] Allward and Gaouinlock Architects & H.H. Angus Consulting Engineers, Ltd. July 19, 1951.

1. Typically, the walls of each room in the building are constructed slab-to-slab throughout the basement level up to the 6th floor, that resulted in an opening in the ceiling of a room only providing limited detailed information of the concealed site conditions in that room alone. Since the destructive investigation included representative openings based on a 'best guess' approach after reviewing the architectural plans (to minimize project costs and damage to the building), the vast majority of concealed areas were not opened for inspection.
2. Although in most cases the architectural plans were verified as displaying as-built conditions for concealed ACMs, due to the destructive investigation only including representative openings, it is likely that following renovations to the building, additional ACMs that are not displayed on the drawings and in rooms that were not opened may be present. Similarly, ACMs may also have been removed and/or replaced with non-asbestos containing materials. In addition, in some cases the distinction between ACM piping and other non-ACM piping or ventilation runs was not clear on the architectural plans.
3. Observations through representative openings into concealed ceiling and wall cavities were often obscured by conduit, ductwork etc., making accurate quantification of concealed ACMs difficult.
4. The vast majority of quantities given in the ACM database for all concealed and inaccessible ACMs are based on extrapolated observations from similar rooms where representative openings were made, and based on a detailed review of the architectural drawings. As such, these quantities are considered estimates only, as the scope of work for the destructive investigation did not include openings in all areas where concealed ACMs were suspected to be present. Line items for these concealed ACMs are therefore based on assumptions only, and are labeled as such in the 'Comments' column of the database.
5. Asbestos-containing parging on cork duct insulation was predominately identified on wide-diameter ductwork in random locations of the building which are included in the ACM database. This same ACM was also identified on smaller diameter ductwork in two areas of the building. All other ducting observed through representative openings were uninsulated. As such, when reviewing the architectural plans, differentiating non-insulated ducting with ducting that has parging was not possible. Without performing a much more comprehensive openings investigation, the possibility exists that asbestos-containing parging on cork insulation material may be present in other areas of the building that remain concealed and were not identified as part of the limited destructive investigation.

During both the DSS and supplemental investigation, the following areas were not accessible to DST personnel and/or accompanying building escorts:

1. Ground floor: Hydro Room and a north-west elevator room;
2. Elevator shafts and associated elevator mechanics (e.g. braking systems);
3. Solid door assemblies;
4. Above or behind solid building material finishes (i.e. rooms not included in the destructive investigation); and
5. Beneath copper roofing materials

The following is a consolidated summary of the findings and associated recommendations for the Designated Substances observed during the 2013 DSS, the 2013/14 destructive investigation, and those previously identified within the West Memorial Building. Floor plans showing room numbering and sample locations are included in Appendix A. Representative photographs are included in Appendix B. A detailed room-by-room database for ACMs is included in Appendix C. Tables providing approximate quantities of fluorescent light tubes and PCB-containing equipment are included in Appendix D. References to the previous reports that are referenced to for the purposes of this report are included in Appendix E.

2.0 ASBESTOS

In Ontario, a material is defined as an Asbestos-Containing Material (ACM) if the material has a minimum asbestos content of 0.5 per cent (%) by dry weight. If materials are suspected to contain asbestos based on visual identification,

they must be treated as asbestos-containing, unless laboratory analysis of the prescribed number of samples proves otherwise, as per *Ontario Regulation 278/05 – Asbestos on Construction Projects and in Buildings and Repair Operations* (O.Reg. 278/05), as amended. As per O.Reg 278/05, it is not necessary to analyze multiple bulk material samples collected from the same area of homogeneous material if analysis establishes that a bulk material sample contains 0.5 per cent or more asbestos by dry weight.

Based on the data gap analysis performed by DST of the previous reports for the building, it was ascertained that the bulk sample results for materials within the building identified as not containing asbestos, as reported by JWEL (1997), and GEC (2007), were considered invalid for the purposes of this DSS completed by DST. This is due to the fact that the analytical asbestos method of detection limit (MDL) utilized during the Phased Light Microscopy (PLM) analysis of the bulk samples by the other consultants was 1%, as opposed to the required limit of 0.5% stipulated in O.Reg 278/05, as amended. Although the correct detection limit was used for bulk samples suspected of containing asbestos in the JWEL (2000) report, only one bulk sample of wall plaster and one sample of 12"x12" wall/ceiling tiles were collected, in addition to multiple bulk samples of various insulating components of heating/cooling equipment. The quantity of previously collected samples by JWEL (2000) does not meet the current bulk sampling requirements of O.Reg 278/05, as amended. As such, all materials that have been previously identified by past consultant reports as non-asbestos containing were required to be re-sampled using the correct 0.5% method of detection during the 2013 DSS performed by DST. As part of the 2013/14 destructive investigation, DST also identified and sampled further materials for asbestos content.

Table 1 summarizes the previous and valid analytical results of building material samples confirmed to contain regulated concentrations of asbestos, collected by JWEL (1997 and 2000), and GEC (2007) for the West Memorial Building. Only the samples that were found to contain a 1% or more asbestos content from the JWEL 1997 and GEC 2007 surveys are included in the table.

Table 2 summarizes the analytical results of building material samples collected from the building by DST during the original DSS (2013), and the destructive investigation (2013/14) for asbestos analysis using the PLM method (0.5% MDL). This includes the re-sampling of any building materials that had been previously analyzed using the incorrect MDL, as well as any additional materials suspected of containing asbestos that were not sampled previously.

Table 3 summarizes the analytical results of select non-friable building material samples collected from the building by DST during the original DSS (2013), and the destructive investigation (2013/14), that were identified as non-asbestos containing via PLM analysis, and were further analyzed using the Transmission Electron Microscopy (TEM) analytical method.

Table 1: Summary of Previous Bulk Sampling Containing Regulated Concentrations of Asbestos by PLM – JWEL (1997 and 2000), and GEC (2007)

Sampled By, Year	Sample ID	Material	Location	Asbestos Type	Asbestos content (%)
JWEL, 1997	001	Aircell pipe insulation	7th Floor, condensate pipe	Chrysotile	25-50%
JWEL, 1997	002	Pipe elbow insulation	7th Floor, steam pipe	Chrysotile	25-50%
JWEL, 1997	003	Mag block pipe insulation	7th Floor, steam pipe	Amosite	>75%
JWEL, 1997	004	Parging on cork	7th Floor, air handling unit	Chrysotile	25-50%
JWEL, 1997	005	Mag block insulation	7th Floor, snow melting tank	Chrysotile Amosite	1-5% 50-75%
JWEL, 1997	006	2'x2' Transite ceiling tiles	6th Floor, corridor	Chrysotile	25-50%
JWEL, 1997	008	Layered cardboard wrap (LCW) pipe insulation	5th Floor, domestic cold water pipe	Chrysotile	25-50%
JWEL, 1997	011	Layered cardboard wrap pipe insulation	3rd Floor, domestic cold water pipe	Chrysotile	25-50%

Sampled By, Year	Sample ID	Material	Location	Asbestos Type	Asbestos content (%)
JWEL, 1997	012	Parging cement on fitting	3rd Floor, domestic hot water piping	Chrysotile	25-50%
JWEL, 1997	014	Aircell pipe insulation	6th Floor, within radiator	Chrysotile	25-50%
JWEL, 1997	015	Parging cement	1st Floor, on LCW pipe joints	Chrysotile	25-50%
JWEL, 1997	017	Parging cement on Mag Block	Basement, Condensate Tank	Chrysotile	25-50%
JWEL, 1997	018	Light heat shield	Basement	Chrysotile	25-50%
JWEL, 1997	019	Mag block pipe insulation	4th Floor, inside perimeter wall	Chrysotile Amosite	1-5% 50-75%
JWEL, 1997	020	Aircell pipe insulation	1st Floor, inside perimeter wall	Chrysotile	25-50%
JWEL, 2000	SA-01	Parging Cement	Basement Room B18, condensate tank	Chrysotile Amosite	25-50% 25-50%
JWEL, 2000	SA-02	Parging cement on fitting	Basement Room B18, steam line	Chrysotile	50-75%
JWEL, 2000	SA-03	Mag Block pipe insulation	Basement Room B18, steam line	Chrysotile Amosite	5-25% 25-50%
JWEL, 2000	SA-04	Aircell pipe insulation	Basement Room B18, condensate line	Chrysotile	25-50%
JWEL, 2000	SA-05	LCW pipe insulation	Basement Room B18, domestic water	Chrysotile	25-50%
JWEL, 2000	SA-06	Light heat shield	Basement recycling room	Chrysotile	25-50%
JWEL, 2000	SA-08	Parging cement	Parking garage, pipe fitting	Chrysotile	50-75%
JWEL, 2000	SA-10	LCW pipe insulation	4th Floor, pipe chase	Chrysotile	25-50%
JWEL, 2000	SA-11	Mag Block pipe insulation	7th Floor, snow melting pipe	Chrysotile Amosite	5-25% 25-50%
JWEL, 2000	SA-13	Mag Block pipe insulation	7th Floor, snow melting line pressure tank	Chrysotile Amosite	5-25% 25-50%
JWEL, 2000	SA-14	2'x2' Transite ceiling tiles	6th Floor, corridor	Chrysotile	5-25%
JWEL, 2000	SA-15	LCW pipe insulation	5th Floor, pipe chase	Chrysotile	5-25%
JWEL, 2000	SA-16	Parging cement	6th Floor, on transite pipe for central vacuum	Chrysotile Crocidolite	5-25% 25-50%
JWEL, 2000	SA-17	Parging on cork	7th Floor, air handling unit	Chrysotile	50-75%
JWEL, 2000	SA-18	Parging on cork	5th Floor, ductwork	Chrysotile	50-75%
JWEL, 2000	SA-21	LCW pipe insulation	2nd Floor, domestic cold water	Chrysotile	25-50%
JWEL, 2000	SA-22	Parging cement on fitting	2nd Floor, domestic hot water piping	Chrysotile	25-50%
JWEL, 2000	SA-23	Mag Block beneath fibreglass insulation	Basement east mechanical room, steam line	Chrysotile Amosite	5-25% 25-50%
JWEL, 2000	SA-24	Parging cement	Basement east mechanical room, air handling units	Chrysotile	50-75%
JWEL, 2000	SA-25	Brown insulation	Basement east mechanical room, air handling units	Chrysotile	50-75%
JWEL, 2000	SA-26	Parging cement	3rd Floor server room pipe chase	Chrysotile	50-75%
JWEL, 2000	SA-27	Aircell pipe insulation	Basement east mechanical room	Chrysotile	25-50%

Sampled By, Year	Sample ID	Material	Location	Asbestos Type	Asbestos content (%)
JWEL, 2000	SA-28	Mag Block	Basement east mechanical room, condensate tank	Chrysotile	50-75%
JWEL, 2000	SA-29	Parging cement	Basement east mechanical room, over Mag Block	Chrysotile	50-75%
GEC, 2007	SA-15a	12”x12” Vinyl floor tiles, red and green	Ground floor parking booth (loading dock)	Chrysotile	10%
GEC, 2007	SA-16a	Vinyl base border mastic	Ground floor parking booth (loading dock)	Chrysotile	2%

Table 2: Summary of building material sample results – DST (2013 and 2013/14), PLM Analysis

Sample ID	Material	Location	Asbestos Type	Asbestos content (%)
15816-01A	1’x1’ Cellulose ceiling tile mastic, brown	6th Floor, Office, Survey location (SL)#-1	n/d	n/a
15816-01B			n/d	n/a
15816-01C			n/d	n/a
15816-02A	Wall plaster, throughout building	6th Floor, Office, SL#-1	n/d	n/a
15816-02B		5th Floor, Office, SL#-71	n/d	n/a
15816-02C		4th Floor, Office, SL#-133	n/d	n/a
15816-02D		3rd Floor, Office, SL#-348	n/d	n/a
15816-02E		2nd Floor, Office, SL#-410A	n/d	n/a
15816-02F		1st Floor, West Washroom, SL#-488	n/d	n/a
15816-02G		Ground Floor, Office, SL#-536	n/d	n/a
15816-03A	Grey vinyl sheet flooring, generally observed beneath carpet	6th Floor, Office, SL#-1	n/d	n/a
15816-03B			n/d	n/a
15816-03C			n/d	n/a
15816-04A	Ceiling plaster, throughout building	6th Floor, Washroom, SL#-2	n/d	n/a
15816-04B		5th Floor, Washroom, SL#-53	n/d	n/a
15816-04C		4th Floor, Office, SL#-132	n/d	n/a
15816-04D		3rd Floor, Washroom, SL#-315A	n/d	n/a
15816-04E		2nd Floor, Washroom, SL#-406A	n/d	n/a
15816-04F		1st Floor, West Washroom, SL#-488	n/d	n/a
15816-04G		Ground Floor, Office, SL#-536	n/d	n/a
15816-05A	12”x12” Vinyl floor tiles, white with grey flecks	6th Floor, Storage, SL#-5	n/d	n/a
15816-05B			n/d	n/a
15816-05C			n/d	n/a
15816-06A	2’x2’ Ceiling tile	6th Floor, Office, SL#-8	n/d	n/a
15816-06B			n/d	n/a
15816-06C			n/d	n/a
15816-07A	Drywall joint compound (unique application)	6th Floor, Office, SL#-9	n/d	n/a
15816-07B			n/d	n/a
15816-07C		6th Floor, Office, SL#-8	n/d	n/a
15816-08A	Green vinyl sheet flooring	6th Floor, Office, SL#-14	n/d	n/a
15816-08B			n/d	n/a
15816-08C			n/d	n/a
15816-09A	Drywall joint compound –offices	6th Floor, Office, SL#-20	n/d	n/a
15816-09B			n/d	n/a
15816-09C			n/d	n/a

Sample ID	Material	Location	Asbestos Type	Asbestos content (%)
15816-10A	Column plaster, throughout building	6th Floor, Office, SL#-32	n/d	n/a
15816-10B		5th Floor, Office, SL#-49	n/d	n/a
15816-10C		4th Floor, Office, SL#-233	n/d	n/a
15816-10D		3rd Floor, Office, SL#-239	n/d	n/a
15816-10E		2nd Floor, Office, SL#-355	n/d	n/a
15816-10F		1st Floor, Office, SL#-441	n/d	n/a
15816-10G		Ground Floor, Storage, SL#-581	n/d	n/a
15816-11A	2'x4' Ceiling titles, pinholes with fissures	6th Floor, Office, SL#-34	n/d	n/a
15816-11B		6th Floor, Office, SL#-35	n/d	n/a
15816-11C			n/d	n/a
15816-12A	Stairwell plaster	6th Floor, Stairwell-2 (S-2)	n/d	n/a
15816-12B		5th Floor, Stairwell-1 (S-1)	n/d	n/a
15816-12C		4th Floor, Stairwell-2 (S-2)	n/d	n/a
15816-12D		3rd Floor, Stairwell-2 (S-2)	n/d	n/a
15816-12E		2nd Floor, Stairwell-3 (S-3)	n/d	n/a
15816-12F		1st Floor, Stairwell-1 (S-1)	n/d	n/a
15816-12G		Ground Floor, Stairwell-1 (S-1)	n/d	n/a
15816-13A	**12"x12" Vinyl floor tiles, beige with red streaks**	**6th Floor, west corridor, SL#-41**	**Chrysotile**	**8.1**
15816-13B			Not analysed – positive stop	
15816-13C			Not analysed – positive stop	
15816-14A	12"x12" Vinyl floor tiles, white with beige streaks	6th Floor, north corridor, SL#-42	n/d	n/a
15816-14B			n/d	n/a
15816-14C			n/d	n/a
15816-15A	12"x12" Vinyl floor tiles, white with beige streaks	6th Floor west, south corridor, SL#-44	n/d	n/a
15816-15B			n/d	n/a
15816-15C			n/d	n/a
15816-16A	Brown texture coat on concrete ceiling	7th Floor northwest, SL#-627	n/d	n/a
15816-16B			n/d	n/a
15816-16C			n/d	n/a
15816-17A	2'x4' Ceiling tiles	5th Floor, Office, SL#-47	n/d	n/a
15816-17B			n/d	n/a
15816-17C			n/d	n/a
15816-18A	Drywall joint compound, throughout main areas	5th Floor, Office area, SL#-47	n/d	n/a
15816-18B		5th Floor, Corridor, SL#-128	n/d	n/a
15816-18C		5th Floor, Office, SL#-47	n/d	n/a
15816-18D		4th Floor, washroom, SL#-203	n/d	n/a
15816-18E		3rd Floor, Office, SL#-278	n/d	n/a
15816-18F		2nd Floor, Office, SL#-381	n/d	n/a
15816-18G		1st Floor, Office, SL#-432	n/d	n/a
15816-19A	Purple vinyl sheet flooring	5th Floor, Office, SL#-51	n/d	n/a
15816-19B			n/d	n/a
15816-19C			n/d	n/a
15816-20A	12"x12" Vinyl floor tiles, blue	5th Floor, Office, SL#-60	n/d	n/a
15816-20B			n/d	n/a
15816-20C			n/d	n/a

Sample ID	Material	Location	Asbestos Type	Asbestos content (%)
15816-21A	Fibrous texture coat/wall paper over plaster walls	5th Floor, Office, SL#-92	n/d	n/a
15816-21B			n/d	n/a
15816-21C		5th Floor, Office, SL#-95	n/d	n/a
15816-22A	1'x1' wall and ceiling tiles	5th Floor, Mechanical, SL#-106	n/d	n/a
15816-22B			n/d	n/a
15816-22C			n/d	n/a
15816-23A	Texture coat on walls	5th Floor, Storage, SL#-83	n/d	n/a
15816-23B			n/d	n/a
15816-23C			n/d	n/a
15816-23D		Ground Floor, Storage, SL#-579	n/d	n/a
15816-23E			n/d	n/a
15816-23F		Basement, Parking Lot, SL#-604	n/d	n/a
15816-23G			n/d	n/a
15816-24A	2'x4' Ceiling tiles, pinhole (beneath 1'x1' Ceiling tiles)	4th Floor, Office, SL#-122	n/d	n/a
15816-24B			n/d	n/a
15816-24C			n/d	n/a
15816-25A	12"x12" Vinyl floor tiles, grey with grey streaks	4th Floor, Office, SL#-158	n/d	n/a
15816-25B			n/d	n/a
15816-25C			n/d	n/a
15816-26A	12"x12" Vinyl floor tiles, beige with beige streaks	4th Floor, Office, SL#187	n/d	n/a
15816-26B			n/d	n/a
15816-26C			n/d	n/a
15816-27A	12"x12" Vinyl floor tiles, white with faint grey	4th Floor, Office, SL#-230	n/d	n/a
15816-27B			n/d	n/a
15816-27C			n/d	n/a
15816-28A	1'x1' Acoustic ceiling tiles, grey with fissure pattern	3rd Floor, Office, SL#-275	n/d	n/a
15816-28B			n/d	n/a
15816-28C			n/d	n/a
15816-29A	**2'x4' Ceiling tiles, pinhole**	**3rd Floor, Office, SL#-300**	**Chrysotile**	**1.55**
15816-29B			Not analysed – positive stop	
15816-29C			Not analysed – positive stop	
15816-30A	2'x4' Inset ceiling tiles with squares	2nd Floor, Office, SL#-378	n/d	n/a
15816-30B			n/d	n/a
15816-30C			n/d	n/a
15816-31A	Cork and tar, radiator insulation	2nd Floor, freight elevator lobby, north window, SL#-405	n/d	n/a
15816-31B		2nd Floor, freight elevator lobby, north window, SL#-405	n/d	n/a
15816-31C			n/d	n/a
15816-32A	12"x12" Vinyl floor tiles, white with light grey/green specks	2nd Floor, Server Room, SL#-430	n/d	n/a
15816-32B			n/d	n/a
15816-32C			n/d	n/a
15816-33A	2'x4' Ceiling tiles, pinhole	Ground Floor, Office, SL#-553	n/d	n/a
15816-33B		Ground Floor, Office, SL#-554	n/d	n/a
15816-33C		Ground Floor, Office, SL#-555	n/d	n/a
15816-34A	2'x4' Ceiling tiles, pinhole with deep fissures	Ground Floor, Office, SL#-560	n/d	n/a
15816-34B			n/d	n/a
15816-34C			n/d	n/a

Sample ID	Material	Location	Asbestos Type	Asbestos content (%)
15816-35A	Tar layer associated with cork wall insulation (beneath concrete texture coat, 1st layer)	Ground Floor, Cold room, SL#-579	Chrysotile	<MDL
15816-35B			Chrysotile	<MDL
15816-35C			n/d	n/a
15816-36A	**Tar layer/strip on top of textured concrete wall**	**Ground Floor, Cold room, SL#-579**	**Chrysotile**	**4.2**
15816-36B			Not analysed – positive stop	
15816-36C			Not analysed – positive stop	
15816-37A	Door weather stripping	Ground Floor, Storage, SL#-579	n/d	n/a
15816-37B			n/d	n/a
15816-37C			n/d	n/a
15816-38A	Drywall joint compound	Ground Floor, Office, SL#-577	n/d	n/a
15816-38B			n/d	n/a
15816-38C			n/d	n/a
15816-38D		Ground Floor, Office, SL#565	n/d	n/a
15816-38E		Ground Floor, Office, SL#564	n/d	n/a
15816-39A	**12”x12” Vinyl floor tiles, white with large black streaks**	**Ground Floor, Office, SL#-584**	**Chrysotile**	**0.79**
15816-39B			Not analysed – positive stop	
15816-39C			Not analysed – positive stop	
15816-40A	12”x12” Vinyl floor tiles, beige with black flecks	Ground Floor, Elevator, SL#-594	n/d	n/a
15816-40B			n/d	n/a
15816-40C			n/d	n/a
15816-42A	**Exterior window caulking - Dormers**	**7th Floor, exterior small central roof**	**Chrysotile**	**3.3**
15816-42B			Not analysed – positive stop	
15816-42C			Not analysed – positive stop	
15816-43A	Tar paper on piping	2nd Floor, Pipe chase, SL#-411B	Chrysotile	<MDL
15816-43B			n/d	n/a
15816-43C			Chrysotile	<MDL
15816-44A	Grey linoleum	Ground Floor, Office, SL#-542A	n/d	n/a
15816-44B			n/d	n/a
15816-44C			n/d	n/a
15816-45A	Former Boiler Flue lining	Sub-basement, west mechanical room, SL#-622	n/d	n/a
15816-45B			n/d	n/a
15816-45C			n/d	n/a
15816-46A	**Exterior window caulking (all windows from the ground floor to the 6th floor)**	**5th Floor, exterior, south wing**	**Chrysotile**	**3.7**
15816-46B		5th Floor, exterior, west wall	Not analysed – positive stop	
15816-46C		6th Floor, exterior, south wall	Not analysed – positive stop	
15816-47A	Roofing material - gravel roofs/terraces asphalt/ Zonolite/ vapour barrier	5th Floor, south roof, west side	n/d	n/a
15816-47B		5th Floor, south roof, east side	Chrysotile	<MDL
15816-47C		6th Floor, central roof	n/d	n/a
15816-48A	Roofing material – Courtyards Asphalt/ fiberboard/ paper	1st Floor, west courtyard roof	n/d	n/a
15816-48B		1st Floor, west courtyard roof (raised section)	n/d	n/a
15816-48C		1st Floor, east courtyard roof	n/d	n/a
15816-49A	Roofing material - 7th floor Asphalt/ vapour barrier	7th Floor, exterior small central roof	n/d	n/a
15816-49B			n/d	n/a
15816-49C			n/d	n/a

Sample ID	Material	Location	Asbestos Type	Asbestos content (%)
15816-50A	Exterior mortar, main building	Ground floor, Loading dock area	n/d	n/a
15816-50B			n/d	n/a
15816-50C			n/d	n/a
15816-50D		Ground floor, Bay Street	n/d	n/a
15816-50E		Ground floor, Sparks Street	n/d	n/a
15816-50F		Ground floor, Lyon Street	n/d	n/a
15816-50G		Ground floor, Bay Street	n/d	n/a
15816-51A	Exterior mortar, granite perimeter wall with railing	Ground floor, Wellington Street	n/d	n/a
15816-51B			n/d	n/a
15816-51C		Ground floor, Sparks Street	n/d	n/a
15816-52A	Tar between metal paneled office dividing walls	5th Floor, between SL#s-112 and 113	n/d	n/a
15816-52B			Chrysotile	<MDL
15816-52C			n/d	n/a
15816-53A	Cementious material on the back of radiator	5th Floor, SL#-113	n/d	n/a
15816-53B			n/d	n/a
15816-53C			n/d	n/a
15816-54A	Tar paper above window, inside casing	5th Floor, SL#-113	n/d	n/a
15816-54B			n/d	n/a
15816-54C			n/d	n/a
15816-55A	Grey/green vinyl sheet flooring	3rd Floor, connecting walkway between East and West Memorial Buildings	n/d	n/a
15816-55B			n/d	n/a
15816-55C			n/d	n/a
15816-56A	Grey concrete scratch coat, walls	Sub-basement steam tunnel connecting East and West Memorial Buildings	n/d	n/a
15816-56B			n/d	n/a
15816-56C			n/d	n/a
15816-57A	Mortar associated with exterior brick (between interior terracotta and outer stone), throughout	5th Floor, SL#-111	n/d	n/a
15816-57B		5th Floor, SL#-112	n/d	n/a
15816-57C		5th Floor, SL#-113	n/d	n/a
15816-58A	Marble wall panel bedding mortar	1st Floor, SL#-547	n/d	n/a
15816-58B			n/d	n/a
15816-58C			n/d	n/a
15816-59A	White fibrous insulating material, radiator, under metal sheeting	7th Floor, upper section of Stairwell 4 (S4)	n/d	n/a
15816-59B			n/d	n/a
15816-59C			n/d	n/a

Bold items exceed the 0.5% regulated concentration of asbestos, as per O.Reg. 278/05 and PWGSC DP-057 as amended.
SL# = Survey Location Number MDL = Method Detection Limit (0.5%) n/d = none detected, n/a = not applicable

Table 3: Summary of building material sample results – DST (2013 and 2013/14), TEM Analysis

Sample ID	Material	Asbestos Type	Asbestos content (%)
15816-01A	1'x1' Cellulose brown ceiling tile mastic	n/d	n/a
15816-02A	Wall plaster, throughout	n/d	n/a
15816-03A	Grey vinyl sheet flooring beneath carpet	n/d	n/a
15816-04A	Ceiling plaster, throughout	n/d	n/a
15816-05A	12"x12" Vinyl floor tiles, white with grey flecks	n/d	n/a
15816-07A	Drywall joint compound	n/d	n/a
15816-08A	Green vinyl sheet flooring	n/d	n/a
15816-09A	Drywall joint compound – ceilings of offices	n/d	n/a

Sample ID	Material	Asbestos Type	Asbestos content (%)
15816-10A	Column plaster, throughout	n/d	n/a
15816-12A	Stairwell plaster	n/d	n/a
15816-14A	12”x12” Vinyl floor tiles, white with beige streaks	n/d	n/a
15816-15A	12”x12” Vinyl floor tiles, white with beige streaks	n/d	n/a
15816-16A	Brown texture coat on concrete ceiling	n/d	n/a
15816-18A	Drywall joint compound, throughout main areas	n/d	n/a
15816-19A	Purple vinyl sheet flooring	n/d	n/a
15816-20A	12”x12” Vinyl floor tiles, blue	n/d	n/a
15816-21A	Fibrous texture coat/wall paper over plaster walls	n/d	n/a
15816-23A	Texture coat on walls	n/d	n/a
15816-25A	12”x12” Vinyl floor tiles, grey with grey streaks	n/d	n/a
15816-26A	12”x12” Vinyl floor tiles, beige with beige streaks	n/d	n/a
15816-27A	12”x12” Vinyl floor tiles, white with faint grey	n/d	n/a
15816-31A	Cork and tar	n/d	n/a
15816-32A	12”x12” Vinyl floor tiles, white with light grey/green specks	n/d	n/a
15816-35A	Cork with tar	n/d	n/a
15816-37A	Door weather stripping	n/d	n/a
15816-38A	Drywall joint compound	n/d	n/a
15816-40A	12”x12” Vinyl floor tiles, beige with black flecks	n/d	n/a
15816-43A	Tar paper on piping	n/d	n/a
15816-44A	Grey linoleum	n/d	n/a
15816-45A	Flue lining	n/d	n/a
15816-47A	Roofing material - gravel roofs/terraces (3 layers)	n/d	n/a
15816-48A	Roofing material – courtyards (3 layers)	n/d	n/a
15816-49A	Roofing material - 7th floor (3 layers)	n/d	n/a
15816-50A	Exterior mortar - Main Building (3 layers)	n/d	n/a
15816-51A	Exterior mortar - granite perimeter wall	n/d	n/a
15816-52A	Tar between metal paneled office dividing walls	n/d	n/a
15816-53A	Cementious material on the back of radiator	n/d	n/a
15816-54A	Tar paper above window, inside casing	n/d	n/a
15816-55A	Grey/green vinyl sheet flooring	n/d	n/a
15816-56A	Grey concrete scratch coat, walls	n/d	n/a
15816-57A	Mortar associated with exterior brick (between interior terracotta and outer stone), throughout	n/d	n/a
15816-58A	Marble wall panel bedding mortar	n/d	n/a

n/d = none detected, n/a = not applicable

2.1 Basement Slab Investigation

Following the completion of Utility Locate Scans, two (2) 14” diameter (46 cm) cores holes were drilled into the basement floor slab in the area where new footings are anticipated to be located for additional floors within the west courtyard (on the north and south sides of the anticipated footings, in the parking lot area).

The cores revealed one (1) layer of concrete comprising the slab that was approximately 7”-8” (18-20 cm) thick. The concrete slab had been poured directly onto a compacted granular fill layer that was in turn applied to larger diameter stones/rocks. No potentially asbestos-containing vapour barrier or tar product was identified in the areas where these investigations were performed.

2.2 Concrete Block Investigation

DST performed an investigation into the potential presence of concrete blocks containing vermiculite, that may impact the proposed renovations. Based on numerous observations throughout the building, no concrete blocks were identified. The walls are generally constructed of interior plaster on terracotta block, a void, brick and mortar, then exterior stone. As such, no concrete blocks containing vermiculite are suspected to be present within the building, based on the limited number of destructive openings investigated as part of the survey.

2.3 Asbestos-Containing Materials

The following section provides a consolidated narrative summary of confirmed friable and non-friable ACMs identified at the West Memorial Building based on limited visual observations and bulk sampling (as summarized in Tables 1, 2 and 3) during the DSS, the destructive investigation and previous site assessments. For detailed information regarding the specific location, asbestos type, quantity and condition with associated PWGSC Departmental Policy (DP):057 Action Matrix rank, refer to the Room-by-Room ACM database, included in Appendix C.

The following **friable** ACMs were identified in the building:

1. Parging cement associated with pipe fittings (including, but not limited to, pipe elbows, hangers, tees, end-caps and reducers) containing 50-75% Chrysotile (JWEL 2000 Sample 02), are present in generally unconcealed areas throughout the basement levels and the 7th and 9th floors. Pipe fittings with parging cement are also present on the ground floor and floors 1 – 6 in the following locations:
    - Concealed and accessible pipe chases and shafts;
    - Concealed stack pipe interior columns;
    - Concealed above solid ceilings;
    - Concealed inside walls supplying washrooms and janitor closets;
    - Concealed in structural columns, and wall/ceiling cavities supplying perimeter radiators throughout the floors. Generally, every room that contains a perimeter radiator has concealed pipe fittings above the window installed above that radiator, that connects the radiator on the floor directly above to the nearby radiator riser. The vast majority of radiator risers are located inside columns that contain a structural steel column, that is encased interior wall finishes (behind plaster and terracotta) ;
    - Concealed inside interior structural columns on the Ground Floor, that are directly below the radiators on the floors above that are located in rooms that overlook the courtyards; and
    - Concealed inside bulkheads where upper wall-mounted heaters are present.

    All pipe fittings with parging cement were observed to be in generally good condition, with the exception of approximately ten (10) fittings in poor condition, observed above the solid plaster ceiling in Survey location 47, 5th floor.
2. Parging cement beneath canvas and lagging on mechanical ducting containing 50-75% Chrysotile (JWEL 2000 Sample 25) is present on various accessible sections of supply/return ductwork within select basement mechanical and storage rooms, on the 7th floor and in Survey location 587 on the ground floor. It is also predominately associated with wide-diameter ductwork in random concealed locations of the building. However, this same ACM was also identified on smaller diameter ductwork in two other areas of the building. All other ducting observed through representative openings were uninsulated. Parging on cork insulation on ductwork was observed in the following concealed areas:

- Concealed above asbestos-containing transite ceiling tiles in the north corridor (spanning west to east) on the 5th Floor, and above transite ceiling tiles, a women's washroom, an adjacent kitchen area and an adjacent office area on the 6th floor;
- Extending from a visible section of parging on cork running from Survey Location 587 into the ceiling, and connecting to a shaft adjacent to the guard booth that traverses down a vertical shaft associated with Survey Location 616A; and
- Exposed and concealed beneath foil over non-asbestos containing fibreglass insulation, running from a shaft in Survey Location 573, across Survey locations 572 and 471, where it rises up to an exterior vent positioned on the northwest corner of the west courtyard, at 1st Floor level.

Approximately 10 square metres (m²) of poor condition parging and approximately 2 m² of parging debris was observed on the plaster ceiling surface above Survey location 27 and 28. Approximately 5 m² of parging debris was observed on the plaster ceiling surface above Survey location 30. All other visible instances of parging on ductwork were observed to be in good condition.

3. Parging cement on the outside of Air Handling Units and associated ducting containing 50-75% Chrysotile (JWEL 2000 Sample 24), is present in the east main mechanical room, on the basement level (Survey Location 611). This material was observed to be in good condition in the accessible areas surveyed.
4. ACM pipe insulations, including Aircell pipe insulation containing 25-50% Chrysotile (JWEL 1997 Sample 001), Magnesia (Mag) Block pipe insulation containing 25-50% Amosite and 5-25% Chrysotile (JWEL Sample 03), and Layered Cardboard Wrap (LCW) pipe insulation containing 25-50% Chrysotile (JWEL Sample 05) are present in generally unconcealed areas throughout the basement levels and the 7th and 9th floors. ACM-insulated piping is also present on the ground floor and floors 1 – 6:
    - Concealed and accessible pipe chases and shafts;
    - Concealed stack pipe interior columns;
    - Concealed above solid ceilings;
    - Concealed inside walls supplying washrooms and janitor closets;
    - Concealed in structural columns, and wall/ceiling cavities supplying perimeter radiators throughout the floors. Generally, every room that contains a perimeter radiator has asbestos-containing pipe insulation above the window installed above that radiator, that connects the radiator on the floor directly above to the nearby radiator riser. The vast majority of radiator risers are located inside columns that contain a structural steel column that is encased with brick. Generally every second building column contains vertical runs of asbestos-containing pipe insulation.
    - Concealed inside interior structural columns on the Ground Floor, that are directly below the radiators on the floors above that are located in rooms that overlook the courtyards; and

    Minor quantities of poor condition ACM piping were observed in concealed locations only. A cardboard box containing Aircell debris was also observed on the 7th floor (Survey Location 634B). All other instances of ACM piping were observed to be in fair to good condition in the accessible areas surveyed.
5. Concealed light heat shields associated with incandescent light fixtures containing 25-50% Chrysotile (JWEL Sample 06) are suspected to be present throughout the basement levels. The quantities and conditions could not be verified.
6. Concealed and inaccessible linings associated with fire doors and safe door linings are suspected to be present in select areas throughout the building (suspected ACM).

7. Thermal insulation on the internal gaskets associated with mechanical equipment throughout the building (where they exist) (suspect ACM).

The following confirmed and suspected **non-friable** ACMs were identified in the building:

1. 2'x4' Lay-in acoustic ceiling tiles with pinholes, containing 1.55% Chrysotile (DST Sample 29A), are present in three (3) office areas on the 3rd floor (Survey Locations 300-302), in good condition. These ceiling tiles were not observed in any other areas surveyed.
2. 12"x12" Vinyl Floor Tiles (VFT), beige with red streaks, containing 8.1% Chrysotile (DST Sample 13A) are present in the corridor areas of the building spanning from the ground floor to the 6th floor. These VFTs were all observed in good condition, and were not observed in any other locations.
3. 12"x12" VFT, white with large black streaks, containing 0.79% Chrysotile (DST Sample 39A) are present in a storage room on the ground floor only, in good condition (Survey Location 584).
4. 12"x12" VFT, red and green, containing 10% Chrysotile and vinyl baseboard mastic containing 2% Chrysotile (GEC 2007 Samples 15a and 16a respectively) are present in the loading dock guard booth on the ground floor only, in good condition (Survey Location 647).
5. 2'x2' Transite ceiling tiles with pinholes containing 25-50% Chrysotile (JWEL 1997 Sample 006) are present in the corridor areas of the building spanning from the ground floor to the 6th floor.
6. Transite piping containing 5-25% Chrysotile and 25-50% Crocidolite (JWEL 2000 Sample 16) is present in select areas of the building, and in all east and west electrical rooms spanning from the ground to the 6th floor. All instances of transite piping were observed to be in good condition. It is suspected that residual transite piping associated with the decommissioned internal vacuum system may be present in concealed, inaccessible areas. Transite may also be present inside electrical transformer units/electrical boxes that may not have been visible or apparent as electricity was live in the building at the time of the site investigations.
7. A layer of tar on top of textured wall coat containing 4.2% Chrysotile (DST Sample 36A) is present in the former walk-in cold room on the ground floor (Survey location 579).
8. Window caulking on the upper dormer windows and on all windows spanning from the ground to the 6th floors contains 3.2% and 3.7% Chrysotile respectively. There is approximately nine (9) linear metres of caulking on each window. All instances of window caulkings were observed to be in good condition.
9. Multiple caulking applications on the joints between metal roofs and parapets and stone masonry are assumed to contain asbestos. Bulk sampling was not performed due to the difficulty in delineating the different types of caulking applications that have been used.
10. Cast iron drainpipe joint caulking in bell fittings (suspect ACM), present throughout the building.

Table 4 provides an overview of the approximate quantities of visible and accessible ACMs within the building for ACMs that are designated as Access (A) – Exposed and within reach from floor level, Access (B) – Frequently entered areas by maintenance personnel, within reach without a ladder, and Access (C) – Exposed and Access (C) - Concealed. Access (C) Exposed includes areas of the building accessible by a ladder only. Access (C) - Concealed includes areas of the building which require removal of a building component, including lay-in ceiling tiles and access panels into solid ceiling systems:

Table 4: Overview of Approximate Quantities of Visible and Accessible ACMs

	Approximate Total By Floor - Exposed and Accessible ACMs												Approximate Total for Building	Unit
Material	**Sub-Bsmt**	**Bsmt**	**Ground**	**1st**	**2nd**	**3rd**	**4th**	**5th**	**6th**	**7th**	**8th**	**9th**		
Pipe insulation	1,435	3,157	125	203	83	66	118	91	61	1,217	0	45	**6,601**	Linear metres
Parging on pipe fittings	915	1,580	88	96	49	34	100	60	50	495	0	22	**3,489**	Each
Parging on ductwork	0	370	30	0	0	0	0	0	0	21	0	0	**421**	Square metres
Parging on AHUs	0	240	0	0	0	0	0	0	0	0	0	0	**240**	Square metres
Vinyl Floor Tiles	0	0	152	650	650	650	650	600	345	0	0	0	**3,697**	Square metres
2'x4' Ceiling tiles	0	0	0	0	0	52	0	0	0	0	0	0	**52**	Square metres
Transite ceiling tiles	0	0	100	790	650	650	650	600	600	0	0	0	**4,040**	Square metres
Transite piping	0	6	12	12	12	12	12	12	12	3	0	0	**93**	Linear metres
Window caulking	0	0	65	135	147	150	147	100	100	32	10	6	**892**	Each
Light heat shields	2	4	0	0	0	0	0	0	0	0	0	0	**6**	Each
Tar applications	0	0	20	0	0	0	0	0	0	0	0	0	**20**	Square metres
Vinyl base border mastic	0	0	10	0	0	0	0	0	0	0	0	0	**10**	Square metres

Table 5 provides an overview of the approximate quantities of concealed and inaccessible ACMs within the building for ACMs that are designated as Access (D) – Areas of the building behind inaccessible solid building finishes, where demolition of the solid building finish is required to reach the ACM:

Table 5: Overview of Approximate Quantities of Concealed and Inaccessible ACMs

	Approximate Total By Floor - Concealed and Inaccessible ACMs (Assumed Present)												Approximate Total for Building	Unit
Material	**Sub-Bsmt**	**Bsmt**	**Ground**	**1st**	**2nd**	**3rd**	**4th**	**5th**	**6th**	**7th**	**8th**	**9th**		
Pipe insulation	0	503	3,737	1,850	2,009	2,134	2,019	1,609	306	0	0	0	**14,167**	Linear metres
Parging on pipe fittings	0	147	2,155	1,283	1,382	1,405	1,040	1,046	168	0	0	0	**8,626**	Each
Parging on ductwork	0	30	110	0	0	0	0	60	67	0	0	0	**267**	Square metres
Safe and Fire doors	0	0	5	0	0	0	1	0	1	0	0	0	**7**	Square metres

2.4 Non-Asbestos-Containing Materials

Based on the analytical results of bulk samples collected during this assessment, as indicated in Tables 2 and 3, the following materials **do not contain** regulated concentrations of asbestos within the West Memorial Building:

1. Plaster materials, including but not limited to: wall, ceiling, column, stairwell, and/or other plaster finishes and applications (DST Sample Series 02A-G, 04A-G, 10A-G and 12A-G);
2. Drywall joint compound applications (DST Sample Series 07A-C, 09A-C, 18A-G and 38A-E);
3. 1'x1' Cellulose brown ceiling tile mastic (DST Samples 01A-C);
4. The following vinyl sheet flooring/ linoleum:
    - Grey vinyl sheet flooring/ linoleum beneath carpeting in the majority of office areas (DST Sample 03A-C);
    - Green vinyl sheet flooring in safe area (DST Samples 08A-C);
    - Purple vinyl sheet flooring in office areas (DST Samples 19A-C);

- Grey linoleum in 1st floor office (DST Samples 44A-C); and
- Grey/green vinyl sheet flooring/linoleum on the 3rd floor connecting walkway between the West and East memorial Buildings (DST Sample 55 A-C).

5. The following 12"x12" Vinyl Floor Tiles:
   - White with grey specks – 6th floor office areas (DST Samples 05A-C);
   - White with beige streaks – 6th floor north corridor (DST Samples 14A-C);
   - White with beige streaks – 6th floor north corridor (DST Samples 15A-C);
   - Blue – 5th floor office areas (DST Samples 20A-C);
   - Grey with grey streaks – 4th floor office areas (DST Samples 25A-C);
   - Beige with beige streaks - 4th floor office areas (DST Samples 26A-C);
   - White with faint grey streaks- 4th floor office areas (DST Samples 27A-C); and
   - Beige with black flecks and black – interior of elevators DST Samples 40A-C).
6. The following lay-in suspended acoustic ceiling tiles:
   - 2'x2' Ceiling tiles – 6th floor office areas (DST Samples 06A-C);
   - 2'x4' Ceiling tiles, pinholes with fissures – 6th floor office areas (DST Samples 11A-C);
   - 2'x4' Ceiling tiles, pinholes with fissures – 5th floor office areas (DST Samples 17A-C);
   - 2'x4' Ceiling tiles, pinholes with fissures – 4th floor office areas (DST Samples 24A-C);
   - 1'x1' Ceiling tiles, grey with fissure pattern – 3rd Floor (DST Samples 28A-C);
   - 2'x4' Inset ceiling tiles with squares – 2nd Floor office areas (DST Samples 30A-C);
   - 2'x4' Ceiling tiles, pinholes – ground floor office areas (DST Samples 33A-C); and
   - 2'x4' Ceiling tiles, pinholes and deep fissures– ground floor office areas (DST Samples 34A-C).
7. Brown texture coat on concrete sloped ceilings, 7th floor (DST Samples 15A-C).
8. Fibrous texture coat/ wall paper over plaster walls, 5th floor offices (DST Samples 21A-C).
9. Textured coating on walls – throughout building (DST Samples 23A-G).
10. Tar adhering cork insulation inside perimeter radiators, throughout building (DST Samples 31A-C).
11. Tar adhering cork insulation Survey location 579 (DST Samples 35A-C).
12. Weather stripping on door to Survey Location 579 (DST Samples 37A-C);
13. Tar paper on pipe runs, 2nd – 4th Floor pipe chases (DST Samples 43A-C);
14. Lining of flue for former boiler, east sub-basement mechanical room (DST Samples 45A-C);
15. Roofing materials associated with flat roofs, including asphalt roofs, gravel roofs and gravel terraces (DST Samples 47 A-C, 48 A-C and 49 A-C).
16. Masonry mortars associated with all interior brick and mortar, and exterior brick and stone (including the building's perimeter wall) (DST Samples 50 A-G, 51 A-C and 57 A-C).

17. Tar between metal paneled office dividing walls throughout building (DST Samples 52 A-C).
18. A cementious material on the back of all radiators throughout the building (DST Samples 53 A-C).
19. A tar paper above all windows throughout the building, inside the casing (DST Samples 54 A-C).
20. A grey concrete scratch coat material on the walls of the Sub-basement steam tunnel connecting East and West Memorial Buildings (DST Samples 56 A-C).
21. Marble wall panel bedding mortar, sampled from a pre-existing opening on the 1st floor (DST Samples 58 A-C).
22. A White fibrous insulating material associated with radiators, under metal sheeting, sampled on the 7th Floor, upper section of Stairwell 4 (S4) (DST Samples 59 A-C).

In addition to the above, no sampling was performed for the following materials, which are not suspected of containing asbestos:

1. 1'x1' Cellulose ceiling tiles;
2. 2'x4' Lay-in acoustic tiles with manufacturer stamps indicating they were made from 1992 onwards;
3. Canvas duct joints in mechanical rooms; and
4. Blue and black foam, and fibreglass with canvas insulating products.

Although every attempt was made to look above false ceilings and into wall cavity hatches, some ACMs may be concealed and thus not observed at the time of the survey. Although the survey program included a destructive, intrusive investigation for concealed materials, DST cannot confirm materials that may be concealed beneath or above existing interior or exterior solid building material finishes that may not have been visible or apparent at the time of the site investigation. In addition, no investigations were performed below/beneath the copper roofing on the building. As such, concealed ACMs may be present below all copper roofing systems.

Although every attempt was made to look beneath existing floor finishes, old floor finishes may exist under current finishes that may not have been accessible or visible at the time of the site visit. If additional old floor finishes are encountered during future work, these materials should be assumed to contain asbestos, unless laboratory sampling proves otherwise.

Should any previously unidentified suspect ACMs be encountered as part of future work, these materials are to be treated as ACMs and handled accordingly, unless sampling proves otherwise. Materials that have not been analyzed, but are visibly similar to other materials identified as asbestos-containing, must be considered asbestos-containing unless proven otherwise by laboratory analysis.

Materials that are visually similar to materials confirmed to contain asbestos should be treated as asbestos-containing materials, unless proven otherwise by laboratory analysis.

2.5 Asbestos Recommendations

Appropriate asbestos abatement practices should be followed, including the use of proper respiratory protection and ventilation if asbestos-containing materials (ACMs) are disturbed, as per *O.Reg 278/05*, as amended and *PWGSC Departmental Policy 057 – Asbestos Management (PWGSC DP-057).* In the event of conflict between DP-057 and *O.Reg 278/05, as amended*, the more stringent shall apply.

The removal or disturbance of one square metre or less of friable asbestos containing materials must be conducted using a minimum of Type 2 asbestos work procedures. The removal or disturbance of more than one square metre of friable asbestos-containing materials must be conducted using Type 3 asbestos work procedures. Type 3 asbestos abatement

operations performed in occupied buildings require daily asbestos air monitoring outside of each asbestos work area, as per PWGSC DP-057. It should be noted that the removal of good condition asbestos-containing pipe insulation and pipe fitting insulation can be conducted using Type 2 glove bag procedures, provided the material is in good condition, and a proper seal can be maintained.

As per O.Reg 278/05, the removal of ceiling tiles that are asbestos-containing, if the tiles cover an area less than 7.5 square metres and are removed without being broken, cut, drilled, abraded, ground, sanded or vibrated can be conducted using Type 1 asbestos precautionary measures. The removal of ceiling tiles that are asbestos-containing, if the tiles cover an area of 7.5 square metres or more and are removed without being broken, cut, drilled, abraded, ground, sanded or vibrated must be conducted using Type 2 asbestos precautionary measures, as a minimum. As per PWGSC DP 057, the removal of ten or less asbestos-containing ceiling tiles can be conducted using Type 1 asbestos precautionary measures. The removal of more than ten asbestos-containing ceiling tiles must be conducted using a minimum of Type 2 asbestos procedures.

Light heat shields can be removed under Type 1 precautionary measures, provided they are in good condition and can be removed intact using hand tools. If these conditions cannot be met, more stringent conditions will apply.

Fire doors and safe doors that are suspected of containing asbestos-containing linings can either be investigated and sampled using appropriate asbestos precautionary measures before disposal, or be assumed to be asbestos-containing, removed using Type 1 asbestos procedures, and disposed of accordingly.

The thermal insulation on the internal gaskets associated with mechanical equipment throughout the building (where they exist) are considered suspect ACMs. Sampling of these materials should be performed to establish whether asbestos is present prior to any disturbance. Should sampling identify regulated concentrations of asbestos, the removal of the thermal insulation on the gasket linings should be performed adhering to Type 1 work procedures, provided the material is wetted prior to removal, and can be removed intact. If these conditions cannot be met, more stringent work procedures will apply.

The removal or disturbance of non-friable ACMs can be conducted using a minimum of Type 1 asbestos work procedures, provided the material is wetted to control the spread of dust or fibres, and the work is done only by means of non-powered hand-held tools. If these conditions cannot be met, then more stringent (Type 2 or Type 3) work procedures are required.

Prior to removal, sampling of suspect non-friable or friable ACMs should be performed to establish whether asbestos is present prior to any disturbance. Should sampling identify regulated concentrations of asbestos, the removal of material should be performed adhering to Type 1 work procedures, provided the material is wetted prior to removal, and can be removed intact. If these conditions cannot be met, more stringent work procedures will apply. Alternatively, the materials can be assumed to contain asbestos, and removed accordingly in accordance with provincial and federal requirements.

The "General – Waste Management" *O.Reg 347/90* governs the disposal of waste containing asbestos. The waste must be disposed at a licensed waste disposal site.

Requirements for allowable asbestos exposure levels, as outlined in the Ontario Occupational Health and Safety Act's "Designated Substances" *O.Reg 490/09*, as amended must be met.

3.0 LEAD

Lead is suspected to be present in the following materials/equipment throughout the West Memorial Building:

- Solder on the joints of copper piping;

- Ceramic tile glazing;
- Terrazzo floor slab joints;
- Emergency light batteries;
- Miscellaneous equipment batteries;
- Cast iron drain pipe joint caulking; and
- Exterior solder associated with roofing materials.

No bulk sampling of paints or other surface coatings was performed by DST during the DSS assessment. A review of the previous survey reports for the building revealed that a comprehensive sampling of the vast majority of paints and surface coatings has already been performed. Table 6 summarizes the analytical results of paint samples collected during previous assessments:

Table 6: Previous analytical results of paints sampled for lead content (JWEL, 1997 and 2000 and GEC, 2008)

Sampled by, Year	Sample ID	Paint Description	Location	Lead Content (ppm)
JWEL, 1997	001	Beige	7th Floor, steel structure	4,860
JWEL, 1997	002	Light green	7th Floor, door and door frame paint	14,600
JWEL, 1997	003	Beige	7th Floor, wall	2,330
JWEL, 1997	004	Yellow	7th Floor, floor lines	26,500
JWEL, 1997	005	Beige	6th Floor, wall	518
JWEL, 1997	006	Grey	Basement east side door to garage	3,660
JWEL, 1997	007	Yellow	Basement floor lines	27,300
JWEL, 1997	008	Red	Basement firehose cabinet	25,700
JWEL, 1997	009	Beige	1st Floor, wall	1,160
JWEL, 1997	015	White	Interior window frame paint	38,600
JWEL, 1997	016	Brown	Exterior window frame paint	1,490
JWEL, 2000	SL-01	Grey	Basement Room B18, floor	3,600
JWEL, 2000	SL-02	Green	Basement Room B18, wall	3,570
JWEL, 2000	SL-03	White	8th Floor, wall	1,310
JWEL, 2000	SL-04	Green	8th Floor, wall	1,380
JWEL, 2000	SL-05	Green	7th Floor, wall	38,900
JWEL, 2000	SL-06	Green	7th Floor, door frame	4,170
JWEL, 2000	SL-07	Cream	5th Floor, wall	992
JWEL, 2000	SL-08	Green	6th Floor, wall	1,840
JWEL, 2000	SL-09	Off-white	6th Floor, wall	2,030
JWEL, 2000	SL-10	Grey	6th Floor, Room 6141 floor	11,600
JWEL, 2000	SL-11	Light blue	6th Floor, wall	192
JWEL, 2000	SL-12	Brown	Exterior window and door frames	34,500
JWEL, 2000	SL-13	White	4th Floor, wall	673
JWEL, 2000	SL-14	Yellow and Grey	Basement east mechanical room, floor	38,800

Sampled by, Year	Sample ID	Paint Description	Location	Lead Content (ppm)
JWEL, 2000	SL-15	Yellow	Basement west mechanical room, wall	4,020
GEC, 2008	LS-01	White	1st Floor, wall	425
GEC, 2008	LS-02	Beige	1st Floor, wall	<50
GEC, 2008	LS-03	Green	Basement, wall	2,220
GEC, 2008	LS-04	Brown	Basement, door and trim	<50
GEC, 2008	LS-05	Beige	Basement, wall	471
GEC, 2008	LS-06	Grey	Basement, floor	283
GEC, 2008	LS-07	Yellow	Basement – Floor (Parking Lines / Curb)	46,200
GEC, 2008	LS-08	Light Grey	Basement – Wall	12,300
GEC, 2008	LS-09	Red	Basement – Wall & Fire Hose Casing	6,730
GEC, 2008	LS-10	Dark Green	Basement – Wall	824
GEC, 2008	LS-11	Blue	Basement – Floor	3,940
GEC, 2008	LS-12	Light Beige	Basement – Wall	1,850
GEC, 2008	LS-13	White	2nd Floor – Window Paint	1,580
GEC, 2008	LS-14	Brown	2nd Floor – Door Trim	688
GEC, 2008	LS-15	Yellow	2nd Floor – Wall	1,370
GEC, 2008	LS-16	Blue	2nd Floor – Wall	1,350
GEC, 2008	LS-17	Purple	2nd Floor – Wall	1,500
GEC, 2008	LS-18	Dark Red	6th Floor – Wall	<50
GEC, 2008	LS-19	Dark Green	6th Floor – Wall	1,110
GEC, 2008	LS-20	Light Green	4th Floor – Wall	<50
GEC, 2008	LS-21	White	7th Floor - Window Sill & Metal Beams	345
GEC, 2008	LS-22	Light Beige	7th Floor – Wall	2,360
GEC, 2008	LS-23	Light Green	7th Floor – Wall & Equipment	21,800

All paint samples collected from the building during previous assessments were identified as containing detectable concentrations of lead, or concentrations of lead exceeding the 90 ppm limit established by the Canada Consumer Products Safety Act's Surface Coating Materials Regulations SOR/2005-109, as amended. All interior and exterior paints, as well as all other surface coatings (e.g., coatings on structural steel) are considered as lead-containing.

Through on-site discussions with the PWGSC representative, a poor condition lead paint clean-up had reportedly been performed prior to PWGSC taking ownership of the property. Despite this, there are numerous minor areas of poor condition paints, predominantly due to the building being vacant and the building envelope being breeched by water intrusions.

With regards to lead in mortar, five (5) samples of exterior mortar were collected during a previous assessment and analysed for lead-content. DST also collected three (3) bulk samples of mortar and submitted them for lead content (ppm) analysis. Table 7 summarises the analytical results of mortar sampled by DST at the West Memorial Building:

Table 7: Analytical results of lead in mortar samples

Sampled by, Year	Sample ID	Description	Location	Lead Content (ppm or µg/g)
JWEL, 1997	**010**	**Mortar**	**Exterior, NW corner, vertical**	**78,880**
JWEL, 1997	**011**	**Mortar**	**Exterior, NW corner, horizontal**	**88,500**
JWEL, 1997	**012**	**Mortar**	**Exterior, SW corner, vertical**	**71,500**
JWEL, 1997	**013**	**Mortar**	**Exterior, SE corner, horizontal**	**36,300**
JWEL, 1997	**014**	**Mortar**	**Exterior, SE corner, vertical**	**35,200**
DST, 2013	**LM-01**	**Mortar**	**Main building, Exterior stone façade**	**12,200**
DST, 2013	**LM-02**	**Mortar**	**Perimeter granite wall with handrail**	**206**
DST, 2014	LM-03	Mortar	Main building brick wall, interior/back end	4

Bold items exceed the 90 ppm limit for lead, as per Canada Consumer Product Safety Act's *Surface Coating Materials Regulations SOR/2005-109, as amended by the Hazardous Products Act (SOR/2010-224)*

Based on the analytical results of bulk samples collected and as identified in Table 7, all exterior mortars and grouts throughout the building contain detectable concentrations of lead. Although one bulk sample (Sample LM-03) of interior/back end mortar associated with the brick walls that comprise the building contains a lead-content below the 90 ppm limit (as per the Hazardous Products Act referenced below), there may be a potential for exposure to high levels of lead depending on the activities performed that disturb the lead-containing materials, even at low lead concentrations. Conducting a risk assessment to assess the potential for exposure should be performed to determine the need to follow procedures such as those in the MoL guideline referenced below. All mortar applications are assumed to contain detectable concentrations of lead, unless further delineation, bulk sampling and laboratory analysis proves otherwise.

3.1 Lead Recommendations

The Occupational Health and Safety (OHS) Branch of the Ontario Ministry of Labour (MoL) has published the document entitled "*Guideline: Lead on Construction Projects*". This document classifies the disturbance of materials containing lead as Type 1, Type 2a, Type 2b or Type 3a Type 3b work, and assigns different levels of respiratory protection and work procedures for each classification. These procedures should be followed when performing work involving the disturbance of lead-containing materials.

Although the Canada Consumer Products Safety Act's *Surface Coating Materials Regulations SOR/2005-109*, as amended by the Hazardous Products Act (SOR/2010-224), has set a limit of 90 parts per million (ppm) for surface coating materials, there may be a potential for exposure to high levels of lead depending on the activities performed that disturb the lead-containing materials, even at low lead concentrations. Conducting a risk assessment to assess the potential for exposure should be performed to determine the need to follow procedures such as those in the MOL guideline referenced above. As an example, greater precautionary measures must be implemented for work procedures that create a higher risk of worker exposure to lead (e.g. sanding or grinding operations that have a higher risk of generating airborne lead-containing dust).

Requirements for allowable lead worker exposure levels, as outlined in the Ontario Occupational Health and Safety Act's "Designated Substances" *O.Reg 490/09*, as amended, must be met.

The *Ontario General – Waste Management Regulation, O.Reg 347* governs the disposal of waste containing lead. The *Federal Transportation of Dangerous Goods Act* controls the transport of the waste to a disposal site. At the request of PWGSC, no paint sampling and associated substrate sampling was performed for lead leachate testing. The disposal of construction waste containing lead is dependent on leachate testing, as governed by O. Reg. 347.

4.0 MERCURY

Fluorescent light tubes that contain mercury vapour were observed within the building. A table providing the approximate quantities of mercury-containing fluorescent light tubes on a floor-by-floor basis is included in Appendix D. Mercury is also suspected present within electrical switches, gauges, thermostats, thermometers and batteries associated with mechanical equipment within the building.

4.1 Mercury Recommendations

If mercury-containing equipment is removed or relocated, requirements for allowable exposure levels, as outlined in the Ontario Occupational Health and Safety Act's *Regulation 844* as amended by *Regulation 490/00,* must be met. In addition, the OHS Branch of the Ontario MoL publication *The Safe Handling of Mercury: A Guide for the Construction Industry*, should be followed during the disturbance of materials containing mercury.

Mercury waste is considered a hazardous waste under *Ontario Regulation 347* of the *Ontario Environmental Protection Act* (unless quantities and frequency of disposal fall with the small quantity exemption). Proper storage and disposal of mercury must be followed in accordance with this *regulation.* Where possible, fluorescent light tubes should be recycled. Care should be taken not to break fluorescent light tubes.

5.0 SILICA

Concrete, brick and mortar, exterior stone and mortar, terracotta, terrazzo, marble, ceiling tiles, ceramic tiles, plaster and drywall materials were observed associated with the building. Free crystalline silica is assumed present in these materials. Appropriate work practices including adequate ventilation and respiratory protection must be utilized during the disturbance of these materials as per *O.Reg 490/09, as amended*.

5.1 Silica Recommendations

The OHS Branch of the Ontario MoL has published the document entitled "*Guideline: Silica on Construction Projects"*. This document classifies the disturbance of materials containing silica as Type 1, Type 2 or Type 3 work, and assigns different levels of respiratory protection and work procedures for each classification. These procedures should be followed when performing work involving the disturbance of silica-containing materials.

6.0 POLYCHLORINATED BIPHENYLS (PCBS)

Fluorescent light fixtures were observed throughout the building. As part of the supplemental investigation, DST inspected approximately 10% of the light fixtures on each floor to determine if PCB-containing ballasts were present within the light fixture casing. Using the quantities of light fixtures obtained as part of the quantification of mercury-containing fluorescent light tubes, an approximate average percentage of PCB and non-PCB light ballasts was extrapolated on a floor-by-floor basis. This data in turn enabled an estimate of the quantities of PCB-containing ballasts per floor. These quantities are provided in a Table included in Appendix D. It should be noted that approximately 40% of all the ballasts inspected had leaked onto the casing directly below.

In addition, during the DSS performed by DST, black tars were identified in select concealed areas that potentially contain elevated concentrations of PCBs. Bulk samples of these tar applications were collected by DST and submitted for asbestos analysis (refer to Table 2) and PCB-content analysis (µg/g or ppm). Table 8 summarizes the analytical results of tar samples submitted for PCB analysis.

Table 8: Analytical Results of PCBs in Tar on Cork Samples

Sample ID	Description	Location	PCBs, total (ppm or µg/g)
15816 31A-C PCB1	Cork and tar, radiator insulation	2nd Floor, freight elevator lobby, north window, SL#-405	<0.25
15816 35A-C PCB2	Tar layer associated with cork wall insulation (beneath concrete texture coat, 1st layer)	Ground Floor, Cold room, SL#-579	<0.25
15816 36A-C PCB3	Tar layer on top of textured wall	Ground Floor, Cold room, SL#-579	<0.25

SL# = Survey Location Number

The sample results for PCBs in the tar adhesive associated with the cork insulation, present in all perimeter radiators throughout the building (Sample 15816-31 A-C PCB1), and present in Survey Location 579 as two tar layers of associated with a textured concrete wall coating (15816 35A-C PCB2 and 15816 36A-C PCB3, respectively), indicated that the total PCB concentration was under the limit of 50 mg/kg for solid containing PCB materials, as defined in Ontario Ministry of Environment: Environmental Protection Act, Ontario Regulation 362 Waste Management-PCBs (1990), and quoted in Ontario Regulation 347 - Waste Management (1990), and is therefore considered non-PCB containing. It should be noted that although the building is on federal land, in the absence of Canadian Council of Ministers of the Environment (CCME) guidelines for specific PCBs parameters in building materials, Ontario Ministry of Environment (MOE) standards have been applied.

6.1 PCB Recommendations

Should any light or lamp ballast suspected of containing PCBs be encountered during this project, please refer to the Environment Canada, "Identification of Lamp Ballasts Containing PCBs", August 1991 report, for assistance with PCB identification.

If PCB-containing equipment is identified and must be removed, it should be disposed of in accordance with the Canadian Environment Protection Act's *PCB Regulations*, the Federal Transportation of Dangerous Goods Act and Ontario Environmental Protection Act's "Waste Management – PCB's" *Regulation 362/90 (O.Reg 33/07)*.

7.0 HALOCARBONS

Halocarbon-containing equipment such as refrigerators and base-building and mobile air-conditioning units were observed throughout the West Memorial Building. Many of these pieces of equipment appeared to have been decommissioned (supply lines had been severed in some cases, others not) and the refrigerants purged prior to PWGSC taking ownership of the building. However, in many cases tags affixed to seemingly decommissioned units were incomplete or inconclusive.

Table 9 provides a summary of accessible equipment suspected of containing halocarbons:

Table 9: Summary of Halocarbon-containing Equipment

Location	Manufacturer, Equipment Type, additional details	Refrigerant Type	Refrigerant weight
Office, 5th Floor, SL#48	1 x CanAir A/C unit	R-22	36 oz
Mechanical room, 5th Floor SL#106	1 x A/C unit for adjacent office	R-12	3.3 Ibs
Server room, 2nd Floor, SL#430	2 x Liebert A/C units, no tags, both appear to have been decommissioned as the supply lines have been cut	No tags	No tags
Storage, 1st Floor, SL#432	1 x Liebert A/C unit, no tag, appears to have been decommissioned as the supply lines have been cut	No tags	No tags
Storage, 1st Floor, SL#461	8 x various window A/C units on floor, all appear to have been decommissioned, no tags	No tags	No tags
Break room, Ground floor, SL#573	1 x Refrigerator/freezer	Suspected to contain Halocarbons	No access to tags
Mechanical/Storage, 7th Floor, SL#627	2 x Carrier pad-mounted A/C units	R-22	0.91 kg
Mechanical/Storage, 7th Floor, SL#627	2 x Mitsubishi pad-mounted A/C units	R-22	10 Ibs
Office, Ground Floor, SL#542A	1 x window mounted A/C unit	Suspected to contain Halocarbons	No access to tags
Roof, 1st Floor, West Courtyard	1 x Liebert HVAC unit	Suspected to contain Halocarbons	Quantities not specified on tag
Roof, 1st Floor, East Courtyard	3 x Liebert HVAC units	Suspected to contain Halocarbons	Quantities not specified on tag
Storage, Ground Floor, SL#543	Small mechanical unit, lines intact, unknown if decommissioned	Suspected to contain Halocarbons	Unknown, no tags
Storage, Ground Floor, SL#558	Small mechanical unit, appears decommissioned	Suspected to contain Halocarbons	Unknown, no tags
Storage, Ground Floor, SL#570	Small mechanical unit, appears decommissioned	Suspected to contain Halocarbons	Unknown, no tags
Storage, Ground Floor, SL#577	Small mechanical unit, lines intact, unknown if decommissioned	Suspected to contain Halocarbons	Unknown, no tags
Storage, Ground Floor, SL581	2 x small mechanical units, lines intact, unknown if decommissioned	Suspected to contain Halocarbons	Unknown, no tags
Main East Mechanical Room, SL#611	1 x Air drier	Suspected to contain Halocarbons	No access to tags

SL# = Survey Location Number

7.1 Halocarbon Recommendations

Prior to the decommissioning of any halocarbon-containing equipment, a licensed contractor specializing in the maintenance of halocarbon-containing equipment must conduct all work involving the removal of halocarbons. All halocarbons are to be recovered. All work involving halocarbons is to be done following the requirements of the *Federal Halocarbon Regulations* (2003), O.Reg 463/10, *Ozone Depleting Substances and Other Halocarbons*, and "Refrigerants" *O.Reg 238/01*.

8.0 OTHER HAZARDOUS MATERIALS/SUBSTANCES

8.1 MOULD

A minor amount of suspect mould (<1 m², black staining) was observed during this inspection on canvas over insulation on mechanical equipment in the main west Basement Mechanical Room (SL# 613). Also, during the site investigation, several areas exhibiting indications of water damage were observed, resulting in damage to non-ACM ceiling tiles and other building materials. Although not visually identified, these conditions can become favourable for mould proliferation.

8.1.2 Mould Recommendations

Any mould remedial activities should follow appropriate standards/guidelines appropriate to the scope of work such as those outlined within the Canadian Construction Association (CCA) document *Mould Guidelines for the Canadian Construction Industry, CCA 82-2004*.

8.2 ETHYLENE GLYCOL

Pipe systems associated with the snow melting system for the roof gutters on the 7th Floor contain Ethylene Glycol.

8.2.1 Glycol recommendations

If any glycol is to be handled as part of this project, this material should be handled in accordance with the associated Material Safety Data Sheet (MSDS) for the project. The transport and disposal of chemical waste is governed by O. Reg. 347/90 – General – Waste Management, as amended.

9.0 DESIGNATED SUBSTANCES NOT SUSPECTED TO BE PRESENT

The following Designated Substances and hazardous materials are not suspected to be present in forms or quantities that would impact future work operations at the West Memorial Building, in Ottawa, Ontario.

- Acrylonitrile;
- Arsenic;
- Benzene
- Coke Oven Emissions;
- Ethylene Oxide;
- Isocyanates; and
- Vinyl Chloride.

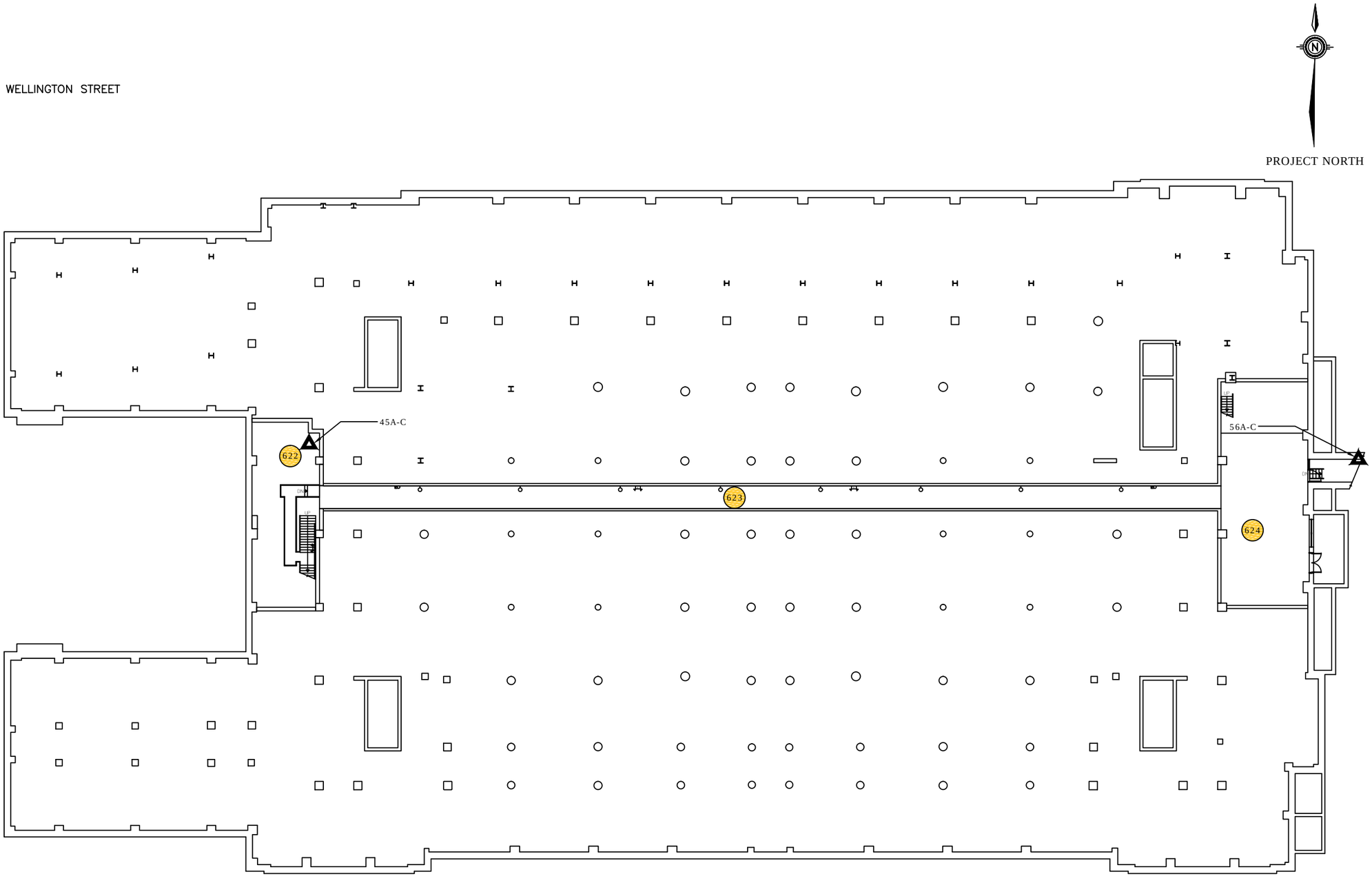
10.0 SURVEY LIMITATIONS

All prior investigations were limited to readily accessible areas. Destructive testing was included in the current investigation; however, due to the scope of work and varying factors described within this report, it was not possible to identify all designated substances that are present in non-accessible areas and/or concealed areas of the building. Should such spaces be demolished or disturbed during project activities, it is recommended that additional sampling and/or inspection be performed to verify assumed quantities. Likewise, should any designated substance be encountered in the course of demolition or renovation work, work shall be stopped, preventative measures taken, and the Departmental Representative notified immediately. Do not proceed until written instructions have been received.

The Designated Substance Specification Report is provided in a separate document for your tender package

Appendix A

Site Plan with Sample Locations and Room Numbers



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NOTES:

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE ASSOCIATED TECHNICAL REPORT.
2. DO NOT SCALE DRAWING.
3. ALL SAMPLE IDENTIFIERS ARE PREFIXED WITH '15816-' WHICH WAS LEFT OUT FOR DRAWING CLARITY.
4. BASE DRAWINGS PROVIDED BY CLIENT.

LEGEND:

01A-C	APPROXIMATE ASBESTOS SAMPLE LOCATION, AS APPLICABLE
1	SURVEY LOCATION REFERENCE/ ROOM #

REV	DATE	ISSUE	APPROVAL
1	19/03/14	ORIGINAL	B.H.

PROJECT TITLE

DESIGNATED SUBSTANCES SURVEY
WEST MEMORIAL BUILDING
344 WELLINGTON ST. OTTAWA, ON

DRAWING TITLE

SAMPLE LOCATION AND ROOM NUMBER PLAN
SUB-BASEMENT FLOOR

DESIGNED BY: N.S.	SCALE: NTS
DRAWN BY: R.P.	DATE: March 2014
APPROVED BY: B.H.	PROJECT NO.: BE-OT-015816

FIGURE 1

GENERAL NOTES FOR BUILDING EXTERIOR

- ROOFING MATERIALS (WHERE THEY EXIST) CONCEALED BENEATH COPPER ROOFING ARE SUSPECTED OF CONTAINING ASBESTOS
- ALL BUILDING WINDOWS HAVE ABESTOS-CONTAINING WINDOW CAULKING, INCLUDING THE DORMER WINDOWS.
- CAULKINGS ASSOCIATED WITH STONE MASONRY AND ROOF JOINTS ARE SUSPECTED OF CONTAINING ASBESTOS.

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4. BASE DRAWINGS PROVIDED BY CLIENT.

LEGEND:

01A-C	APPROXIMATE ASBESTOS SAMPLE LOCATION, AS APPLICABLE
1	SURVEY LOCATION REFERENCE/ ROOM #
S1	STAIRWELLS
	APPROXIMATE LOCATION OF SLAB INVESTIGATION

REV	DATE	ISSUE	APPROVAL
1	19/03/14	ORIGINAL	B.H.

PROJECT TITLE

DESIGNATED SUBSTANCES SURVEY
WEST MEMORIAL BUILDING
344 WELLINGTON ST. OTTAWA, ON

DRAWING TITLE

SAMPLE LOCATION AND ROOM NUMBER PLAN
BASEMENT FLOOR

DESIGNED BY N.S.	SCALE NTS
DRAWN BY R.P.	DATE March 2014
APPROVED BY B.H.	PROJECT NO.: BE-OT-015816

FIGURE 2

GENERAL NOTES FOR BUILDING EXTERIOR

- ROOFING MATERIALS (WHERE THEY EXIST) CONCEALED BENEATH COPPER ROOFING ARE SUSPECTED OF CONTAINING ASBESTOS
- ALL BUILDING WINDOWS HAVE ABESTOS-CONTAINING WINDOW CAULKING, INCLUDING THE DORMER WINDOWS.
- CAULKINGS ASSOCIATED WITH STONE MASONRY AND ROOF JOINTS ARE SUSPECTED OF CONTAINING ASBESTOS.

DST consulting engineers

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4. BASE DRAWINGS PROVIDED BY CLIENT.

LEGEND:

01A-C	APPROXIMATE ASBESTOS SAMPLE LOCATION, AS APPLICABLE
1	SURVEY LOCATION REFERENCE/ ROOM #
N/A	NOT ACCESSIBLE
S1	STAIRWELLS
PCB-2	APPROXIMATE PCBs SAMPLE LOCATION, AS APPLICABLE

REV	DATE	ISSUE	APPROVAL
1	19/03/14	ORIGINAL	B.H.

PROJECT TITLE

DESIGNATED SUBSTANCES SURVEY
WEST MEMORIAL BUILDING
344 WELLINGTON ST. OTTAWA, ON

DRAWING TITLE

SAMPLE LOCATION AND ROOM NUMBER PLAN
GROUND FLOOR

DESIGNED BY: N.S.	SCALE: NTS
DRAWN BY: R.P.	DATE: March 2014
APPROVED BY: B.H.	PROJECT NO.: BE-OT-015816

FIGURE 3

GENERAL NOTES FOR BUILDING EXTERIOR

- ROOFING MATERIALS (WHERE THEY EXIST) CONCEALED BENEATH COPPER ROOFING ARE SUSPECTED OF CONTAINING ASBESTOS
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01A-C	APPROXIMATE ASBESTOS SAMPLE LOCATION, AS APPLICABLE
1	SURVEY LOCATION REFERENCE/ ROOM #
S1	STAIRWELLS

REV	DATE	ISSUE	APPROVAL
1	19/03/14	ORIGINAL	B.H.

PROJECT TITLE

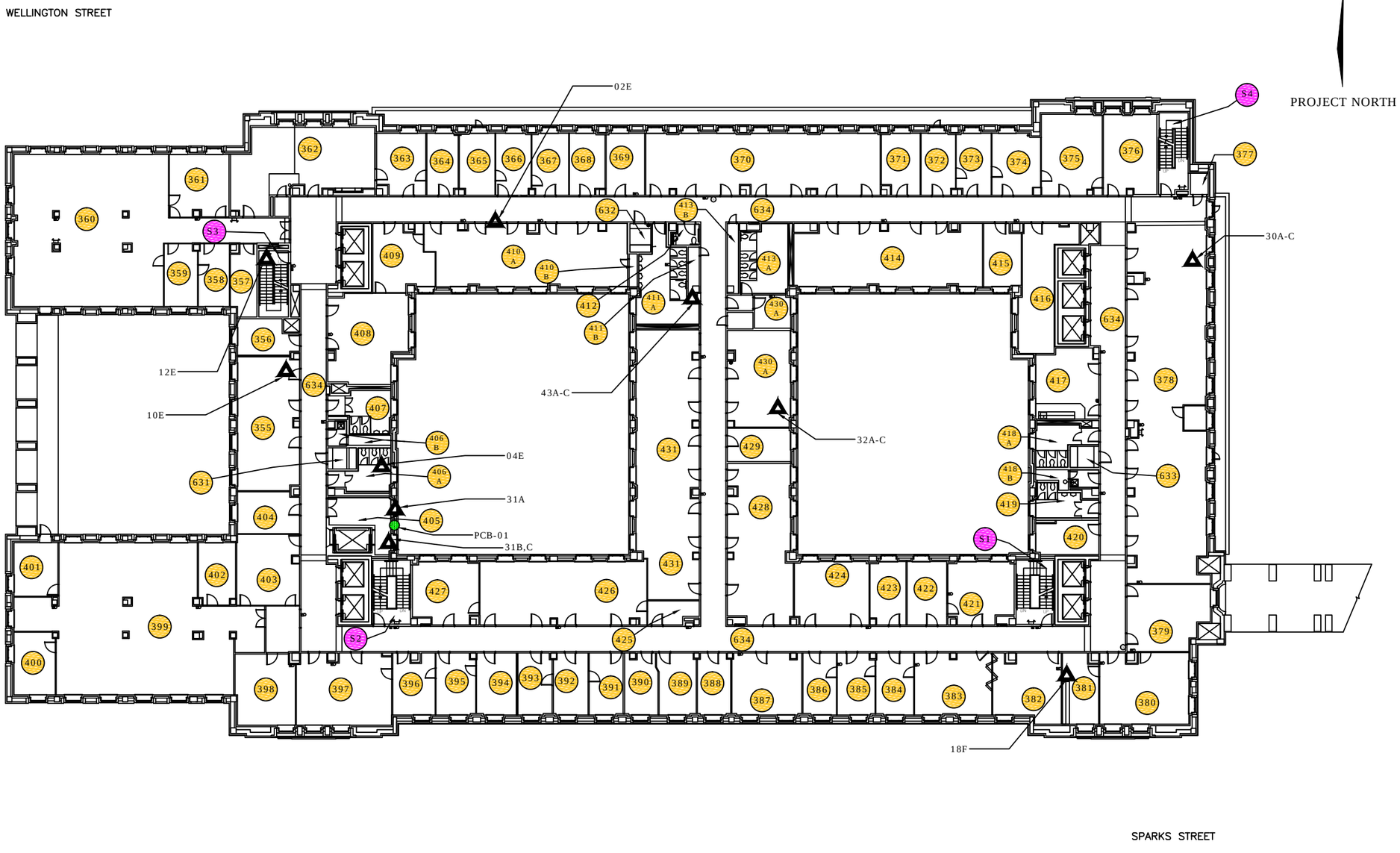
DESIGNATED SUBSTANCES SURVEY
WEST MEMORIAL BUILDING
344 WELLINGTON ST. OTTAWA, ON

DRAWING TITLE

SAMPLE LOCATION AND ROOM NUMBER PLAN
FIRST FLOOR

DESIGNED BY: N.S.	SCALE: NTS
DRAWN BY: R.P.	DATE: March 2014
APPROVED BY: B.H.	PROJECT NO.: BE-OT-015816

FIGURE 4



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1	SURVEY LOCATION REFERENCE/ ROOM #
S1	STAIRWELLS
PCB-2	APPROXIMATE PCBs SAMPLE LOCATION, AS APPLICABLE

REV	DATE	ISSUE	APPROVAL
1	19/03/14	ORIGINAL	B.H.

PROJECT TITLE

DESIGNATED SUBSTANCES SURVEY
WEST MEMORIAL BUILDING
344 WELLINGTON ST. OTTAWA, ON

DRAWING TITLE

SAMPLE LOCATION AND ROOM NUMBER PLAN
SECOND FLOOR

DESIGNED BY: N.S.	SCALE: NTS
DRAWN BY: R.P.	DATE: March 2014
APPROVED BY: B.H.	PROJECT NO.: BE-OT-015816

FIGURE 5

GENERAL NOTES FOR BUILDING EXTERIOR

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1	SURVEY LOCATION REFERENCE/ ROOM #
S1	STAIRWELLS

REV	DATE	ISSUE	APPROVAL
1	19/03/14	ORIGINAL	B.H.

PROJECT TITLE

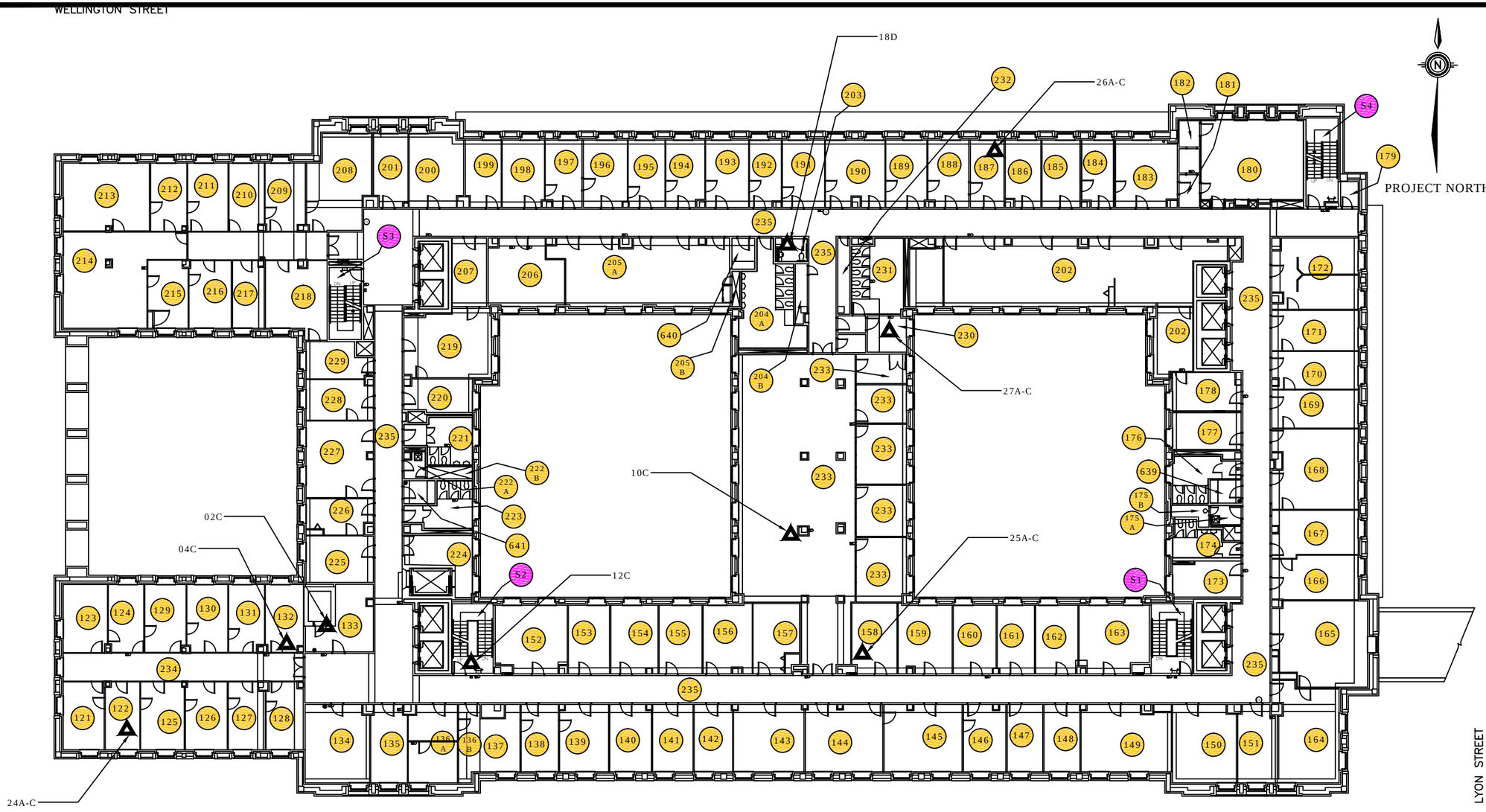
DESIGNATED SUBSTANCES SURVEY
WEST MEMORIAL BUILDING
344 WELLINGTON ST. OTTAWA, ON

DRAWING TITLE

SAMPLE LOCATION AND ROOM NUMBER PLAN
THIRD FLOOR

DESIGNED BY: N.S.	SCALE: NTS
DRAWN BY: R.P.	DATE: March 2014
APPROVED BY: B.H.	PROJECT NO.: BE-OT-015816

FIGURE 6



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1	SURVEY LOCATION REFERENCE/ ROOM #
S1	STAIRWELLS

REV	DATE	ISSUE	APPROVAL
1	19/03/14	ORIGINAL	B.H.

PROJECT TITLE

DESIGNATED SUBSTANCES SURVEY
WEST MEMORIAL BUILDING
344 WELLINGTON ST. OTTAWA, ON

DRAWING TITLE

SAMPLE LOCATION AND ROOM NUMBER PLAN
FOURTH FLOOR

DESIGNED BY: N.S.	SCALE: NTS
DRAWN BY: R.P.	DATE: March 2014
APPROVED BY: B.H.	PROJECT NO.: BE-OT-015816

FIGURE 7

GENERAL NOTES FOR BUILDING EXTERIOR

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S1	STAIRWELLS

REV	DATE	ISSUE	APPROVAL
1	19/03/14	ORIGINAL	B.H.

PROJECT TITLE

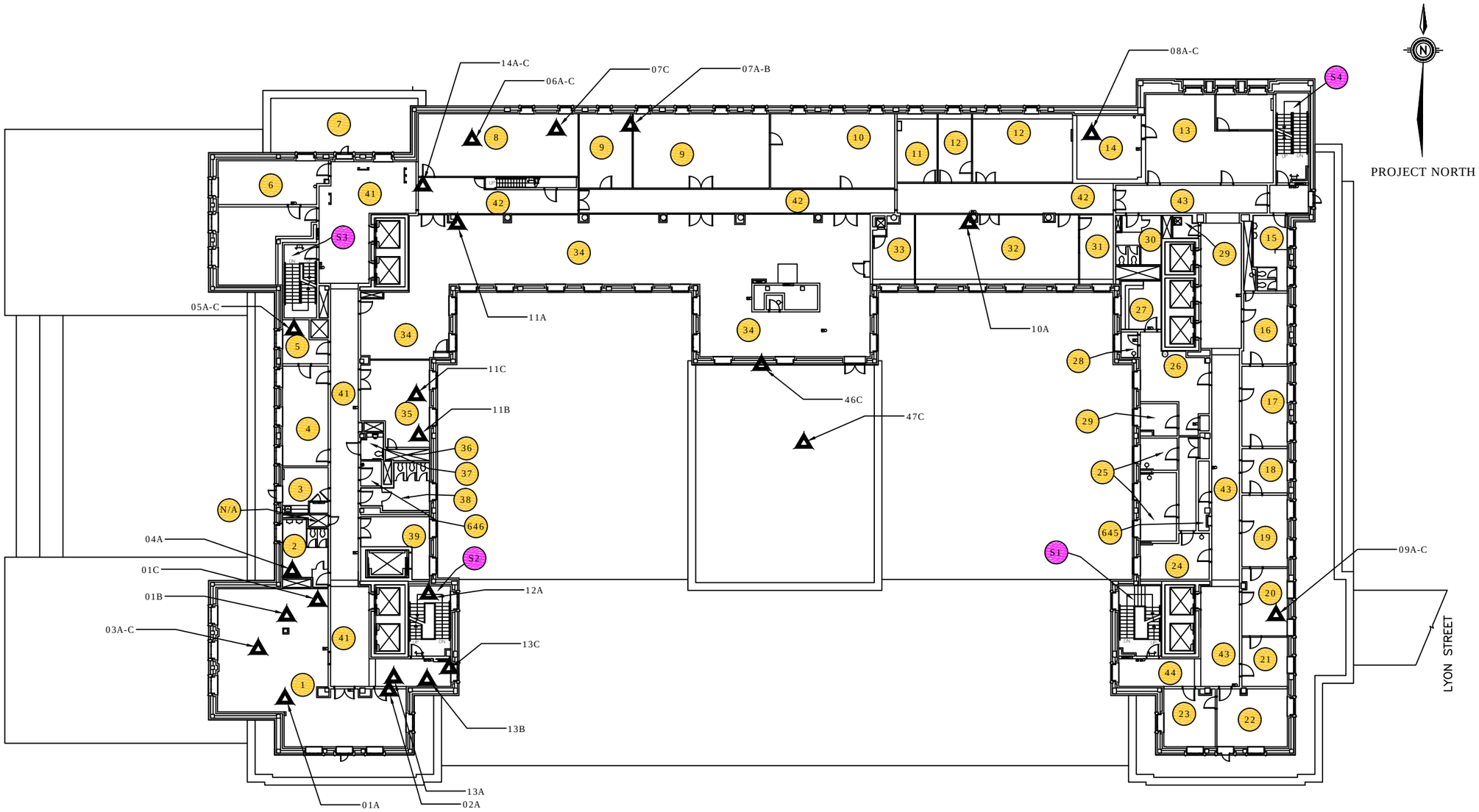
DESIGNATED SUBSTANCES SURVEY
WEST MEMORIAL BUILDING
344 WELLINGTON ST. OTTAWA, ON

DRAWING TITLE

SAMPLE LOCATION AND ROOM NUMBER PLAN
FIFTH FLOOR

DESIGNED BY: N.S.	SCALE: NTS
DRAWN BY: R.P.	DATE: March 2014
APPROVED BY: B.H.	PROJECT NO.: BE-OT-015816

FIGURE 8



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1	SURVEY LOCATION REFERENCE/ ROOM #
S1	STAIRWELLS

REV	DATE	ISSUE	APPROVAL
1	19/03/14	ORIGINAL	B.H.

PROJECT TITLE

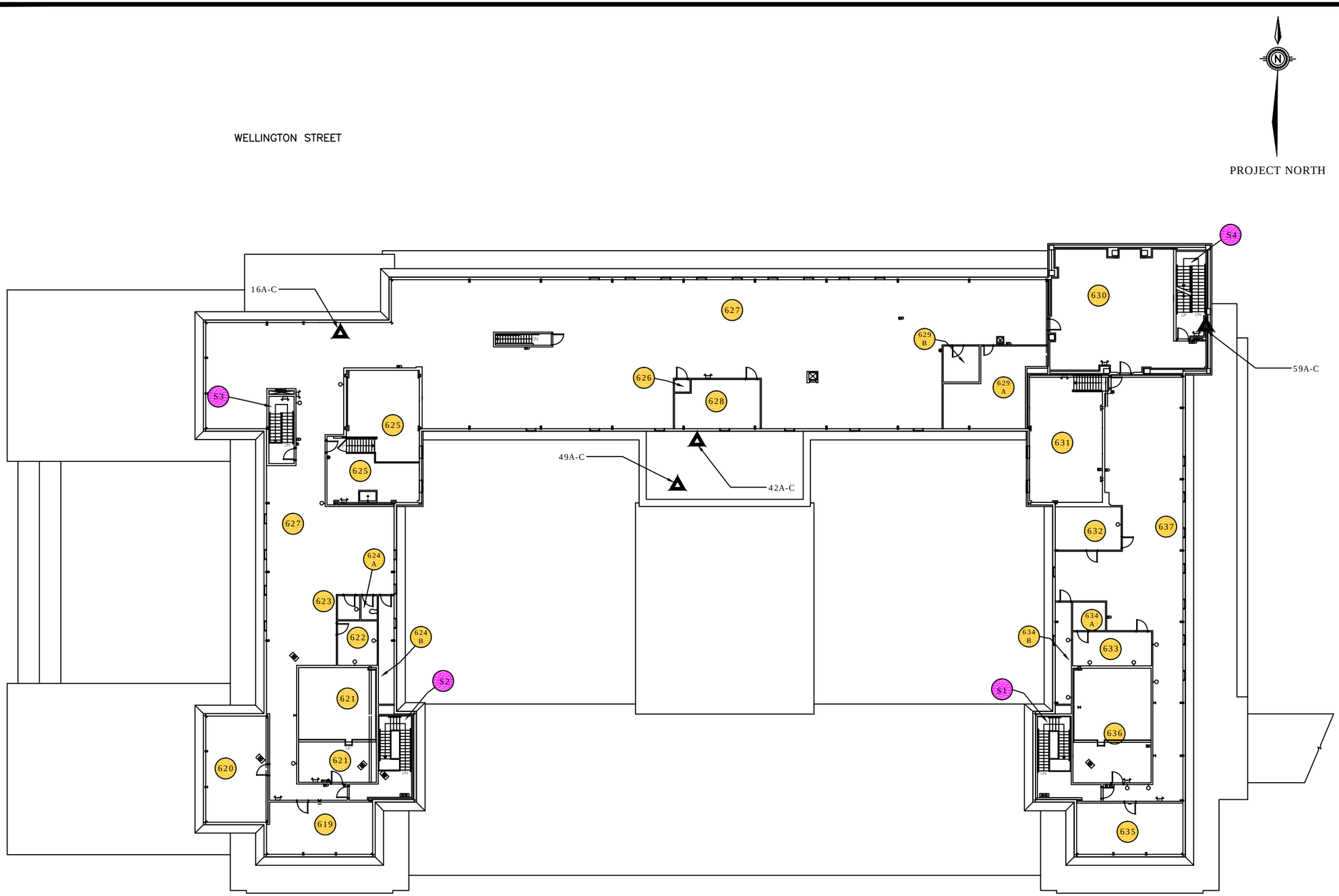
DESIGNATED SUBSTANCES SURVEY
WEST MEMORIAL BUILDING
344 WELLINGTON ST. OTTAWA, ON

DRAWING TITLE

SAMPLE LOCATION AND ROOM NUMBER PLAN
SIXTH FLOOR

DESIGNED BY: N.S.	SCALE: NTS
DRAWN BY: R.P.	DATE: March 2014
APPROVED BY: B.H.	PROJECT NO.: BE-OT-015816

FIGURE 9



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1	SURVEY LOCATION REFERENCE/ ROOM #
S1	STAIRWELLS

REV	DATE	ISSUE	APPROVAL
1	19/03/14	ORIGINAL	B.H.

PROJECT TITLE

DESIGNATED SUBSTANCES SURVEY
WEST MEMORIAL BUILDING
344 WELLINGTON ST. OTTAWA, ON

DRAWING TITLE

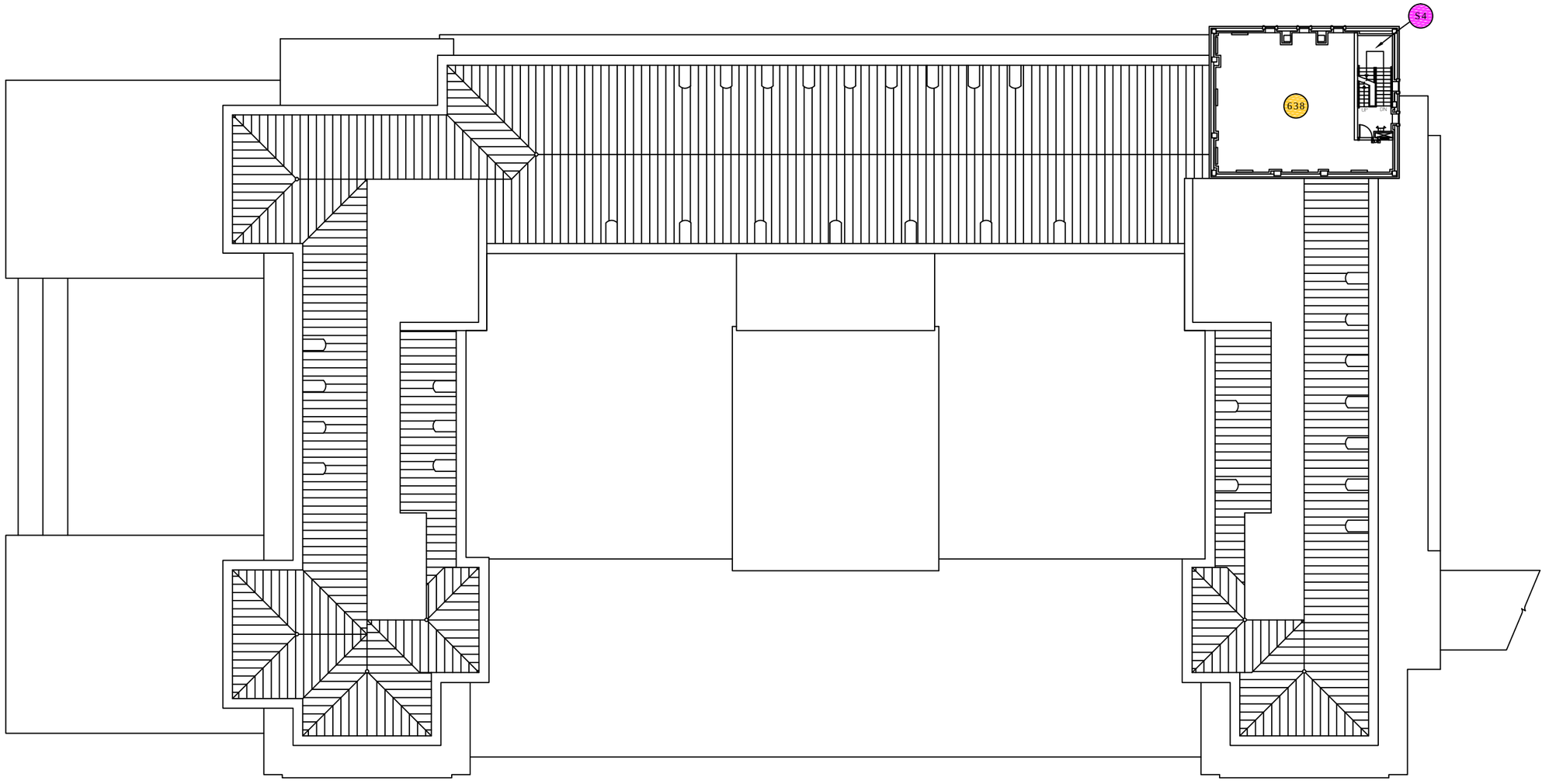
SAMPLE LOCATION AND ROOM NUMBER PLAN
SEVENTH FLOOR

DESIGNED BY: N.S.	SCALE: NTS
DRAWN BY: R.P.	DATE: March 2014
APPROVED BY: B.H.	PROJECT NO.: BE-OT-015816

FIGURE 10

WELLINGTON STREET

PROJECT NORTH



SPARKS STREET

GENERAL NOTES FOR BUILDING EXTERIOR

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1	SURVEY LOCATION REFERENCE/ ROOM #
S1	STAIRWELLS

REV	DATE	ISSUE	APPROVAL
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PROJECT TITLE

DESIGNATED SUBSTANCES SURVEY
WEST MEMORIAL BUILDING
344 WELLINGTON ST. OTTAWA, ON

DRAWING TITLE

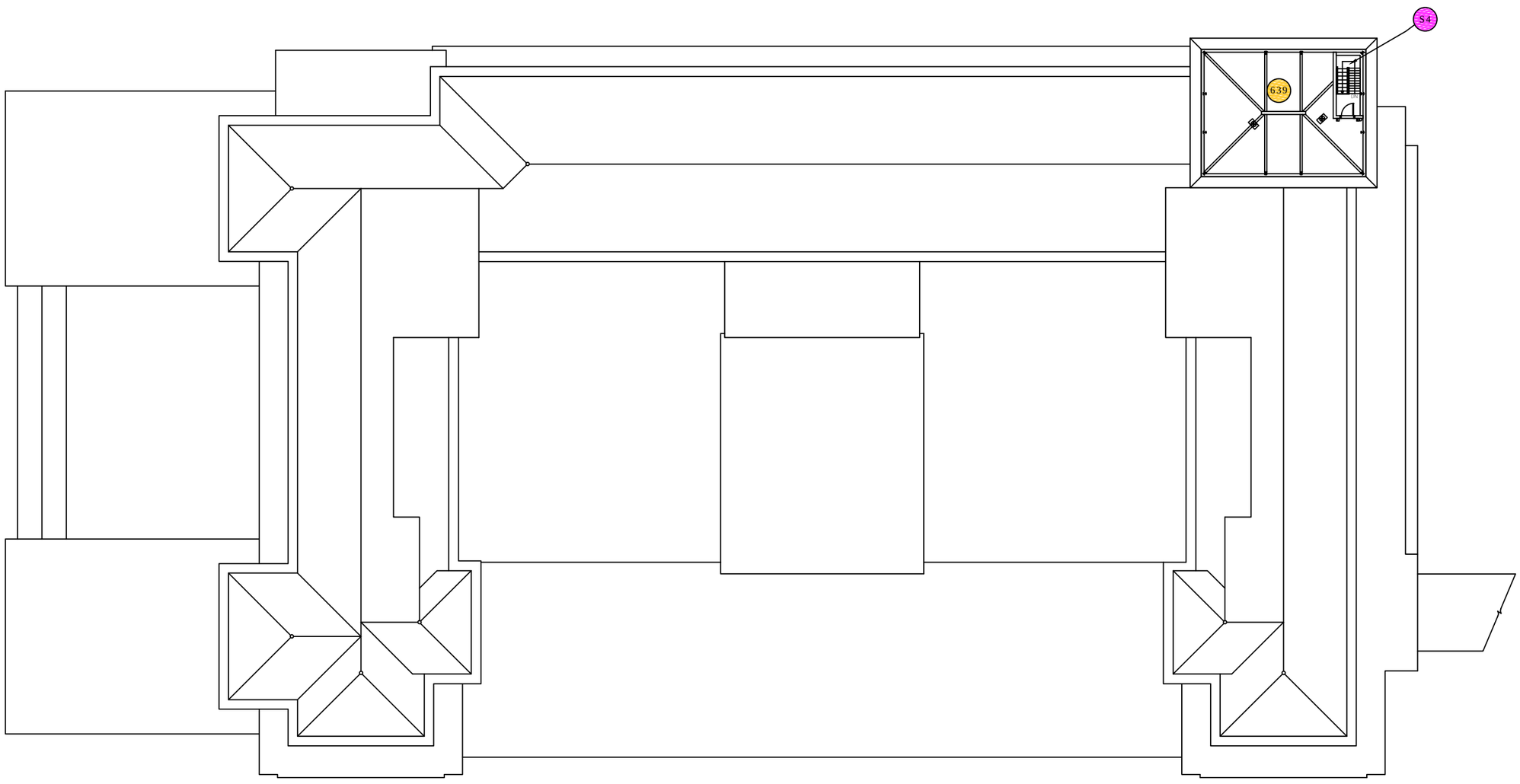
SAMPLE LOCATION AND ROOM NUMBER PLAN
EIGHTH FLOOR

DESIGNED BY: N.S.	SCALE: NTS
DRAWN BY: R.P.	DATE: March 2014
APPROVED BY: B.H.	PROJECT NO.: BE-OT-015816

FIGURE 11

WELLINGTON STREET

PROJECT NORTH



SPARKS STREET

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S1	STAIRWELLS

REV	DATE	ISSUE	APPROVAL
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PROJECT TITLE

DESIGNATED SUBSTANCES SURVEY
WEST MEMORIAL BUILDING
344 WELLINGTON ST. OTTAWA, ON

DRAWING TITLE

SAMPLE LOCATION AND ROOM NUMBER PLAN
NINTH FLOOR

DESIGNED BY: N.S.	SCALE: NTS
DRAWN BY: R.P.	DATE: March 2014
APPROVED BY: B.H.	PROJECT NO.: BE-OT-015816

FIGURE 12

Appendix B

Select Photographs

Photo 1: Exterior of the West Memorial Building, 344 Wellington Street, Ottawa, ON.

Photo 2: 12”x12” Vinyl floor tiles, beige with red streaks, present in all corridors of the building spanning from the ground to the 6th floor contain 8.1% Chrysotile (DST Sample 13A).

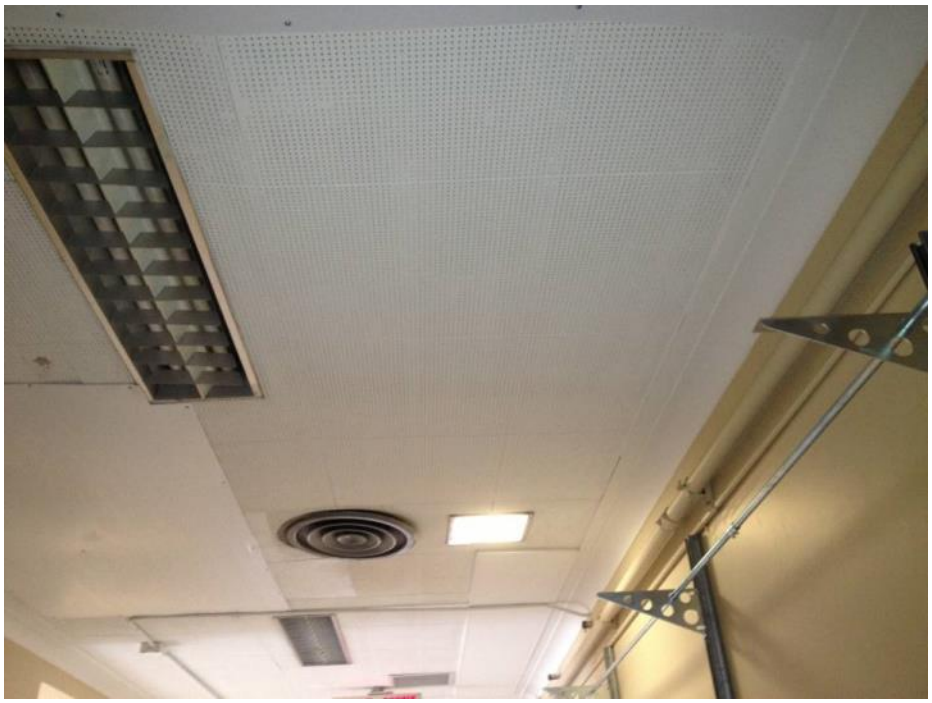

Photo 3: 2'x2' Transite ceiling tiles, present in all corridors of the building spanning from the ground to the 6th floor contain 25-50% Chrysotile (JWEL 1997 Sample 006).

Photo 4: Concealed light heat shields associated with incandescent light fixtures containing 25-50% Chrysotile (JWEL Sample 06) are suspected to be present throughout the basement levels

Photo 5: A typical pipe fitting with parging cement in a concealed ceiling void, containing 50-75% Chrysotile (JWEL 2000 Sample 02).

Photo 6: Typical Aircell pipe run, containing 25-50% Chrysotile (JWEL 1997 Sample 002). The exposed end in this picture requires repair (Action level 4).

Photo 7: A cardboard box containing Aircell debris was observed on the 7th floor (Survey Location 634B).

Photo 8: Parging on ductwork cork insulation, observed above the ceilings in select accessible areas contains 50-75% Chrysotile (JWEL 2000 Sample 02). This parging on cork insulation is suspected to be present above solid ceilings throughout the building.

Photo 9: A layer of tar on top of walls in Survey Location 579 (former walk-in cold room) contains 4.2% Chrysotile. PCB analysis of the tar revealed concentrations of PCBs that were less than the laboratory detection limit (0.25 ppm).

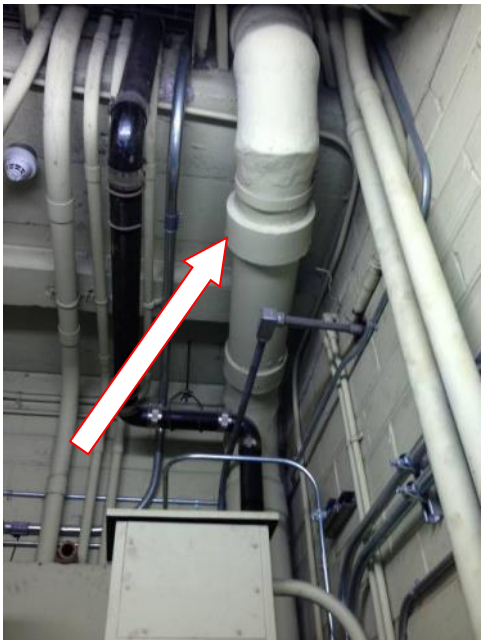

Photo 10: Transite piping containing 5-25% Chrysotile and 25-50% Crocidolite (JWEL 2000 Sample 16) is present in select areas in the building, and in all east and west electrical rooms spanning from the ground to the 6th floor.

Photo 11: The internal, concealed and inaccessible linings to safe doors in the building are suspected of containing asbestos.

Photo 12: Caulkings used to seal the metal roofs/parapets with stone masonry are suspected of containing asbestos. Window caulking on all windows spanning from the ground to the 6th floor contains 3.7% Chrysotile (DST sample 46A).

Photo 13: Window caulking on dormer windows on the 7th floor contains 3.3% Chrysotile (DST sample 42A).

Photo 14: None of the three (3) distinct roof systems, as shown in the photo (courtyards at 1st floor level, gravel covered roofs and terraces at varying levels, and a flat roof on the 7th floor) contain asbestos.

Photo 15: Small transformers, present in the vast majority of electrical rooms throughout the building have been confirmed by PWGSC as being dry-type.

Photo 16: Decommissioned air-conditioning equipment in storage. Associated tags for mobile and base-building equipment were often missing or incomplete.

Photo 17: Several areas exhibiting indications of water damage were observed, resulting in damage to non-ACM ceiling tiles and other building materials.

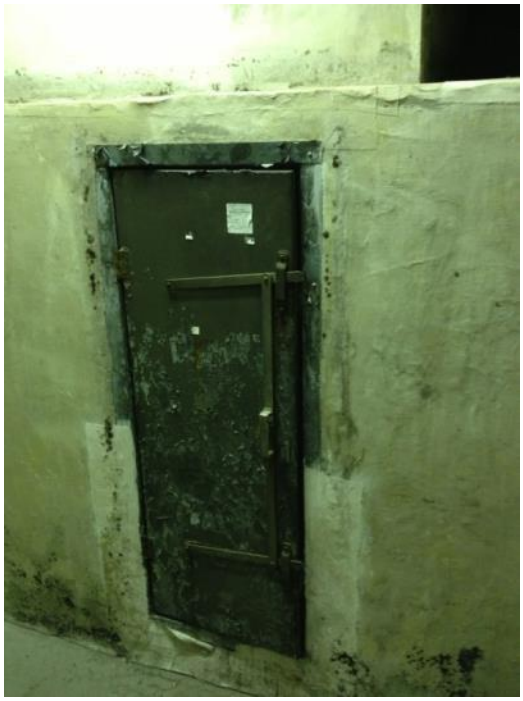

Photo 18: A minor area of suspect mould (<1 m², black staining) was observed on canvas over insulation on mechanical equipment in the main west Basement Mechanical Room (SL# 613).

Photo 19: Asbestos-containing parging on cork insulation, associated with ductwork in the north corridor of the 5th floor is present above asbestos-containing transite ceiling tiles (ducting branch pictured above).

Photo 20: Asbestos-containing parging on cork duct insulation, present above 6th floor solid ceiling.

Photo 21: Asbestos-containing parging on cork duct insulation, present above 6th floor women's washroom. The insulation material in this area is delaminating and in poor condition, with asbestos-containing debris located throughout the surface of the plaster ceiling below.

Photo 22: Typical example of asbestos-containing pipe insulation, present above solid ceilings, associated with radiator risers supplying the floor above.

Photo 23: Typical example of asbestos-containing pipe insulation, present above solid ceilings, associated with radiator risers supplying the floor above.

Photo 24: Black tar paper, located above plaster window header (Sample 15816-54A-C) was determined by laboratory analysis to not contain asbestos.

Photo 25: Concrete coring in parking garage area revealed no suspect asbestos containing materials under the slab.

Photo 26: Concrete coring in parking garage area revealed no suspect asbestos containing materials under the slab.

Photo 27: Black tar layer under metal dividing walls, collected from the 5th Floor (Samples 15816-52A-C) was determined by laboratory analysis to not contain asbestos.

Photo 28: Marble mortar bedding, sampled from a pre-existing hole in the marble materials (Samples 15816-58A-C) was determined by laboratory analysis to not contain asbestos.

Photo 29: White insulation material beneath metal cladding, observed along perimeter wall in 6th floor west stairwell up to the 7th floor (Sample 15816-58A-C) was determined by laboratory analysis to not contain asbestos.

Photo 30: Multiple leaking PCB containing ballasts were observed throughout the building

Appendix C

Detailed Room-by-Room database for ACMs

Asbestos Database - West Memorial Building, 344 Wellington - March 2014

Survey Location Reference	Floor	Room	Specific Location	Equipment Type	Material Description	Accessibility	Friability (Friable, Non-Friable)	Asbestos Type	% Present	Condition (Good, Fair, Poor, Abated, None)	Approximate Quantity	Units	Dir. 057 Action Required	Sample I.D.	Comments
Sub-Basement															
622	Sub-basement	Main mechanical room, west	Pipe	Mechanical/pipe insulation	Pipe insulation	(C)-Exposed	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	G - Good	800	m	7	S-JWEL-97-001, 003, or 008	Multiple runs of pipe insulation at elevated heights. Pipe insulation may be Aircell, Layered Cardboard Wrap or Magnesia Block
622	Sub-basement	Main mechanical room, west	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(C)-Exposed	Friable	Chrysotile	50-75%	G - Good	400	Fitting	7	S-JWEL-00-02	
623	Sub-basement	Connecting tunnel	Pipe	Mechanical/pipe insulation	Magnesia Block	(C)-Concealed	Friable	Amosite and Chrysotile	25-50% and 5-25%	U - Unknown	420	m	7	S-JWEL-00-SA11	Mag block is concealed beneath an outer layer of fibreglass insulation
624	Sub-basement	Connecting tunnel	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(C)-Concealed	Friable	Chrysotile	50-75%	U - Unknown	215	Fitting	7	S-JWEL-00-02	On pipe hangers
624	Sub-basement	Main mechanical room, east	Pipe	Mechanical/pipe insulation	Magnesia Block	(C)-Concealed	Friable	Amosite and Chrysotile	25-50% and 5-25%	U - Unknown	~150	m	7	S-JWEL-00-SA11	Multiple runs of Mag block concealed beneath an outer layers of fibreglass insulation
624	Sub-basement	Main mechanical room, east	Pipe	Mechanical/pipe insulation	Aircell	(C)-Exposed	Friable	Chrysotile	25-50%	G - Good	215	m	7	S-JWEL-97-001	
624	Sub-basement	Main mechanical room, east	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(C)-Exposed	Friable	Chrysotile	50-75%	G - Good	300	Fitting	7	S-JWEL-00-02	
Throughout	Sub-basement	Throughout	Incandescent light fixtures	Thermal Insulation	Light heat shield	(C)-Concealed	Friable	Chrysotile	25-50%	G - Good	2	Heat shields	7	S-JWEL-00-SA-06	

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Survey Location Reference	Floor	Room	Specific Location	Equipment Type	Material Description	Accessibility	Friability (Friable, Non-Friable)	Asbestos Type	% Present	Condition (Good, Fair, Poor, Abated, None)	Approximate Quantity	Units	Dir. 057 Action Required	Sample I.D.	Comments
Basement															
595	Basement	Storage	Pipe	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	G - Good	140	m	7	S-JWEL-97-001 or 008	In room and above ceiling
595	Basement	Storage	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	40	Fitting	7	S-JWEL-00-02	In room and above ceiling
596	Basement	Storage	Pipe	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	G - Good	120	m	7	S-JWEL-97-001 or 008	In room and above ceiling
596	Basement	Storage	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	40	Fitting	7	S-JWEL-00-02	In room and above ceiling
597	Basement	Janitor room	Piping above ceiling	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	G - Good	12	m	7	S-JWEL-00-SA11	Above ceiling
598	Basement	Storage	Piping above ceiling	Mechanical/pipe insulation	Aircell	(D)	Friable	Chrysotile	25-50%	G - Good	60	m	7	S-JWEL-97-001	Above ceiling
599	Basement	Locker room	Piping above ceiling	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	G - Good	30	m	7	S-JWEL-97-001, 003, or 008	Above ceiling
601	Basement	Freight Elevator Lobby	Pipe	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(D)	Friable	Chrysotile	25-50%	G - Good	9	m	7	S-JWEL-97-001 or 008	Above ceiling
601	Basement	Freight Elevator Lobby	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	6	Fitting	7	S-JWEL-00-02	Above ceiling
602	Basement	Storage	Pipe	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	G - Good	12	m	7	S-JWEL-97-001, 003, or 008	Above ceiling
602	Basement	Storage	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	6	Fitting	7	S-JWEL-00-02	Above ceiling
602	Basement	Storage	Incandescent light fixtures	Thermal Insulation	Light heat shield	(C)-Concealed	Friable	Chrysotile	25-50%	G - Good	2	Heat shields	7	S-JWEL-00-SA-06	
602A	Basement	Electrical room	Pipe	Other Materials Containing Asbestos	Transite pipe	(B)	Non-friable	Chrysotile and Crocidolite	5-25% and 25-50%	G - Good	6	m	7	S-JWEL-00-SA16	
603	Basement	Corridor	Pipe	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	G - Good	60	m	7	S-JWEL-97-001, 003, or 008	Above ceiling
603	Basement	Corridor	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	20	Fitting	7	S-JWEL-00-02	Above ceiling
604	Basement	Parking Garage Area	Pipe	Mechanical/pipe insulation	Pipe insulation	(B) (C)-Exposed (D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	G - Good	1000	m	7	S-JWEL-97-001, 003, or 008	
604	Basement	Parking Garage Area	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(B) (C)-Exposed (D)	Friable	Chrysotile	50-75%	G - Good	200	Fitting	7	S-JWEL-00-02	
605	Basement	Corridor	Pipe	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	G - Good	30	m	7	S-JWEL-97-001, 003, or 008	Above ceiling
605	Basement	Corridor	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	15	Fitting	7	S-JWEL-00-02	Above ceiling
606	Basement	Storage	Pipe	Mechanical/pipe insulation	Magnesia Block	(C)-Exposed	Friable	Amosite and Chrysotile	25-50% and 5-25%	G - Good	1	m	7	S-JWEL-00-SA11	
606	Basement	Storage	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(C)-Exposed	Friable	Chrysotile	50-75%	G - Good	3	Fitting	7	S-JWEL-00-02	
608	Basement	Storage	Pipe	Mechanical/pipe insulation	Aircell	(C)-Exposed	Friable	Chrysotile	25-50%	G - Good	2	m	7	S-JWEL-97-001	
608	Basement	Storage	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(C)-Exposed	Friable	Chrysotile	50-75%	G - Good	1	Fitting	7	S-JWEL-00-02	
608	Basement	Storage	Duct	Mechanical/pipe insulation	Parging cement on duct insulation	(C)-Exposed	Friable	Chrysotile	50-75%	G - Good	105	m^2	7	S-JWEL-00-SA-25	
609	Basement	Storage	Pipe	Mechanical/pipe insulation	Magnesia Block	(C)-Exposed	Friable	Amosite and Chrysotile	25-50% and 5-25%	G - Good	3	m	7	S-JWEL-00-SA11	
609	Basement	Storage	Pipe	Mechanical/pipe insulation	Aircell	(C)-Exposed	Friable	Chrysotile	25-50%	G - Good	3	m	7	S-JWEL-97-001	
610	Basement	Storage	Pipe	Mechanical/pipe insulation	Aircell	(C)-Exposed	Friable	Chrysotile	25-50%	G - Good	3	m	7	S-JWEL-97-001	
610	Basement	Storage	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(C)-Exposed	Friable	Chrysotile	50-75%	G - Good	3	Fitting	7	S-JWEL-00-02	
610	Basement	Storage	Duct	Mechanical/pipe insulation	Parging cement on duct insulation	(C)-Exposed	Friable	Chrysotile	50-75%	G - Good	105	m^2	7	S-JWEL-00-SA-25	
611	Basement	Main Mechanical Room, east	Pipe	Mechanical/pipe insulation	Magnesia Block	(C)-Exposed	Friable	Amosite and Chrysotile	25-50% and 5-25%	G - Good	200	m	7	S-JWEL-00-SA11	
611	Basement	Main Mechanical Room, east	Pipe	Mechanical/pipe insulation	Aircell	(C)-Exposed	Friable	Chrysotile	25-50%	G - Good	100	m	7	S-JWEL-97-001	
611	Basement	Main Mechanical Room, east	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(C)-Exposed	Friable	Chrysotile	50-75%	G - Good	200	Fitting	7	S-JWEL-00-02	
611	Basement	Main Mechanical Room, east	Duct	Mechanical/pipe insulation	Parging cement on duct insulation	(C)-Exposed	Friable	Chrysotile	50-75%	G - Good	110	m^2	7	S-JWEL-00-SA-25	
611	Basement	Main Mechanical Room, east	Air Handling Units	Mechanical/pipe insulation	Parging cement on Air Handling Units	(B)	Friable	Chrysotile	50-75%	G - Good	240	m^2	7	S-JWEL-00-SA-24	
613	Basement	Main Mechanical Room, west	Pipe	Mechanical/pipe insulation	Magnesia Block	(B)	Friable	Amosite and Chrysotile	25-50% and 5-25%	G - Good	160	m	7	S-JWEL-00-SA11	
613	Basement	Main Mechanical Room, west	Pipe	Mechanical/pipe insulation	Aircell	(B)	Friable	Chrysotile	25-50%	G - Good	85	m	7	S-JWEL-97-001	
613	Basement	Main Mechanical Room, west	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(B)	Friable	Chrysotile	50-75%	G - Good	185	Fitting	7	S-JWEL-00-02	
613	Basement	Main Mechanical Room, west	Duct	Mechanical/pipe insulation	Parging cement on duct insulation	(B)	Friable	Chrysotile	50-75%	G - Good	50	m^2	7	S-JWEL-00-SA-25	
614	Basement	Fountain room	Pipe	Mechanical/pipe insulation	Aircell	(C)-Exposed	Friable	Chrysotile	25-50%	G - Good	140	m	7	S-JWEL-97-001	

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Survey Location Reference	Floor	Room	Specific Location	Equipment Type	Material Description	Accessibility	Friability (Friable, Non-Friable)	Asbestos Type	% Present	Condition (Good, Fair, Poor, Abated, None)	Approximate Quantity	Units	Dir. 057 Action Required	Sample I.D.	Comments
614	Basement	Fountain room	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(C)-Exposed	Friable	Chrysotile	50-75%	G - Good	60	Fitting	7	S-JWEL-00-02	
615	Basement	Under stairs	Pipe	Mechanical/pipe insulation	Magnesia Block	(B)	Friable	Amosite and Chrysotile	25-50% and 5-25%	G - Good	10	m	7	S-JWEL-00-SA11	
615	Basement	Under stairs	Pipe	Mechanical/pipe insulation	Aircell	(B)	Friable	Chrysotile	25-50%	G - Good	25	m	7	S-JWEL-97-001	
615	Basement	Under stairs	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(B)	Friable	Chrysotile	50-75%	G - Good	8	Fitting	7	S-JWEL-00-02	
616A	Basement	Corridor	Duct	Mechanical/pipe insulation	Parging cement on duct insulation	(D)	Friable	Chrysotile	50-75%	U - Unknown	30	m^2	7	S-JWEL-00-SA-25	Suspected to be present inside a shaft on the west side of the room
616B	Basement	Washroom	Pipe	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	30	m	7	S-JWEL-97-001, 003, or 008	Suspected inside solid walls on south side of room. Pipe insulation may be Aircell, Layered Cardboard Wrap or Magnesia Block
616B	Basement	Washroom	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	20	Fitting	7	S-JWEL-00-02	Suspected inside solid wall on south side of room.
618	Basement	Tool shop	Pipe	Mechanical/pipe insulation	Magnesia Block	(C)-Exposed	Friable	Amosite and Chrysotile	25-50% and 5-25%	G - Good	10	m	7	S-JWEL-00-SA11	
618	Basement	Tool shop	Pipe	Mechanical/pipe insulation	Aircell	(C)-Exposed	Friable	Chrysotile	25-50%	G - Good	15	m	7	S-JWEL-97-001	
618	Basement	Tool shop	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(C)-Exposed	Friable	Chrysotile	50-75%	G - Good	20	Fitting	7	S-JWEL-00-02	
619	Basement	Basement perimeter pipe chase, south	Pipe	Mechanical/pipe insulation	Magnesia Block	(B)	Friable	Amosite and Chrysotile	25-50% and 5-25%	G - Good	300	m	7	S-JWEL-00-SA11	Insulation traverses up the building from the basement to the 5th and 6th floors supplying all perimeter radiators
619	Basement	Basement perimeter pipe chase, south	Pipe	Mechanical/pipe insulation	Aircell	(B)	Friable	Chrysotile	25-50%	G - Good	400	m	7	S-JWEL-97-001	Insulation traverses up the building from the basement to the 5th and 6th floors supplying all perimeter radiators
619	Basement	Basement perimeter pipe chase, south	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(B)	Friable	Chrysotile	50-75%	G - Good	450	Fitting	7	S-JWEL-00-02	Insulation traverses up the building from the basement to the 5th and 6th floors supplying all perimeter radiators
621	Basement	Basement perimeter pipe chase, north	Pipe	Mechanical/pipe insulation	Magnesia Block	(B)	Friable	Amosite and Chrysotile	25-50% and 5-25%	G - Good	300	m	7	S-JWEL-00-SA11	Insulation traverses up the building from the basement to the 5th and 6th floors supplying all perimeter radiators
621	Basement	Basement perimeter pipe chase, north	Pipe	Mechanical/pipe insulation	Aircell	(B)	Friable	Chrysotile	25-50%	G - Good	400	m	7	S-JWEL-97-001	Insulation traverses up the building from the basement to the 5th and 6th floors supplying all perimeter radiators
621	Basement	Basement perimeter pipe chase, north	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(B)	Friable	Chrysotile	50-75%	G - Good	450	Fitting	7	S-JWEL-00-02	Insulation traverses up the building from the basement to the 5th and 6th floors supplying all perimeter radiators
Throughout	Basement	Throughout	Incandescent light fixtures	Thermal Insulation	Light heat shield	(C)-Concealed	Friable	Chrysotile	25-50%	G - Good	2	Heat shields	7	S-JWEL-00-SA-06	Light heat shields may be present associated with other incandescent light fixtures in the building.

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Survey Location Reference	Floor	Room	Specific Location	Equipment Type	Material Description	Accessibility	Friability (Friable, Non-Friable)	Asbestos Type	% Present	Condition (Good, Fair, Poor, Abated, None)	Approximate Quantity	Units	Dir. 057 Action Required	Sample I.D.	Comments
Ground Floor															
533	Ground	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
533	Ground	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
534	Ground	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
534	Ground	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
535	Ground	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
535	Ground	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
536	Ground	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	48	m	7	S-JWEL-97-001, 003, or 008	
536	Ground	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	35	Fitting	7	S-JWEL-00-02	
537	Ground	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
537	Ground	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
538	Ground	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	20	m	7	S-JWEL-97-001, 003, or 008	
538	Ground	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	15	Fitting	7	S-JWEL-00-02	
539	Ground	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
539	Ground	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
540	Ground	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	20	m	7	S-JWEL-97-001, 003, or 008	
540	Ground	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
540	Ground	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column
540	Ground	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
541A	Ground	Electrical/ transformer room	Door	Suspected Asbestos-Containing Material	Door lining	(D)	Friable	Suspect	Unknown	U - Unknown	1	Door	7	Suspect	ACM door lining suspected beneath door cladding.
541B	Ground	Electrical room	Pipe	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	G - Good	30	m	7	S-JWEL-97-001 or 008	In shaft that serves east walkway
542A	Ground	Storage	Piping above ceiling	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(D)	Friable	Chrysotile	25-50%	G - Good	12	m	7	S-JWEL-97-001 or 008	Above ceiling
542A	Ground	Storage	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
542A	Ground	Storage	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
542B	Ground	Storage	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
542B	Ground	Storage	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
543	Ground	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	60	m	7	S-JWEL-97-001, 003, or 008	
543	Ground	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	45	Fitting	7	S-JWEL-00-02	
543	Ground	Storage	Piping above ceiling	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(D)	Friable	Chrysotile	25-50%	G - Good	30	m	7	S-JWEL-97-001 or 008	Above ceiling
543	Ground	Storage	Piping above ceiling	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	40	Fitting	7	S-JWEL-00-02	Above ceiling
545	Ground	Office area	Piping associated with radiator(s) in internal column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	24	m	7	S-JWEL-97-001, 003, or 008	Multiple pipe runs assumed inside 1 internal column. Pipe insulation may be Aircell, Layered Cardboard Wrap or Magnesia Block
545	Ground	Office area	Piping associated with radiator(s) in internal column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	15	Fitting	7	S-JWEL-00-02	Assumed inside 1 internal column
545	Ground	Storage	Piping above ceiling	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	G - Good	55	m	7	S-JWEL-97-001 or 008	Above ceiling
545	Ground	Storage	Piping above ceiling	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	30	Fitting	7	S-JWEL-00-02	Above ceiling
545	Ground	Storage	Duct	Mechanical/pipe insulation	Parging cement on duct insulation	(D)	Friable	Chrysotile	50-75%	G - Good	20	m^2	7	S-JWEL-00-SA-25	Suspected above ceiling on west sdie of room
546	Ground	Office area	Piping associated with radiator(s) in internal column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	96	m	7	S-JWEL-97-001, 003, or 008	Multiple pipe runs assumed inside 4 internal columns. Pipe insulation may be Aircell, Layered Cardboard Wrap or Magnesia Block
546	Ground	Office area	Piping associated with radiator(s) in internal column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	60	Fitting	7	S-JWEL-00-02	Assumed inside 4 internal columns
546	Ground	Office area	Piping above ceiling	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	G - Good	65	m	7	S-JWEL-97-001 or 008	Above ceiling, includes piping for ceiling mounted heaters
546	Ground	Office area	Piping above ceiling	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	40	Fitting	7	S-JWEL-00-02	Above ceiling, includes piping for ceiling mounted heaters
547	Ground	Storage	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	32	m	7	S-JWEL-97-001, 003, or 008	

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Survey Location Reference	Floor	Room	Specific Location	Equipment Type	Material Description	Accessibility	Friability (Friable, Non-Friable)	Asbestos Type	% Present	Condition (Good, Fair, Poor, Abated, None)	Approximate Quantity	Units	Dir. 057 Action Required	Sample I.D.	Comments
547	Ground	Storage	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	20	Fitting	7	S-JWEL-00-02	
547	Ground	Storage	Piping above ceiling	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	G - Good	75	m	7	S-JWEL-97-001 or 008	Above ceiling
547	Ground	Storage	Piping above ceiling	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	45	Fitting	7	S-JWEL-00-02	Above ceiling
548	Ground	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
548	Ground	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
549	Ground	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
549	Ground	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
550	Ground	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
550	Ground	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
551	Ground	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
551	Ground	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
552	Ground	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
552	Ground	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
553	Ground	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
553	Ground	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
554	Ground	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
554	Ground	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
555	Ground	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
555	Ground	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
557	Ground	Office area	Piping associated with radiator(s) in internal column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	72	m	7	S-JWEL-97-001, 003, or 008	Multiple pipe runs assumed inside 3 internal columns. Pipe insulation may be Aircell, Layered Cardboard Wrap or Magnesia Block
557	Ground	Office area	Piping associated with radiator(s) in internal column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	45	Fitting	7	S-JWEL-00-02	Assumed inside 3 internal columns
557	Ground	Storage	Piping above ceiling	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	G - Good	85	m	7	S-JWEL-97-001 or 008	Above ceiling, includes piping for ceiling mounted heaters
557	Ground	Storage	Piping above ceiling	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	60	Fitting	7	S-JWEL-00-02	Above ceiling, includes piping for ceiling mounted heaters
557	Ground	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	Assumed inside perimeter wall. Insulation may be Aircell, Layered Cardboard Wrap or Magnesia Block
557	Ground	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	Assumed inside perimeter wall
558	Ground	Office area	Piping associated with radiator(s) in internal column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	48	m	7	S-JWEL-97-001, 003, or 008	Multiple pipe runs assumed inside 2 internal columns. Pipe insulation may be Aircell, Layered Cardboard Wrap or Magnesia Block
558	Ground	Office area	Piping associated with radiator(s) in internal column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	30	Fitting	7	S-JWEL-00-02	Assumed inside 2 internal columns
558	Ground	Storage	Piping above ceiling	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	G - Good	85	m	7	S-JWEL-97-001 or 008	Above ceiling
558	Ground	Storage	Piping above ceiling	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	60	Fitting	7	S-JWEL-00-02	Above ceiling
559	Ground	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
559	Ground	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
560	Ground	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
560	Ground	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
561	Ground	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
561	Ground	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
562	Ground	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
562	Ground	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
563	Ground	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
563	Ground	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	

Asbestos Database - West Memorial Building, 344 Wellington - March 2014

Survey Location Reference	Floor	Room	Specific Location	Equipment Type	Material Description	Accessibility	Friability (Friable, Non-Friable)	Asbestos Type	% Present	Condition (Good, Fair, Poor, Abated, None)	Approximate Quantity	Units	Dir. 057 Action Required	Sample I.D.	Comments
564	Ground	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	34	m	7	S-JWEL-97-001, 003, or 008	
564	Ground	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	25	Fitting	7	S-JWEL-00-02	
564	Ground	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column
564	Ground	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
565	Ground	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
565	Ground	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
567	Ground	Storage	Piping associated with radiator(s) in internal column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	48	m	7	S-JWEL-97-001, 003, or 008	Multiple pipe runs assumed inside 2 internal columns. Pipe insulation may be Aircell, Layered Cardboard Wrap or Magnesia Block
567	Ground	Storage	Piping associated with radiator(s) in internal column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	30	Fitting	7	S-JWEL-00-02	Assumed inside 2 internal columns
567	Ground	Storage	Piping above ceiling	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	G - Good	60	m	7	S-JWEL-97-001 or 008	Above ceiling
567	Ground	Storage	Piping above ceiling	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	20	Fitting	7	S-JWEL-00-02	Above ceiling
568	Ground	Storage	Piping associated with radiator(s) in internal column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	48	m	7	S-JWEL-97-001, 003, or 008	Multiple pipe runs assumed inside 2 internal columns. Pipe insulation may be Aircell, Layered Cardboard Wrap or Magnesia Block
568	Ground	Storage	Piping associated with radiator(s) in internal column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	30	Fitting	7	S-JWEL-00-02	Assumed inside 2 internal columns
568	Ground	Storage	Piping above ceiling	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(D)	Friable	Chrysotile	25-50%	G - Good	140	m	7	S-JWEL-97-001 or 008	Above ceiling
568	Ground	Storage	Piping above ceiling	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	60	Fitting	7	S-JWEL-00-02	Above ceiling
570	Ground	Storage	Piping associated with radiator(s) in internal column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	72	m	7	S-JWEL-97-001, 003, or 008	Multiple pipe runs assumed inside 3 internal columns. Pipe insulation may be Aircell, Layered Cardboard Wrap or Magnesia Block
570	Ground	Storage	Piping associated with radiator(s) in internal column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	45	Fitting	7	S-JWEL-00-02	Assumed inside 3 internal columns
570	Ground	Storage	Piping above ceiling	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	G - Good	85	m	7	S-JWEL-97-001 or 008	Above ceiling, includes piping for ceiling mounted heaters
570	Ground	Storage	Piping above ceiling	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	60	Fitting	7	S-JWEL-00-02	Above ceiling, includes piping for ceiling mounted heaters
571	Ground	Storage	Piping associated with radiator(s) in internal column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	48	m	7	S-JWEL-97-001, 003, or 008	Multiple pipe runs assumed inside 2 internal columns. Pipe insulation may be Aircell, Layered Cardboard Wrap or Magnesia Block
571	Ground	Storage	Piping associated with radiator(s) in internal column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	30	Fitting	7	S-JWEL-00-02	Assumed inside 2 internal columns
571	Ground	Storage	Duct	Mechanical/pipe insulation	Parging cement on cork duct insulation	(D)	Friable	Chrysotile	50-75%	G - Good	30	m^2	7	S-JWEL-00-SA-25	
571	Ground	Storage	Piping above ceiling	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	G - Good	30	m	7	S-JWEL-97-001, 003, or 008	Above ceiling
572	Ground	Locker room	Pipe	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	U - Unknown	m	7	S-JWEL-97-001, 003, or 008	Piping observed behind terracotta walls, no access for quantification
572	Ground	Locker room	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	U - Unknown	Fitting	7	S-JWEL-00-02	Piping observed behind terracotta walls, no access for quantification
572	Ground	Locker room	Duct	Mechanical/pipe insulation	Parging cement on cork duct insulation	(D)	Friable	Chrysotile	50-75%	G - Good	30	m^2	7	S-JWEL-00-SA-25	Under fibreglass insulation. Connects to shaft
574	Ground	Men's washroom	Piping in wall	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	30	m	7	S-JWEL-97-001, 003, or 008	Assumed inside solid wall on north side of room. Pipe insulation may be ACM Aircell, Layered Cardboard Wrap or Magnesia Block
574	Ground	Men's washroom	Piping in wall	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	Assumed inside solid wall on north side of room
574	Ground	Men's washroom	Piping associated with radiator(s) in internal column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	24	m	7	S-JWEL-97-001, 003, or 008	Multiple pipe runs assumed inside 1 internal column. Pipe insulation may be Aircell, Layered Cardboard Wrap or Magnesia Block
574	Ground	Men's washroom	Piping associated with radiator(s) in internal column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	15	Fitting	7	S-JWEL-00-02	Assumed inside 1 internal column
576	Ground	Disabled Washroom	Piping above ceiling	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(D)	Friable	Chrysotile	25-50%	G - Good	8	m	7	S-JWEL-97-001 or 008	Above ceiling
576	Ground	Disabled Washroom	Piping above ceiling	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	5	Fitting	7	S-JWEL-00-02	Above ceiling
577	Ground	Storage	Piping associated with radiator(s) in internal column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	96	m	7	S-JWEL-97-001, 003, or 008	Multiple pipe runs assumed inside 4 internal columns. Pipe insulation may be Aircell, Layered Cardboard Wrap or Magnesia Block
577	Ground	Storage	Piping associated with radiator(s) in internal column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	60	Fitting	7	S-JWEL-00-02	Assumed inside 4 internal columns
577	Ground	Storage	Piping above ceiling	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	G - Good	70	m	7	S-JWEL-97-001 or 008	Above ceiling, includes piping for ceiling mounted heaters
577	Ground	Storage	Piping above ceiling	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	40	Fitting	7	S-JWEL-00-02	Above ceiling, includes piping for ceiling mounted heaters
577	Ground	Storage	Piping above ceiling	Mechanical/pipe insulation	Aircell	(D)	Friable	Chrysotile	25-50%	P - Poor	1	m^2	7	S-JWEL-97-001	Above ceiling
578	Ground	Storage	Piping above ceiling	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	G - Good	60	m	7	S-JWEL-00-SA11	Above ceiling

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Survey Location Reference	Floor	Room	Specific Location	Equipment Type	Material Description	Accessibility	Friability (Friable, Non-Friable)	Asbestos Type	% Present	Condition (Good, Fair, Poor, Abated, None)	Approximate Quantity	Units	Dir. 057 Action Required	Sample I.D.	Comments
578	Ground	Storage	Piping above ceiling	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	40	Fitting	7	S-JWEL-00-02	Above ceiling, includes piping for ceiling mounted heaters
578	Ground	Storage	Door	Suspected Asbestos-Containing Material	Door lining	(D)	Friable	Suspect	Unknown	U - Unknown	1	Door	7	Suspect	
579	Ground	Storage	Wall	Other Materials Containing Asbestos	Tar Strip on top of Wall	(C)-Exposed	Non-friable	Chrysotile	4.20%	G - Good	20	m	7	DST-36A	Tar strip on top of textured wall. Tar layer associated with cork does no contain asbestos (DST Samples 35A-C)
579	Ground	Storage	Piping associated with radiator(s) in internal column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	24	m	7	S-JWEL-97-001, 003, or 008	Multiple pipe runs assumed inside 1 internal column. Pipe insulation may be Aircell, Layered Cardboard Wrap or Magnesia Block
579	Ground	Storage	Piping associated with radiator(s) in internal column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	15	Fitting	7	S-JWEL-00-02	Assumed inside 1 internal column
579	Ground	Storage	Piping above ceiling	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	G - Good	60	m	7	S-JWEL-97-001 or 008	Above ceiling, includes piping for ceiling mounted heaters
579	Ground	Storage	Piping above ceiling	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	40	Fitting	7	S-JWEL-00-02	Above ceiling, includes piping for ceiling mounted heaters
580	Ground	Pipe chase for Men's and Women's washrooms	Pipe	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(B)	Friable	Chrysotile	25-50%	G - Good	15	m	7	S-JWEL-97-001 or 008	
580	Ground	Pipe chase for Men's and Women's washrooms	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(B)	Friable	Chrysotile	50-75%	G - Good	25	Fitting	7	S-JWEL-00-02	
580	Ground	Pipe chase for Men's and Women's washrooms	Pipe	Mechanical/pipe insulation	Magnesia Block	(C)-Concealed	Friable	Amosite and Chrysotile	25-50% and 5-25%	G - Good	20	m	7	S-JWEL-00-SA11	
581	Ground	Storage	Piping associated with radiator(s) in internal column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	300	m	7	S-JWEL-97-001, 003, or 008	Multiple pipe runs assumed inside 13 internal columns (including shaft in south east corner of area). Pipe insulation may be Aircell, Layered Cardboard Wrap or Magnesia Block
581	Ground	Storage	Piping associated with radiator(s) in internal column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	130	Fitting	7	S-JWEL-00-02	Assumed inside 13 internal columns
581	Ground	Storage	Piping above ceiling	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	G - Good	625	m	7	S-JWEL-97-001 or 008	Above ceiling, includes piping for ceiling mounted heaters
581	Ground	Storage	Piping above ceiling	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	300	Fitting	7	S-JWEL-00-02	Above ceiling, includes piping for ceiling mounted heaters
582	Ground	Storage	Piping associated with radiator(s) in internal column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	48	m	7	S-JWEL-97-001, 003, or 008	Multiple pipe runs assumed inside 2 internal columns (including shaft in south east corner of area). Pipe insulation may be Aircell, Layered Cardboard Wrap or Magnesia Block
582	Ground	Storage	Piping associated with radiator(s) in internal column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	30	Fitting	7	S-JWEL-00-02	Assumed inside 2 internal columns
582	Ground	Storage	Piping above ceiling	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	G - Good	60	m	7	S-JWEL-97-001 or 008	Above ceiling
582	Ground	Storage	Piping above ceiling	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	60	Fitting	7	S-JWEL-00-02	Above ceiling
583	Ground	Women's washroom	Piping associated with radiator(s) in internal column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	24	m	7	S-JWEL-97-001, 003, or 008	Multiple pipe runs assumed inside 1 internal column. Pipe insulation may be Aircell, Layered Cardboard Wrap or Magnesia Block
583	Ground	Women's washroom	Piping associated with radiator(s) in internal column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	15	Fitting	7	S-JWEL-00-02	Assumed inside 1 internal column
583	Ground	Women's washroom	Piping in wall	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	30	m	7	S-JWEL-97-001, 003, or 008	Assumed inside solid walls on south and west sides of room. Pipe insulation may be ACM Aircell, Layered Cardboard Wrap or Magnesia Block
583	Ground	Women's washroom	Piping in wall	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	Assumed inside solid walls on south and west sides of room
584	Ground	PCO Storage	Floor	Vinyl Floor Tiles	12"x12", White with large black streaks	(A)	Non-friable	Chrysotile	0.79%	G - Good	46	m^2	7	DST-39A	
584	Ground	PCO Storage	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
584	Ground	PCO Storage	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
585	Ground	PCO Storage	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	192	m	7	S-JWEL-97-001, 003, or 008	
585	Ground	PCO Storage	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	135	Fitting	7	S-JWEL-00-02	
585	Ground	PCO Storage	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column
585	Ground	PCO Storage	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
586	Ground	Loading dock	Pipe	Mechanical/pipe insulation	Aircell	(C)-Exposed	Friable	Chrysotile	25-50%	G - Good	40	m	7	S-JWEL-97-001	Above loading dock doors
586	Ground	Loading dock	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(C)-Exposed	Friable	Chrysotile	50-75%	G - Good	23	Fitting	7	S-JWEL-00-02	Above loading dock doors
586	Ground	Loading dock	Fire Doors	Suspected Asbestos-Containing Material	Door linings	(D)	Friable	Suspect	Unknown	U - Unknown	3	Door	7	Suspect	Door lining suspected ACM, no access
586	Ground	Loading dock, north	Duct	Mechanical/pipe insulation	Parging cement on duct insulation	(D)	Friable	Chrysotile	50-75%	G - Good	30	m^2	7	S-JWEL-00-SA-25	Located north west corner of area, connects to shaft adjacent to guard booth
586	Ground	Loading dock	Piping associated with radiator(s) in internal column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	24	m	7	S-JWEL-97-001, 003, or 008	Assumed inside 3 internal columns. Pipe insulation may be Aircell, Layered Cardboard Wrap or Magnesia Block
586	Ground	Loading dock	Piping associated with radiator(s) in internal column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	15	Fitting	7	S-JWEL-00-02	Assumed inside 3 internal columns
587	Ground	Storage	Duct	Mechanical/pipe insulation	Parging cement on duct insulation	(A)	Friable	Chrysotile	50-75%	G - Good	30	m^2	7	S-JWEL-00-SA-25	
587	Ground	Storage	Pipe	Mechanical/pipe insulation	Aircell	(A)	Friable	Chrysotile	25-50%	G - Good	50	m	7	S-JWEL-97-001	
587	Ground	Storage	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(A)	Friable	Chrysotile	50-75%	G - Good	40	Fitting	7	S-JWEL-00-02	

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Survey Location Reference	Floor	Room	Specific Location	Equipment Type	Material Description	Accessibility	Friability (Friable, Non-Friable)	Asbestos Type	% Present	Condition (Good, Fair, Poor, Abated, None)	Approximate Quantity	Units	Dir. 057 Action Required	Sample I.D.	Comments
587	Ground	Storage	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	114	m	7	S-JWEL-97-001, 003, or 008	Assumed inside perimeter columns. North columns have double quantities. Pipe insulation may be Aircell, Layered Cardboard Wrap or Magnesia Block
587	Ground	Storage	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	75	Fitting	7	S-JWEL-00-02	Assumed inside perimeter columns. North columns have double quantities
587	Ground	Storage	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column
587	Ground	Storage	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
588	Ground	Women's washroom	Piping in wall	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	30	m	7	S-JWEL-97-001, 003, or 008	Assumed inside solid wall on west side of room
588	Ground	Women's washroom	Piping in wall	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	Assumed inside solid wall on west side of room. Pipe insulation may be Aircell, Layered Cardboard Wrap or Magnesia Block
589	Ground	Disabled Washroom	Piping in wall	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	30	m	7	S-JWEL-97-001, 003, or 008	Assumed inside solid wall on west side of room
589	Ground	Disabled Washroom	Piping in wall	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	Assumed inside solid wall on west side of room. Pipe insulation may be Aircell, Layered Cardboard Wrap or Magnesia Block
590	Ground	Men's washroom	Piping in wall	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	30	m	7	S-JWEL-97-001, 003, or 008	Assumed inside solid wall on west side of room
590	Ground	Men's washroom	Piping in wall	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	Assumed inside solid wall on west side of room. Pipe insulation may be Aircell, Layered Cardboard Wrap or Magnesia Block
591	Ground	Corridor	Floor	Vinyl Floor Tiles	12"x12, Beige with red streaks	(A)	Non-friable	Chrysotile	8.10%	G - Good	100	m^2	7	S-DST-13A	
591	Ground	Corridor	Ceiling	Ceiling Tiles	2'x2' Transite ceiling tiles with pinholes	(C)-Exposed	Non-friable	Chrysotile	5-25%	G - Good	100	m^2	7	S-JWEL-00-SA-14	
593	Ground	Central Corridor	Pipe	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	G - Good	100	m	7	S-JWEL-97-001 or 008	40 linear metres of piping running across corridor (north to south) in 4 areas (10 linear metres in each area). 60 linear metres of piping associated with ceiling mounted heaters
593	Ground	Central Corridor	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	40	Fitting	7	S-JWEL-00-02	Associated with ceiling mounted heaters
625	Ground	Electrical room	Pipe	Other Materials Containing Asbestos	Transite pipe	(B)	Non-friable	Chrysotile and Crocidolite	5-25% and 25-50%	G - Good	6	m	7	S-JWEL-00-SA16	
627	Ground	Electrical room	Pipe	Other Materials Containing Asbestos	Transite pipe	(B)	Non-friable	Chrysotile and Crocidolite	5-25% and 25-50%	G - Good	6	m	7	S-JWEL-00-SA16	
647	Ground	Parking lot entrance guard booth	Floor	Vinyl Floor Tiles	12"x12" Vinyl floor tiles, red and green	(A)	Non-friable	Chrysotile	10.00%	G - Good	6	m^2	7	GEC-SA-15a	
647	Ground	Parking lot entrance guard booth	Floor	Other Materials Containing Asbestos	Vinyl base border mastic	(C)-Concealed	Non-friable	Chrysotile	2.00%	U - Unknown	U - Unknown	m^2	7	GEC-SA-16a	
Stairwell S3	Ground	North west stairwell	Piping associated with radiator	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	8	m	7	S-JWEL-97-001, 003, or 008	Assumed inside solid wall of stairwell. Pipe insulation may be Aircell, Layered Cardboard Wrap or Magnesia Block
Stairwell S3	Ground	North west stairwell	Piping associated with radiator	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	Assumed inside solid wall of stairwell
Stairwell S4	Ground	North east stairwell	Piping associated with radiator	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	8	m	7	S-JWEL-97-001, 003, or 008	Assumed inside solid wall of stairwell. Pipe insulation may be Aircell, Layered Cardboard Wrap or Magnesia Block
Stairwell S4	Ground	North east stairwell	Piping associated with radiator	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	Assumed inside solid wall of stairwell
Hydro Room (not accessible)	Ground	Hydro Room (not accessible)	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	24	m	7	S-JWEL-97-001, 003, or 008	Assumed inside perimeter columns (may also be exposed). Pipe insulation may be Aircell, Layered Cardboard Wrap or Magnesia Block
Hydro Room (not accessible)	Ground	Hydro Room (not accessible)	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	15	Fitting	7	S-JWEL-00-02	Assumed inside perimeter columns (may also be exposed)
Hydro Room (not accessible)	Ground	Hydro Room (not accessible)	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column
Hydro Room (not accessible)	Ground	Hydro Room (not accessible)	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column

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Survey Location Reference	Floor	Room	Specific Location	Equipment Type	Material Description	Accessibility	Friability (Friable, Non-Friable)	Asbestos Type	% Present	Condition (Good, Fair, Poor, Abated, None)	Approximate Quantity	Units	Dir. 057 Action Required	Sample I.D.	Comments
First Floor															
432	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	82	m	7	S-JWEL-97-001, 003, or 008	
432	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	60	Fitting	7	S-JWEL-00-02	
432	1st	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column
432	1st	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
433	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
433	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
434	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
434	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
435	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
435	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
436A	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
436A	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
436B	1st	Storage	Pipe	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(B)	Friable	Chrysotile	25-50%	G - Good	25	m	7	S-JWEL-97-001 or 008	
436B	1st	Storage	Pipe	Mechanical/pipe insulation	Magnesia Block	(B)	Friable	Amosite and Chrysotile	25-50% and 5-25%	G - Good	25	m	7	S-JWEL-00-SA11	
436B	1st	Storage	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(B)	Friable	Chrysotile	50-75%	G - Good	20	Fitting	7	S-JWEL-00-02	
437	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	22	m	7	S-JWEL-97-001, 003, or 008	
437	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	15	Fitting	7	S-JWEL-00-02	
438	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
438	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
439	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
439	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
440	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	26	m	7	S-JWEL-97-001, 003, or 008	
440	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	20	Fitting	7	S-JWEL-00-02	
441	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	22	m	7	S-JWEL-97-001, 003, or 008	
441	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	15	Fitting	7	S-JWEL-00-02	
441	1st	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column
441	1st	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
442	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	22	m	7	S-JWEL-97-001, 003, or 008	
442	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	15	Fitting	7	S-JWEL-00-02	
442	1st	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column
442	1st	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
443	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
443	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
444	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
444	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
445	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
445	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
446	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
446	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	

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Survey Location Reference	Floor	Room	Specific Location	Equipment Type	Material Description	Accessibility	Friability (Friable, Non-Friable)	Asbestos Type	% Present	Condition (Good, Fair, Poor, Abated, None)	Approximate Quantity	Units	Dir. 057 Action Required	Sample I.D.	Comments
447	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
447	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
448	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
448	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
449	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
449	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
450	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
450	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
451	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
451	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
452	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
452	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
453	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
453	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
454	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
454	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
455	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
455	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
456	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
456	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
457	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
457	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
458	1st	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column
458	1st	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
458	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
458	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
459	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	8	m	7	S-JWEL-97-001, 003, or 008	
459	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
460	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	16	m	7	S-JWEL-97-001, 003, or 008	
460	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
461	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	30	m	7	S-JWEL-97-001, 003, or 008	
461	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	20	Fitting	7	S-JWEL-00-02	
462	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	8	m	7	S-JWEL-97-001, 003, or 008	
462	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
462	1st	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column
462	1st	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
462A	1st	Pipe shaft	Pipe	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(B)	Friable	Chrysotile	25-50%	G - Good	25	m	7	S-JWEL-97-001 or 008	
462A	1st	Pipe shaft	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(B)	Friable	Chrysotile	50-75%	G - Good	6	Fitting	7	S-JWEL-00-02	
463	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	80	m	7	S-JWEL-97-001, 003, or 008	
463	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	60	Fitting	7	S-JWEL-00-02	

Asbestos Database - West Memorial Building, 344 Wellington - March 2014

Survey Location Reference	Floor	Room	Specific Location	Equipment Type	Material Description	Accessibility	Friability (Friable, Non-Friable)	Asbestos Type	% Present	Condition (Good, Fair, Poor, Abated, None)	Approximate Quantity	Units	Dir. 057 Action Required	Sample I.D.	Comments
463	1st	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column
463	1st	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
464	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	22	m	7	S-JWEL-97-001, 003, or 008	
464	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	15	Fitting	7	S-JWEL-00-02	
465	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	36	m	7	S-JWEL-97-001, 003, or 008	
465	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	25	Fitting	7	S-JWEL-00-02	
466	1st	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column
466	1st	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
466	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	12	m	7	S-JWEL-97-001, 003, or 008	
466	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
467	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
467	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
468	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
468	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
469	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	46	m	7	S-JWEL-97-001, 003, or 008	
469	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	35	Fitting	7	S-JWEL-00-02	
469	1st	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column
469	1st	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
469	1st	Office area	Piping above ceiling	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(D)	Friable	Chrysotile	25-50%	G - Good	15	m	7	S-JWEL-97-001 or 008	Assumed above ceiling
469	1st	Office area	Piping above ceiling	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	5	Fitting	7	S-JWEL-00-02	Assumed above ceiling
470	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
470	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
471	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
471	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
472	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
472	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
473	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
473	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
474	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
474	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
475	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
475	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
476	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
476	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
476	1st	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column
476	1st	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
477	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	20	m	7	S-JWEL-97-001, 003, or 008	
477	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	15	Fitting	7	S-JWEL-00-02	
478	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
478	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	

Asbestos Database - West Memorial Building, 344 Wellington - March 2014

Survey Location Reference	Floor	Room	Specific Location	Equipment Type	Material Description	Accessibility	Friability (Friable, Non-Friable)	Asbestos Type	% Present	Condition (Good, Fair, Poor, Abated, None)	Approximate Quantity	Units	Dir. 057 Action Required	Sample I.D.	Comments
478	1st	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column
478	1st	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
479	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
479	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
480	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	20	m	7	S-JWEL-97-001, 003, or 008	
480	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	15	Fitting	7	S-JWEL-00-02	
481	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
481	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
482	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	34	m	7	S-JWEL-97-001, 003, or 008	
482	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	25	Fitting	7	S-JWEL-00-02	
482	1st	Office area	Piping above ceiling	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(D)	Friable	Chrysotile	25-50%	G - Good	6	m	7	S-JWEL-97-001 or 008	Assumed above ceiling
482	1st	Office area	Piping above ceiling	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	5	Fitting	7	S-JWEL-00-02	Assumed above ceiling
482	1st	Office area	Piping above ceiling	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(D)	Friable	Chrysotile	25-50%	G - Good	15	m	7	S-JWEL-97-001 or 008	Assumed above ceiling
482	1st	Office area	Piping above ceiling	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	5	Fitting	7	S-JWEL-00-02	Assumed above ceiling
483	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	28	m	7	S-JWEL-97-001, 003, or 008	
483	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	20	Fitting	7	S-JWEL-00-02	
484	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	54	m	7	S-JWEL-97-001, 003, or 008	
484	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	40	Fitting	7	S-JWEL-00-02	
485	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
485	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
486	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
486	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
487A	1st	Men's washroom	Piping in wall	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	30	m	7	S-JWEL-97-001, 003, or 008	Assumed inside solid wall on north side of room. Pipe insulation may be ACM Aircell, Layered Cardboard Wrap or Magnesia Block
487A	1st	Men's washroom	Piping in wall	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	Assumed inside solid wall on north side of room
487A	1st	Men's washroom	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
487A	1st	Men's washroom	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
487B	1st	Janitor closet	Piping in wall	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	5	m	7	S-JWEL-97-001, 003, or 008	Assumed inside solid wall on north side of room. Pipe insulation may be ACM Aircell, Layered Cardboard Wrap or Magnesia Block
487B	1st	Janitor closet	Piping in wall	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	Assumed inside solid wall on north side of room
487B	1st	Pipe chase for Men's and Women's washrooms	Pipe	Mechanical/pipe insulation	Magnesia Block	(B)	Friable	Amosite and Chrysotile	25-50% and 5-25%	G - Good	9	m	7	S-JWEL-00-SA11	
487B	1st	Pipe chase for Men's and Women's washrooms	Pipe	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(B)	Friable	Chrysotile	25-50%	G - Good	25	m	7	S-JWEL-97-001 or 008	
487B	1st	Pipe chase for Men's and Women's washrooms	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(B)	Friable	Chrysotile	50-75%	G - Good	20	Fitting	7	S-JWEL-00-02	
488	1st	Women's washroom	Piping in wall	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	30	m	7	S-JWEL-97-001, 003, or 008	Assumed inside solid wall on south side of room. Accessible via wall hatch in Room 489. Pipe insulation may be ACM Aircell, Layered Cardboard Wrap or Magnesia Block
488	1st	Women's washroom	Piping in wall	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	Assumed inside solid wall on south side of room. Accessible via wall hatch in Room 489
488	1st	Women's washroom	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
488	1st	Women's washroom	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
489	1st	Freight Elevator Lobby	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
489	1st	Freight Elevator Lobby	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
490	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
490	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
491	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	

Asbestos Database - West Memorial Building, 344 Wellington - March 2014

Survey Location Reference	Floor	Room	Specific Location	Equipment Type	Material Description	Accessibility	Friability (Friable, Non-Friable)	Asbestos Type	% Present	Condition (Good, Fair, Poor, Abated, None)	Approximate Quantity	Units	Dir. 057 Action Required	Sample I.D.	Comments
491	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
492	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
492	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
493	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
493	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
494	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
494	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
495	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
495	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
496	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
496	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
497	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
497	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
498	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
498	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
499	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
499	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
500	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
500	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
501	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
501	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
502	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	28	m	7	S-JWEL-97-001, 003, or 008	
502	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	20	Fitting	7	S-JWEL-00-02	
503	1st	Office area	Piping in wall	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	30	m	7	S-JWEL-97-001, 003, or 008	Assumed inside solid wall/shaft on north west side of room. Pipe insulation may be ACM Aircell, Layered Cardboard Wrap or Magnesia Block
503	1st	Office area	Piping in wall	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	Assumed inside solid/shaft wall north west side of room
503	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	8	m	7	S-JWEL-97-001, 003, or 008	
503	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
504A	1st	Men's washroom	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
504A	1st	Men's washroom	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
504B	1st	Pipe chase for Men's and Women's washrooms	Pipe	Mechanical/pipe insulation	Magnesia Block	(B)	Friable	Amosite and Chrysotile	25-50% and 5-25%	G - Good	9	m	7	S-JWEL-00-SA11	
504B	1st	Pipe chase for Men's and Women's washrooms	Pipe	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(B)	Friable	Chrysotile	25-50%	G - Good	25	m	7	S-JWEL-97-001 or 008	
504B	1st	Pipe chase for Men's and Women's washrooms	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(B)	Friable	Chrysotile	50-75%	G - Good	20	Fitting	7	S-JWEL-00-02	
505	1st	Women's washroom	Piping in wall	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	30	m	7	S-JWEL-97-001, 003, or 008	Assumed inside solid wall on north side of room. Pipe insulation may be ACM Aircell, Layered Cardboard Wrap or Magnesia Block
505	1st	Women's washroom	Piping in wall	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	Assumed inside solid wall on north side of room
505	1st	Women's washroom	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
505	1st	Women's washroom	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
506	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
506	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
507	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
507	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	

Asbestos Database - West Memorial Building, 344 Wellington - March 2014

Survey Location Reference	Floor	Room	Specific Location	Equipment Type	Material Description	Accessibility	Friability (Friable, Non-Friable)	Asbestos Type	% Present	Condition (Good, Fair, Poor, Abated, None)	Approximate Quantity	Units	Dir. 057 Action Required	Sample I.D.	Comments
508	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	56	m	7	S-JWEL-97-001, 003, or 008	
508	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	40	Fitting	7	S-JWEL-00-02	
508	1st	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column
508	1st	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
509	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
509	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
510	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	20	m	7	S-JWEL-97-001, 003, or 008	
510	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	15	Fitting	7	S-JWEL-00-02	
511	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
511	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
513A	1st	Men's washroom	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
513A	1st	Men's washroom	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
513B	1st	Pipe chase for Men's washroom	Pipe	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(B)	Friable	Chrysotile	25-50%	G - Good	15	m	7	S-JWEL-97-001 or 008	
513B	1st	Pipe chase for Men's washroom	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(B)	Friable	Chrysotile	50-75%	G - Good	10	Fitting	7	S-JWEL-00-02	
514A	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
514A	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
514A	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	12	m	7	S-JWEL-97-001, 003, or 008	
514A	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
514B	1st	Pipe chase for Men's washroom	Pipe	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(B)	Friable	Chrysotile	25-50%	G - Good	30	m	7	S-JWEL-97-001 or 008	
514B	1st	Pipe chase for Men's washroom	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(B)	Friable	Chrysotile	50-75%	G - Good	10	Fitting	7	S-JWEL-00-02	
515	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
515	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
515	1st	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column
515	1st	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
516	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
516	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
517	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
517	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
518	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	20	m	7	S-JWEL-97-001, 003, or 008	
518	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	15	Fitting	7	S-JWEL-00-02	
518	1st	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column
518	1st	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
519A	1st	Women's washroom	Piping in wall	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	30	m	7	S-JWEL-97-001, 003, or 008	Assumed inside solid wall on east side of room. Pipe insulation may be ACM Aircell, Layered Cardboard Wrap or Magnesia Block
519A	1st	Women's washroom	Piping in wall	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	Assumed inside solid wall on east side of room
519B	1st	Pipe chase for Women's' washroom	Pipe	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(B)	Friable	Chrysotile	25-50%	G - Good	15	m	7	S-JWEL-97-001 or 008	
519B	1st	Pipe chase for Women's' washroom	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(B)	Friable	Chrysotile	50-75%	G - Good	10	Fitting	7	S-JWEL-00-02	
520	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
520	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
521	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
521	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	

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Survey Location Reference	Floor	Room	Specific Location	Equipment Type	Material Description	Accessibility	Friability (Friable, Non-Friable)	Asbestos Type	% Present	Condition (Good, Fair, Poor, Abated, None)	Approximate Quantity	Units	Dir. 057 Action Required	Sample I.D.	Comments
522	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
522	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
523	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	20	m	7	S-JWEL-97-001, 003, or 008	
523	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	15	Fitting	7	S-JWEL-00-02	
524	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
524	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
525	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
525	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
526	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
526	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
527	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
527	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
528	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
528	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
529	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
529	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
530	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
530	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
531	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
531	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
532	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	8	m	7	S-JWEL-97-001, 003, or 008	
532	1st	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
532	1st	All corridors	Floor	Vinyl Floor Tiles	12"x12, Beige with red streaks	(A)	Non-friable	Chrysotile	8.10%	G - Good	650	m^2	7	S-DST-13A	
532	1st	All corridors	Ceiling	Ceiling Tiles	2'x2' Transite ceiling tiles with pinholes	(C)-Exposed	Non-friable	Chrysotile	5-25%	G - Good	790	m^2	7	S-JWEL-00-SA-14	
628	1st	Electrical room	Pipe	Other Materials Containing Asbestos	Transite pipe	(B)	Non-friable	Chrysotile and Crocidolite	5-25% and 25-50%	G - Good	6	m	7	S-JWEL-00-SA16	
630	1st	Electrical room	Pipe	Other Materials Containing Asbestos	Transite pipe	(B)	Non-friable	Chrysotile and Crocidolite	5-25% and 25-50%	G - Good	6	m	7	S-JWEL-00-SA16	
Stairwell S3	1st	North west stairwell	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	Assumed inside solid wall of stairwell. Pipe insulation may be Aircell, Layered Cardboard Wrap or Magnesia Block
Stairwell S3	1st	North west stairwell	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	Assumed inside solid wall of stairwell
Stairwell S4	1st	North east stairwell	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	Assumed inside solid wall of stairwell. Pipe insulation may be Aircell, Layered Cardboard Wrap or Magnesia Block
Stairwell S4	1st	North east stairwell	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	Assumed inside solid wall of stairwell

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Survey Location Reference	Floor	Room	Specific Location	Equipment Type	Material Description	Accessibility	Friability (Friable, Non-Friable)	Asbestos Type	% Present	Condition (Good, Fair, Poor, Abated, None)	Approximate Quantity	Units	Dir. 057 Action Required	Sample I.D.	Comments
Second Floor															
355	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	46	m	7	S-JWEL-97-001, 003, or 008	
355	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	35	Fitting	7	S-JWEL-00-02	
356	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
356	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
357	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
357	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
358	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
358	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
359	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
359	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
360	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	114	m	7	S-JWEL-97-001, 003, or 008	
360	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	95	Fitting	7	S-JWEL-00-02	
361	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	20	m	7	S-JWEL-97-001, 003, or 008	
361	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	25	Fitting	7	S-JWEL-00-02	
362	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	42	m	7	S-JWEL-97-001, 003, or 008	
362	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	30	Fitting	7	S-JWEL-00-02	
362	2nd	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column
362	2nd	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
363	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
363	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
363	2nd	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column
363	2nd	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
364	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
364	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
365	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
365	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
366	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
366	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
367	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
367	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
368	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
368	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
369	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
369	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
370	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	66	m	7	S-JWEL-97-001, 003, or 008	
370	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	50	Fitting	7	S-JWEL-00-02	
370	2nd	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column
370	2nd	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
371	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	

Asbestos Database - West Memorial Building, 344 Wellington - March 2014

Survey Location Reference	Floor	Room	Specific Location	Equipment Type	Material Description	Accessibility	Friability (Friable, Non-Friable)	Asbestos Type	% Present	Condition (Good, Fair, Poor, Abated, None)	Approximate Quantity	Units	Dir. 057 Action Required	Sample I.D.	Comments
371	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
371	2nd	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column
371	2nd	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
372	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
372	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
373	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
373	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
374	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
374	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
375	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	22	m	7	S-JWEL-97-001, 003, or 008	
375	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	15	Fitting	7	S-JWEL-00-02	
376	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	20	m	7	S-JWEL-97-001, 003, or 008	
376	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	15	Fitting	7	S-JWEL-00-02	
377	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	8	m	7	S-JWEL-97-001, 003, or 008	
377	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
378	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	110	m	7	S-JWEL-97-001, 003, or 008	
378	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	80	Fitting	7	S-JWEL-00-02	
378	2nd	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column
378	2nd	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
378	2nd	Office area	Pipe	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	G - Good	30	m	7	S-JWEL-97-001 or 008	In shaft that serves east walkway
379	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
379	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
379	2nd	Office area	Pipe	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	G - Good	30	m	7	S-JWEL-97-001 or 008	In shaft that serves east walkway
380	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	48	m	7	S-JWEL-97-001, 003, or 008	
380	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	35	Fitting	7	S-JWEL-00-02	
380	2nd	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column
380	2nd	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
381	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
381	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
382	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	30	m	7	S-JWEL-97-001, 003, or 008	
382	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	20	Fitting	7	S-JWEL-00-02	
382	2nd	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column
382	2nd	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
383	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	20	m	7	S-JWEL-97-001, 003, or 008	
383	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	15	Fitting	7	S-JWEL-00-02	
384	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
384	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
385	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
385	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
386	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	

Asbestos Database - West Memorial Building, 344 Wellington - March 2014

Survey Location Reference	Floor	Room	Specific Location	Equipment Type	Material Description	Accessibility	Friability (Friable, Non-Friable)	Asbestos Type	% Present	Condition (Good, Fair, Poor, Abated, None)	Approximate Quantity	Units	Dir. 057 Action Required	Sample I.D.	Comments
386	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
387	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
387	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
388	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
388	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
389	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
389	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
390	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
390	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
391	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
391	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
392	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
392	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
393	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
393	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
394	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
394	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
395	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
395	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
396	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
396	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
396	2nd	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column
396	2nd	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
397	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	28	m	7	S-JWEL-97-001, 003, or 008	
397	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	20	Fitting	7	S-JWEL-00-02	
398	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
398	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
398	2nd	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column
398	2nd	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
399	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	94	m	7	S-JWEL-97-001, 003, or 008	
399	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	70	Fitting	7	S-JWEL-00-02	
400	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
400	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
401	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
401	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
402	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
402	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
403	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
403	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
404	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	

Asbestos Database - West Memorial Building, 344 Wellington - March 2014

Survey Location Reference	Floor	Room	Specific Location	Equipment Type	Material Description	Accessibility	Friability (Friable, Non-Friable)	Asbestos Type	% Present	Condition (Good, Fair, Poor, Abated, None)	Approximate Quantity	Units	Dir. 057 Action Required	Sample I.D.	Comments
404	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
405	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	20	m	7	S-JWEL-97-001, 003, or 008	
405	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	15	Fitting	7	S-JWEL-00-02	
406A	2nd	Women's washroom	Piping in wall	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	30	m	7	S-JWEL-97-001, 003, or 008	Assumed inside solid wall on south side of room. Accessible via wall hatch in Room 405. Pipe insulation may be ACM Aircell, Layered Cardboard Wrap or Magnesia Block
406A	2nd	Women's washroom	Piping in wall	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	Assumed inside solid wall on south side of room. Accessible via wall hatch in Room 405
406A	2nd	Women's washroom	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
406A	2nd	Women's washroom	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
406B	2nd	Janitor closet	Piping in wall	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	5	m	7	S-JWEL-97-001, 003, or 008	Assumed inside solid wall on north side of room. Pipe insulation may be ACM Aircell, Layered Cardboard Wrap or Magnesia Block
406B	2nd	Janitor closet	Piping in wall	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	Assumed inside solid wall on north side of room
406B	2nd	Pipe chase for Men's and Women's washrooms	Pipe	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(B)	Friable	Chrysotile	25-50%	G - Good	15	m	7	S-JWEL-97-001 or 008	
406B	2nd	Pipe chase for Men's and Women's washrooms	Pipe	Mechanical/pipe insulation	Magnesia Block	(B)	Friable	Amosite and Chrysotile	25-50% and 5-25%	G - Good	12	m	7	S-JWEL-00-SA11	
406B	2nd	Pipe chase for Men's and Women's washrooms	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(B)	Friable	Chrysotile	50-75%	G - Good	20	Fitting	7	S-JWEL-00-02	
407	2nd	Men's washroom	Piping in wall	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	30	m	7	S-JWEL-97-001, 003, or 008	Assumed inside solid wall on north side of room. Pipe insulation may be ACM Aircell, Layered Cardboard Wrap or Magnesia Block
407	2nd	Men's washroom	Piping in wall	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	Assumed inside solid wall on north side of room
407	2nd	Men's washroom	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
407	2nd	Men's washroom	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
408	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	34	m	7	S-JWEL-97-001, 003, or 008	
408	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	25	Fitting	7	S-JWEL-00-02	
409	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
409	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
409	2nd	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column
409	2nd	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
410A	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	54	m	7	S-JWEL-97-001, 003, or 008	
410A	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	40	Fitting	7	S-JWEL-00-02	
410A	2nd	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column
410A	2nd	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
410B	2nd	Pipe chase for men's washroom	Pipe	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(B)	Friable	Chrysotile	25-50%	G - Good	12	m	7	S-JWEL-97-001 or 008	
410B	2nd	Pipe chase for men's washroom	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(B)	Friable	Chrysotile	50-75%	G - Good	5	Fitting	7	S-JWEL-00-02	
411A	2nd	Men's washroom	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
411A	2nd	Men's washroom	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
411B	2nd	Pipe chase for men's washroom	Pipe	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(B)	Friable	Chrysotile	25-50%	G - Good	15	m	7	S-JWEL-97-001 or 008	
411B	2nd	Pipe chase for men's washroom	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(B)	Friable	Chrysotile	50-75%	G - Good	10	Fitting	7	S-JWEL-00-02	
412	2nd	Disabled Washroom	Piping above ceiling	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(D)	Friable	Chrysotile	25-50%	G - Good	8	m	7	S-JWEL-97-001 or 008	Above ceiling
412	2nd	Disabled Washroom	Piping above ceiling	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	5	Fitting	7	S-JWEL-00-02	Above ceiling
413A	2nd	Women's washroom	Piping in wall	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	30	m	7	S-JWEL-97-001, 003, or 008	Assumed inside solid wall on east side of room. Pipe insulation may be ACM Aircell, Layered Cardboard Wrap or Magnesia Block
413A	2nd	Women's washroom	Piping in wall	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	Assumed inside solid wall on east side of room
413B	2nd	Pipe chase for Women's' washroom	Pipe	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(B)	Friable	Chrysotile	25-50%	G - Good	15	m	7	S-JWEL-97-001 or 008	
413B	2nd	Pipe chase for Women's' washroom	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(B)	Friable	Chrysotile	50-75%	G - Good	10	Fitting	7	S-JWEL-00-02	
414	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	54	m	7	S-JWEL-97-001, 003, or 008	
414	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	40	Fitting	7	S-JWEL-00-02	

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Survey Location Reference	Floor	Room	Specific Location	Equipment Type	Material Description	Accessibility	Friability (Friable, Non-Friable)	Asbestos Type	% Present	Condition (Good, Fair, Poor, Abated, None)	Approximate Quantity	Units	Dir. 057 Action Required	Sample I.D.	Comments
415	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
415	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
415	2nd	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column
415	2nd	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
416	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	28	m	7	S-JWEL-97-001, 003, or 008	
416	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	20	Fitting	7	S-JWEL-00-02	
417	2nd	Kitchen	Pipe	Mechanical/pipe insulation	Pipe insulation	(B)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	G - Good	2	m	7	S-JWEL-97-001, 003, or 008	Associated with kitchen sink
417	2nd	Kitchen	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	20	m	7	S-JWEL-97-001, 003, or 008	
417	2nd	Kitchen	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	15	Fitting	7	S-JWEL-00-02	
418	2nd	Women's washroom	Piping in wall	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	30	m	7	S-JWEL-97-001, 003, or 008	Assumed inside solid wall on north side of room. Pipe insulation may be ACM Aircell, Layered Cardboard Wrap or Magnesia Block
418	2nd	Women's washroom	Piping in wall	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	Assumed inside solid wall on north side of room
418	2nd	Women's washroom	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
418	2nd	Women's washroom	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
418A	2nd	Pipe chase for Men's and Women's washrooms	Pipe	Mechanical/pipe insulation	Magnesia Block	(B)	Friable	Amosite and Chrysotile	25-50% and 5-25%	G - Good	12	m	7	S-JWEL-00-SA11	
418A	2nd	Pipe chase for Men's and Women's washrooms	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(B)	Friable	Chrysotile	50-75%	G - Good	4	Fitting	7	S-JWEL-00-02	
420	2nd	Office area	Piping in wall	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	30	m	7	S-JWEL-97-001, 003, or 008	Assumed inside solid wall/shaft on north west side of room. Pipe insulation may be ACM Aircell, Layered Cardboard Wrap or Magnesia Block
419	2nd	Men's washroom	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
419	2nd	Men's washroom	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
420	2nd	Office area	Piping in wall	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	Assumed inside solid/shaft wall north west side of room
420	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
420	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
421	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	28	m	7	S-JWEL-97-001, 003, or 008	
421	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	20	Fitting	7	S-JWEL-00-02	
422	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
422	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
423	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
423	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
424	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	20	m	7	S-JWEL-97-001, 003, or 008	
424	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	15	Fitting	7	S-JWEL-00-02	
426	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	68	m	7	S-JWEL-97-001, 003, or 008	
426	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	35	Fitting	7	S-JWEL-00-02	
427	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	28	m	7	S-JWEL-97-001, 003, or 008	
427	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	20	Fitting	7	S-JWEL-00-02	
428	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	32	m	7	S-JWEL-97-001, 003, or 008	
428	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	25	Fitting	7	S-JWEL-00-02	
429	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
429	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
430	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	32	m	7	S-JWEL-97-001, 003, or 008	
430	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	25	Fitting	7	S-JWEL-00-02	

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Survey Location Reference	Floor	Room	Specific Location	Equipment Type	Material Description	Accessibility	Friability (Friable, Non-Friable)	Asbestos Type	% Present	Condition (Good, Fair, Poor, Abated, None)	Approximate Quantity	Units	Dir. 057 Action Required	Sample I.D.	Comments
431	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	66	m	7	S-JWEL-97-001, 003, or 008	
431	2nd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	50	Fitting	7	S-JWEL-00-02	
634	2nd	All corridors	Floor	Vinyl Floor Tiles	12"x12", Beige with red streaks	(A)	Non-friable	Chrysotile	8.10%	G - Good	650	m^2	7	S-DST-13A	
634	2nd	All corridors	Ceiling	Ceiling Tiles	2'x2' Transite ceiling tiles with pinholes	(C)-Exposed	Non-friable	Chrysotile	5-25%	G - Good	650	m^2	7	S-JWEL-00-SA-14	
631	2nd	Electrical room	Pipe	Other Materials Containing Asbestos	Transite pipe	(B)	Non-friable	Chrysotile and Crocidolite	5-25% and 25-50%	G - Good	6	m	7	S-JWEL-00-SA16	
633	2nd	Electrical room	Pipe	Other Materials Containing Asbestos	Transite pipe	(B)	Non-friable	Chrysotile and Crocidolite	5-25% and 25-50%	G - Good	6	m	7	S-JWEL-00-SA16	
Stairwell S3	2nd	North west stairwell	Piping associated with radiator	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	Assumed inside solid wall of stairwell. Pipe insulation may be Aircell, Layered Cardboard Wrap or Magnesia Block
Stairwell S3	2nd	North west stairwell	Piping associated with radiator	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	Assumed inside solid wall of stairwell
Stairwell S4	2nd	North east stairwell	Piping associated with radiator	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	Assumed inside solid wall of stairwell. Pipe insulation may be Aircell, Layered Cardboard Wrap or Magnesia Block
Stairwell S4	2nd	North east stairwell	Piping associated with radiator	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	Assumed inside solid wall of stairwell

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Survey Location Reference	Floor	Room	Specific Location	Equipment Type	Material Description	Accessibility	Friability (Friable, Non-Friable)	Asbestos Type	% Present	Condition (Good, Fair, Poor, Abated, None)	Approximate Quantity	Units	Dir. 057 Action Required	Sample I.D.	Comments
Third Floor															
237	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	20	m	7	S-JWEL-97-001, 003, or 008	
237	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	15	Fitting	7	S-JWEL-00-02	
237	3rd	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column
237	3rd	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
238	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	20	m	7	S-JWEL-97-001, 003, or 008	
238	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	15	Fitting	7	S-JWEL-00-02	
239	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
239	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
240	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
240	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
241	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
241	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
242	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
242	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
243	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
243	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
244	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
244	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
244	3rd	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column
244	3rd	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
245	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
245	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
246	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
246	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	15	Fitting	7	S-JWEL-00-02	
247	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
247	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
248	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
248	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
249	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
249	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
250	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
250	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
251	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
251	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
252	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
252	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
253	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
253	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
253	3rd	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column

Asbestos Database - West Memorial Building, 344 Wellington - March 2014

Survey Location Reference	Floor	Room	Specific Location	Equipment Type	Material Description	Accessibility	Friability (Friable, Non-Friable)	Asbestos Type	% Present	Condition (Good, Fair, Poor, Abated, None)	Approximate Quantity	Units	Dir. 057 Action Required	Sample I.D.	Comments
253	3rd	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
254	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	22	m	7	S-JWEL-97-001, 003, or 008	
254	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	15	Fitting	7	S-JWEL-00-02	
255	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
255	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
256	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
256	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
256	3rd	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column
256	3rd	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
257	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
257	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
258	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
258	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
259	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
259	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
260	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
260	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
261	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
261	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
262	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
262	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
262	3rd	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column
262	3rd	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
263	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
263	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
264	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
264	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
265	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
265	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
265	3rd	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column
265	3rd	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
266	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
266	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
267	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
267	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
268	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
268	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
269	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
269	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
269	3rd	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column

Asbestos Database - West Memorial Building, 344 Wellington - March 2014

Survey Location Reference	Floor	Room	Specific Location	Equipment Type	Material Description	Accessibility	Friability (Friable, Non-Friable)	Asbestos Type	% Present	Condition (Good, Fair, Poor, Abated, None)	Approximate Quantity	Units	Dir. 057 Action Required	Sample I.D.	Comments
269	3rd	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
270	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
270	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
271	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
271	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
272	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
272	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
273	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
273	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
274	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
274	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
275A	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	28	m	7	S-JWEL-97-001, 003, or 008	
275A	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	20	Fitting	7	S-JWEL-00-02	
275B	3rd	Mech Room	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	16	m	7	S-JWEL-97-001, 003, or 008	
275B	3rd	Mech Room	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
276	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	34	m	7	S-JWEL-97-001, 003, or 008	
276	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	35	Fitting	7	S-JWEL-00-02	
276	3rd	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column
276	3rd	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
277	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
277	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
278	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	40	m	7	S-JWEL-97-001, 003, or 008	
278	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	40	Fitting	7	S-JWEL-00-02	
279	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	22	m	7	S-JWEL-97-001, 003, or 008	
279	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	15	Fitting	7	S-JWEL-00-02	
279	3rd	Office area	Pipe	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	G - Good	23	m	7	S-JWEL-97-001 or 008	In shaft that serves east walkway
279	3rd	Office area	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	25	Fitting	7	S-JWEL-00-02	In shaft that serves east walkway
280A	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
280A	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
280A	3rd	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column
280A	3rd	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
280B	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
280B	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
281	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	20	m	7	S-JWEL-97-001, 003, or 008	
281	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	15	Fitting	7	S-JWEL-00-02	
282	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	22	m	7	S-JWEL-97-001, 003, or 008	
282	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	15	Fitting	7	S-JWEL-00-02	
283	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
283	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
284	3rd	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column

Asbestos Database - West Memorial Building, 344 Wellington - March 2014

Survey Location Reference	Floor	Room	Specific Location	Equipment Type	Material Description	Accessibility	Friability (Friable, Non-Friable)	Asbestos Type	% Present	Condition (Good, Fair, Poor, Abated, None)	Approximate Quantity	Units	Dir. 057 Action Required	Sample I.D.	Comments
284	3rd	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
284	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
284	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
285	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
285	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
286	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
286	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
287	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
287	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
288	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
288	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
289	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
289	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
290	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
290	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
291	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
291	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
292	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
292	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
293	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
293	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
294	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
294	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
295	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
295	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
296	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
296	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
297	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
297	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
298	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
298	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
299	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
299	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
300	3rd	Office area	Ceiling	Ceiling Tiles	2'x4' Ceiling tiles, pinhole	(C)-Exposed	Friable	Chrysotile	1.55%	G - Good	18	m^2	7	DST-29A	
300	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
300	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
300	3rd	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column
300	3rd	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
301	3rd	Office area	Ceiling	Ceiling Tiles	2'x4' Ceiling tiles, pinhole	(C)-Exposed	Friable	Chrysotile	1.55%	G - Good	19	m^2	7	S-DST-29A	
302	3rd	Office area	Ceiling	Ceiling Tiles	2'x4' Ceiling tiles, pinhole	(C)-Exposed	Friable	Chrysotile	1.55%	G - Good	15	m^2	7	S-DST-29A	

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302	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	22	m	7	S-JWEL-97-001, 003, or 008	
302	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	15	Fitting	7	S-JWEL-00-02	
302	3rd	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column
302	3rd	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
303	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
303	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
304	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
304	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
305	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
305	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
306	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
306	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
307	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
307	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
308	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	34	m	7	S-JWEL-97-001, 003, or 008	
308	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	25	Fitting	7	S-JWEL-00-02	
309	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
309	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
310	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	36	m	7	S-JWEL-97-001, 003, or 008	
310	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	30	Fitting	7	S-JWEL-00-02	
311	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
311	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
311	3rd	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column
311	3rd	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
312	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
312	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
313	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
313	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
313	3rd	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column
313	3rd	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
314	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	20	m	7	S-JWEL-97-001, 003, or 008	
314	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	15	Fitting	7	S-JWEL-00-02	
315A	3rd	Women's washroom	Piping in wall	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	30	m	7	S-JWEL-97-001, 003, or 008	Assumed inside solid wall on south side of room. Accessible via wall hatch in Room 314. Pipe insulation may be ACM Aircell, Layered Cardboard Wrap or Magnesia Block
315A	3rd	Women's washroom	Piping in wall	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	Assumed inside solid wall on south side of room. Accessible via wall hatch in Room 314
315A	3rd	Women's washroom	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
315A	3rd	Women's washroom	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
315B	3rd	Janitor closet	Piping in wall	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	5	m	7	S-JWEL-97-001, 003, or 008	Assumed inside solid wall on north side of room. Pipe insulation may be ACM Aircell, Layered Cardboard Wrap or Magnesia Block
315B	3rd	Janitor closet	Piping in wall	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	Assumed inside solid wall on north side of room
315B	3rd	Pipe chase for women's and men's washroom	Pipe	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(B)	Friable	Chrysotile	25-50%	G - Good	18	m	7	S-JWEL-97-001 or 008	
315B	3rd	Pipe chase for women's and men's washroom	Pipe	Mechanical/pipe insulation	Magnesia Block	(B)	Friable	Amosite and Chrysotile	25-50% and 5-25%	G - Good	6	m	7	S-JWEL-00-SA11	

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315B	3rd	Pipe chase for women's and men's washroom	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(B)	Friable	Chrysotile	50-75%	G - Good	20	Fitting	7	S-JWEL-00-02	
316	3rd	Men's washroom	Piping in wall	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	30	m	7	S-JWEL-97-001, 003, or 008	Assumed inside solid wall on north side of room. Pipe insulation may be ACM Aircell, Layered Cardboard Wrap or Magnesia Block
316	3rd	Men's washroom	Piping in wall	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	Assumed inside solid wall on north side of room
316	3rd	Men's washroom	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
316	3rd	Men's washroom	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
317	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	60	m	7	S-JWEL-97-001, 003, or 008	
317	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	45	Fitting	7	S-JWEL-00-02	
317	3rd	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column
317	3rd	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
318A	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	34	m	7	S-JWEL-97-001, 003, or 008	
318A	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	25	Fitting	7	S-JWEL-00-02	
318A	3rd	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column
318A	3rd	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
318B	3rd	Pipe chase for men's washroom	Pipe	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(D)	Friable	Chrysotile	25-50%	G - Good	15	m	7	S-JWEL-97-001 or 008	
318B	3rd	Pipe chase for men's washroom	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	10	Fitting	7	S-JWEL-00-02	
319A	3rd	Men's washroom	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
319A	3rd	Men's washroom	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
319B	3rd	Pipe chase for men's washroom	Pipe	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(B)	Friable	Chrysotile	25-50%	G - Good	15	m	7	S-JWEL-97-001 or 008	
319B	3rd	Pipe chase for men's washroom	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(B)	Friable	Chrysotile	50-75%	G - Good	5	Fitting	7	S-JWEL-00-02	
320	3rd	Disabled Washroom	Pipe	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(D)	Friable	Chrysotile	25-50%	G - Good	6	m	7	S-JWEL-97-001 or 008	
320	3rd	Disabled Washroom	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	5	Fitting	7	S-JWEL-00-02	
321	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
321	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
322	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
322	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
323	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
323	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
324	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
324	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
324	3rd	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column
324	3rd	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
325	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
325	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
326	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
326	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
327	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	28	m	7	S-JWEL-97-001, 003, or 008	
327	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	20	Fitting	7	S-JWEL-00-02	
328	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	16	m	7	S-JWEL-97-001, 003, or 008	
328	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
329	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	

Asbestos Database - West Memorial Building, 344 Wellington - March 2014

Survey Location Reference	Floor	Room	Specific Location	Equipment Type	Material Description	Accessibility	Friability (Friable, Non-Friable)	Asbestos Type	% Present	Condition (Good, Fair, Poor, Abated, None)	Approximate Quantity	Units	Dir. 057 Action Required	Sample I.D.	Comments
329	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
330A	3rd	Women's washroom	Piping in wall	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	30	m	7	S-JWEL-97-001, 003, or 008	Assumed inside solid wall on north side of room. Pipe insulation may be ACM Aircell, Layered Cardboard Wrap or Magnesia Block
330A	3rd	Women's washroom	Piping in wall	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	Assumed inside solid wall on north side of room
330A	3rd	Women's washroom	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
330A	3rd	Women's washroom	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
330B	3rd	Pipe chase for Men's and Women's washrooms	Pipe	Mechanical/pipe insulation	Magnesia Block	(B)	Friable	Amosite and Chrysotile	25-50% and 5-25%	G - Good	12	m	7	S-JWEL-00-SA11	
330B	3rd	Pipe chase for Men's and Women's washrooms	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(B)	Friable	Chrysotile	50-75%	G - Good	4	Fitting	7	S-JWEL-00-02	
331	3rd	Men's washroom	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
331	3rd	Men's washroom	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
332	3rd	Office area	Piping in wall	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	30	m	7	S-JWEL-97-001, 003, or 008	Assumed inside solid wall/shaft on north west side of room. Pipe insulation may be ACM Aircell, Layered Cardboard Wrap or Magnesia Block
332	3rd	Office area	Piping in wall	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	Assumed inside solid/shaft wall north west side of room
333	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
333	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
333	3rd	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column
333	3rd	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
334	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
334	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
334	3rd	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column
334	3rd	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
335	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
335	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
336	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
336	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
337	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
337	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
338	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
338	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
339	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
339	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
339	3rd	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column
339	3rd	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
340	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
340	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
341	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
341	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
342	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
342	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
343	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
343	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
344	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	

Asbestos Database - West Memorial Building, 344 Wellington - March 2014

Survey Location Reference	Floor	Room	Specific Location	Equipment Type	Material Description	Accessibility	Friability (Friable, Non-Friable)	Asbestos Type	% Present	Condition (Good, Fair, Poor, Abated, None)	Approximate Quantity	Units	Dir. 057 Action Required	Sample I.D.	Comments
344	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
345	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
345	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
346	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
346	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
347	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
347	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
348	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	40	m	7	S-JWEL-97-001, 003, or 008	
348	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	30	Fitting	7	S-JWEL-00-02	
349	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	40	m	7	S-JWEL-97-001, 003, or 008	
349	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	30	Fitting	7	S-JWEL-00-02	
350	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
350	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
351	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
351	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
352	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
352	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
353A	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
353A	3rd	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
354A	3rd	Women's washroom	Piping in wall	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	30	m	7	S-JWEL-97-001, 003, or 008	Assumed inside solid wall on east side of room. Pipe insulation may be ACM Aircell, Layered Cardboard Wrap or Magnesia Block
354A	3rd	Women's washroom	Piping in wall	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	Assumed inside solid wall on east side of room
354A	3rd	Women's washroom	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
354A	3rd	Women's washroom	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
354B	3rd	Pipe chase for women's washroom	Pipe	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(B)	Friable	Chrysotile	25-50%	G - Good	15	m	7	S-JWEL-97-001 or 008	
354B	3rd	Pipe chase for women's washroom	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(B)	Friable	Chrysotile	50-75%	G - Good	5	Fitting	7	S-JWEL-00-02	
638	3rd	All corridors	Floor	Vinyl Floor Tiles	12"x12", Beige with red streaks	(A)	Non-friable	Chrysotile	8.10%	G - Good	650	m^2	7	S-DST-13A	
638	3rd	All corridors	Ceiling	Ceiling Tiles	2'x2' Transite ceiling tiles with pinholes	(C)-Exposed	Non-friable	Chrysotile	5-25%	G - Good	510	m^2	7	S-JWEL-00-SA-14	
635	3rd	Electrical room	Pipe	Other Materials Containing Asbestos	Transite pipe	(B)	Non-friable	Chrysotile and Crocidolite	5-25% and 25-50%	G - Good	6	m	7	S-JWEL-00-SA16	
637	3rd	Electrical room	Pipe	Other Materials Containing Asbestos	Transite pipe	(B)	Non-friable	Chrysotile and Crocidolite	5-25% and 25-50%	G - Good	6	m	7	S-JWEL-00-SA16	
Walkway to EMB	3rd	Corridor	Ceiling	Ceiling Tiles	2'x2' Transite ceiling tiles with pinholes	(C)-Exposed	Non-friable	Chrysotile	5-25%	G - Good	140	m^2	7	S-JWEL-00-SA-14	
Walkway to EMB	3rd	Pipe shaft running parallel with corridor	Piping associated with radiators	Mechanical/pipe insulation	Pipe insulation	(B) and (D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	G - Good	180	m	7	S-JWEL-97-001, 003, or 008	
Walkway to EMB	3rd	Pipe shaft running parallel with corridor	Piping associated with radiators	Mechanical/pipe insulation	Parging cement on pipe fittings	(B) and (D)	Friable	Chrysotile	50-75%	G - Good	40	Fitting	7	S-JWEL-00-02	
Stairwell S3	3rd	North west stairwell	Piping associated with radiator	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	Assumed inside solid wall of stairwell. Pipe insulation may be Aircell, Layered Cardboard Wrap or Magnesia Block
Stairwell S3	3rd	North west stairwell	Piping associated with radiator	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	Assumed inside solid wall of stairwell
Stairwell S4	3rd	North east stairwell	Piping associated with radiator	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	Assumed inside solid wall of stairwell. Pipe insulation may be Aircell, Layered Cardboard Wrap or Magnesia Block
Stairwell S4	3rd	North east stairwell	Piping associated with radiator	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	Assumed inside solid wall of stairwell

Asbestos Database - West Memorial Building, 344 Wellington - March 2014

Survey Location Reference	Floor	Room	Specific Location	Equipment Type	Material Description	Accessibility	Friability (Friable, Non-Friable)	Asbestos Type	% Present	Condition (Good, Fair, Poor, Abated, None)	Approximate Quantity	Units	Dir. 057 Action Required	Sample I.D.	Comments
Fourth Floor															
128	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
128	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
128	4th	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column
128	4th	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
128	4th	Office area	Piping above ceiling	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(D)	Friable	Chrysotile	25-50%	G - Good	6	m	7	S-JWEL-97-001 or 008	Assumed above ceiling
128	4th	Office area	Piping above ceiling	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	10	Fitting	7	S-JWEL-00-02	Assumed above ceiling
129	4th	Office area	Piping above ceiling	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(D)	Friable	Chrysotile	25-50%	G - Good	6	m	7	S-JWEL-97-001 or 008	Assumed above ceiling
129	4th	Office area	Piping above ceiling	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	10	Fitting	7	S-JWEL-00-02	Assumed above ceiling
132	4th	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column
132	4th	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
132	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
132	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
132	4th	Office area	Piping above ceiling	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(D)	Friable	Chrysotile	25-50%	G - Good	6	m	7	S-JWEL-97-001 or 008	Assumed above ceiling
132	4th	Office area	Piping above ceiling	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	10	Fitting	7	S-JWEL-00-02	Assumed above ceiling
133	4th	Storage	Safe	Suspected Asbestos-Containing Material	Safe door lining	(D)	Friable	Suspect	Unknown	U - Unknown	1	Safe door	7	N/A	No access to safe door lining
134	4th	Office area	Piping above ceiling	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(D)	Friable	Chrysotile	25-50%	G - Good	10	m	7	S-JWEL-97-001 or 008	Assumed above ceiling
134	4th	Office area	Piping above ceiling	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	5	Fitting	7	S-JWEL-00-02	Assumed above ceiling
135	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	16	m	7	S-JWEL-97-001, 003, or 008	
135	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
135	4th	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column
135	4th	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
136A	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
136A	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
136B	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	8	m	7	S-JWEL-97-001, 003, or 008	
136B	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
137	4th	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column
137	4th	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
149	4th	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column
149	4th	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
150	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
150	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
150	4th	Office area	Piping above ceiling	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(D)	Friable	Chrysotile	25-50%	G - Good	14	m	7	S-JWEL-97-001 or 008	Assumed above ceiling
150	4th	Office area	Piping above ceiling	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	10	Fitting	7	S-JWEL-00-02	Assumed above ceiling
151	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	24	m	7	S-JWEL-97-001, 003, or 008	
151	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	15	Fitting	7	S-JWEL-00-02	
164	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	18	m	7	S-JWEL-97-001, 003, or 008	
164	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	20	Fitting	7	S-JWEL-00-02	
164	4th	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column
164	4th	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
165	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	

Asbestos Database - West Memorial Building, 344 Wellington - March 2014

Survey Location Reference	Floor	Room	Specific Location	Equipment Type	Material Description	Accessibility	Friability (Friable, Non-Friable)	Asbestos Type	% Present	Condition (Good, Fair, Poor, Abated, None)	Approximate Quantity	Units	Dir. 057 Action Required	Sample I.D.	Comments
165	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
166	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
166	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
167	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
167	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
168	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	28	m	7	S-JWEL-97-001, 003, or 008	
168	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	20	Fitting	7	S-JWEL-00-02	
169	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
169	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
170	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
170	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
171	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
171	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
172	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	28	m	7	S-JWEL-97-001, 003, or 008	
172	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	15	Fitting	7	S-JWEL-00-02	
172	4th	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column
172	4th	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
173	4th	Former Server room	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
173	4th	Former Server room	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
173	4th	Former Server room	Piping above ceiling	Mechanical/pipe insulation	Layered Cardboard Wrap	(D)	Friable	Chrysotile	25-50%	G - Good	5	m	7	S-JWEL-97-008	Assumed above ceiling
173	4th	Former Server room	Piping above ceiling	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	3	Fitting	7	S-JWEL-00-02	Assumed above ceiling
173	4th	Former Server room	Piping in wall	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	30	m	7	S-JWEL-97-001, 003, or 008	Assumed inside solid wall/shaft on north west side of room. Pipe insulation may be ACM Aircell, Layered Cardboard Wrap or Magnesia Block
173	4th	Former Server room	Piping in wall	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	Assumed inside solid wall on south side of room
174	4th	Men's washroom	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
174	4th	Men's washroom	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
175	4th	Pipe chase for Men's and Women's washrooms	Pipe	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(B)	Friable	Chrysotile	25-50%	G - Good	25	m	7	S-JWEL-97-001 or 008	
175	4th	Pipe chase for Men's and Women's washrooms	Pipe	Mechanical/pipe insulation	Magnesia Block	(B)	Friable	Amosite and Chrysotile	25-50% and 5-25%	G - Good	6	m	7	S-JWEL-00-SA11	
175	4th	Pipe chase for Men's and Women's washrooms	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(B)	Friable	Chrysotile	50-75%	G - Good	25	Fitting	7	S-JWEL-00-02	
176	4th	Women's washroom	Piping in wall	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	30	m	7	S-JWEL-97-001, 003, or 008	Assumed inside solid wall on north side of room. Accessible via wall hatch in Room 177. Pipe insulation may be ACM Aircell, Layered Cardboard Wrap or Magnesia Block
176	4th	Women's washroom	Piping in wall	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	Assumed inside solid wall on north side of room. Accessible via wall hatch in Room 177
176	4th	Women's washroom	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
176	4th	Women's washroom	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
177	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
177	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
178	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
178	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
179	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	8	m	7	S-JWEL-97-001, 003, or 008	
179	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
180	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	34	m	7	S-JWEL-97-001, 003, or 008	
180	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	25	Fitting	7	S-JWEL-00-02	

Asbestos Database - West Memorial Building, 344 Wellington - March 2014

Survey Location Reference	Floor	Room	Specific Location	Equipment Type	Material Description	Accessibility	Friability (Friable, Non-Friable)	Asbestos Type	% Present	Condition (Good, Fair, Poor, Abated, None)	Approximate Quantity	Units	Dir. 057 Action Required	Sample I.D.	Comments
180	4th	Office area	Piping above ceiling	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(D)	Friable	Chrysotile	25-50%	G - Good	40	m	7	S-JWEL-97-001 or 008	Assumed above ceiling
180	4th	Office area	Piping above ceiling	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	5	Fitting	7	S-JWEL-00-02	Assumed above ceiling
182	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	8	m	7	S-JWEL-97-001, 003, or 008	
182	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
183	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
183	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
184	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
184	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
185	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
185	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
186	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
186	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
186	4th	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column
186	4th	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
187	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
187	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
188	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
188	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
189	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
189	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
190	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	20	m	7	S-JWEL-97-001, 003, or 008	
190	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	15	Fitting	7	S-JWEL-00-02	
190	4th	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column
190	4th	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
190	4th	Office area	Piping above ceiling	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(D)	Friable	Chrysotile	25-50%	G - Good	6	m	7	S-JWEL-97-001 or 008	Assumed above ceiling
190	4th	Office area	Piping above ceiling	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	5	Fitting	7	S-JWEL-00-02	Assumed above ceiling
191	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
191	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
192	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
192	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
193	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
193	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
194	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
194	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
195	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
195	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
196	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
196	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
197	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
197	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	

Asbestos Database - West Memorial Building, 344 Wellington - March 2014

Survey Location Reference	Floor	Room	Specific Location	Equipment Type	Material Description	Accessibility	Friability (Friable, Non-Friable)	Asbestos Type	% Present	Condition (Good, Fair, Poor, Abated, None)	Approximate Quantity	Units	Dir. 057 Action Required	Sample I.D.	Comments
198	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
198	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
199	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
199	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
199	4th	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column
199	4th	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
200	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
200	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
201	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	22	m	7	S-JWEL-97-001, 003, or 008	
201	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	15	Fitting	7	S-JWEL-00-02	
202	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	88	m	7	S-JWEL-97-001, 003, or 008	
202	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	65	Fitting	7	S-JWEL-00-02	
202	4th	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	18	m	7	S-JWEL-97-001, 003, or 008	Assumed present in two interior stack columns
202	4th	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	12	Fitting	7	S-JWEL-00-02	Assumed present in two interior stack columns
202	4th	Office area	Piping above ceiling	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(D)	Friable	Chrysotile	25-50%	G - Good	40	m	7	S-JWEL-97-001 or 008	Assumed above ceiling
202	4th	Office area	Piping above ceiling	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	5	Fitting	7	S-JWEL-00-02	Assumed above ceiling
204A	4th	Men's washroom	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	20	m	7	S-JWEL-97-001, 003, or 008	
204A	4th	Men's washroom	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
204B	4th	Pipe chase for Men's washroom	Pipe	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(B)	Friable	Chrysotile	25-50%	G - Good	10	m	7	S-JWEL-97-001 or 008	
204B	4th	Pipe chase for Men's washroom	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(B)	Friable	Chrysotile	50-75%	G - Good	10	Fitting	7	S-JWEL-00-02	
205A	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	40	m	7	S-JWEL-97-001, 003, or 008	
205A	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
205B	4th	Pipe chase for Women's' washroom	Pipe	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(B)	Friable	Chrysotile	25-50%	G - Good	20	m	7	S-JWEL-97-001 or 008	Limited visual
205B	4th	Pipe chase for Women's' washroom	Pipe	Mechanical/pipe insulation	Magnesia Block	(B)	Friable	Amosite and Chrysotile	25-50% and 5-25%	G - Good	15	m	7	S-JWEL-00-SA11	Limited visual
205B	4th	Pipe chase for Women's' washroom	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(B)	Friable	Chrysotile	50-75%	G - Good	10	Fitting	7	S-JWEL-00-02	Limited visual
206	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	28	m	7	S-JWEL-97-001, 003, or 008	
206	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	20	Fitting	7	S-JWEL-00-02	
207	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
207	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
208	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
208	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
208	4th	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column
208	4th	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
208	4th	Office area	Piping above ceiling	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(D)	Friable	Chrysotile	25-50%	G - Good	10	m	7	S-JWEL-97-001 or 008	Assumed above ceiling
208	4th	Office area	Piping above ceiling	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	2	Fitting	7	S-JWEL-00-02	Assumed above ceiling
209	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
209	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
209	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
209	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
209	4th	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	18	m	7	S-JWEL-97-001, 003, or 008	Assumed present in two interior stack columns

Asbestos Database - West Memorial Building, 344 Wellington - March 2014

Survey Location Reference	Floor	Room	Specific Location	Equipment Type	Material Description	Accessibility	Friability (Friable, Non-Friable)	Asbestos Type	% Present	Condition (Good, Fair, Poor, Abated, None)	Approximate Quantity	Units	Dir. 057 Action Required	Sample I.D.	Comments
209	4th	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	12	Fitting	7	S-JWEL-00-02	Assumed present in two interior stack columns
209	4th	Office area	Piping above ceiling	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(D)	Friable	Chrysotile	25-50%	G - Good	6	m	7	S-JWEL-97-001 or 008	Assumed above ceiling
209	4th	Office area	Piping above ceiling	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	10	Fitting	7	S-JWEL-00-02	Assumed above ceiling
218	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
218	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
218	4th	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	18	m	7	S-JWEL-97-001, 003, or 008	Assumed present in two interior stack columns
218	4th	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	12	Fitting	7	S-JWEL-00-02	Assumed present in two interior stack columns
218	4th	Office area	Piping above ceiling	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(D)	Friable	Chrysotile	25-50%	G - Good	12	m	7	S-JWEL-97-001 or 008	Assumed above ceiling
218	4th	Office area	Piping above ceiling	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	10	Fitting	7	S-JWEL-00-02	Assumed above ceiling
219	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	22	m	7	S-JWEL-97-001, 003, or 008	
219	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	15	Fitting	7	S-JWEL-00-02	
220	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
220	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
221	4th	Men's washroom	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
221	4th	Men's washroom	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
221	4th	Men's washroom	Piping in wall	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	30	m	7	S-JWEL-97-001, 003, or 008	Assumed inside solid wall on north side of room. Accessible via wall hatch in Room 220. Pipe insulation may be ACM Aircell, Layered Cardboard Wrap or Magnesia Block
221	4th	Men's washroom	Piping in wall	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	Assumed inside solid wall on north side of room. Accessible via wall hatch in Room 220
222	4th	Pipe chase for Men's and Women's washrooms	Pipe	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(B)	Friable	Chrysotile	25-50%	G - Good	12	m	7	S-JWEL-97-001 or 008	Limited visual
222	4th	Pipe chase for Men's and Women's washrooms	Pipe	Mechanical/pipe insulation	Magnesia Block	(B)	Friable	Amosite and Chrysotile	25-50% and 5-25%	G - Good	6	m	7	S-JWEL-00-SA11	Limited visual
222	4th	Pipe chase for Men's and Women's washrooms	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(B)	Friable	Chrysotile	50-75%	G - Good	25	Fitting	7	S-JWEL-00-02	Limited visual
222A	4th	Janitor closet	Piping in wall	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	5	m	7	S-JWEL-97-001, 003, or 008	Assumed inside solid wall on north side of room. Pipe insulation may be ACM Aircell, Layered Cardboard Wrap or Magnesia Block
222A	4th	Janitor closet	Piping in wall	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	Assumed inside solid wall on north side of room
223	4th	Women's washroom	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
223	4th	Women's washroom	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
223	4th	Women's washroom	Piping in wall	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	30	m	7	S-JWEL-97-001, 003, or 008	Assumed inside solid wall on south side of room. Accessible via wall hatch in Room 224. Pipe insulation may be ACM Aircell, Layered Cardboard Wrap or Magnesia Block
223	4th	Women's washroom	Piping in wall	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	Assumed inside solid wall on south side of room. Accessible via wall hatch in Room 224
224	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	20	m	7	S-JWEL-97-001, 003, or 008	
224	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
225	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
225	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
226	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
226	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
226	4th	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column
226	4th	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
227	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	20	m	7	S-JWEL-97-001, 003, or 008	
227	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	15	Fitting	7	S-JWEL-00-02	
228	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
228	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
229	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
229	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	

Asbestos Database - West Memorial Building, 344 Wellington - March 2014

Survey Location Reference	Floor	Room	Specific Location	Equipment Type	Material Description	Accessibility	Friability (Friable, Non-Friable)	Asbestos Type	% Present	Condition (Good, Fair, Poor, Abated, None)	Approximate Quantity	Units	Dir. 057 Action Required	Sample I.D.	Comments
230	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
230	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
231	4th	Women's washroom	Piping in wall	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	30	m	7	S-JWEL-97-001, 003, or 008	Assumed inside solid wall on east side of room. Pipe insulation may be ACM Aircell, Layered Cardboard Wrap or Magnesia Block
231	4th	Women's washroom	Piping in wall	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	Assumed inside solid wall on east side of room
232	4th	Pipe chase for women's washroom	Pipe	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(B)	Friable	Chrysotile	25-50%	G - Good	18	m	7	S-JWEL-97-001 or 008	
232	4th	Pipe chase for women's washroom	Pipe	Mechanical/pipe insulation	Magnesia Block	(B)	Friable	Amosite and Chrysotile	25-50% and 5-25%	G - Good	6	m	7	S-JWEL-00-SA11	
232	4th	Pipe chase for women's washroom	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(B)	Friable	Chrysotile	50-75%	G - Good	30	Fitting	7	S-JWEL-00-02	
233	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	164	m	7	S-JWEL-97-001, 003, or 008	
233	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	120	Fitting	7	S-JWEL-00-02	
233	4th	Office area	Pipe	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(D)	Friable	Chrysotile	25-50%	G - Good	25	m	7	S-JWEL-97-001 or 008	Suspected in wall and above ceiling on south side of room
233	4th	Office area	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	2	Fitting	7	S-JWEL-00-02	Suspected in wall and above ceiling on south side of room
234	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
234	4th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	164	m	7	S-JWEL-97-001, 003, or 008	
235	4th	All corridors	Floor	Vinyl Floor Tiles	12"x12, Beige with red streaks	(A)	Non-friable	Chrysotile	8.10%	G - Good	650	m^2	7	S-DST-13A	
235	4th	All corridors	Ceiling	Ceiling Tiles	2'x2' Transite ceiling tiles with pinholes	(C)-Exposed	Non-friable	Chrysotile	5-25%	G - Good	650	m^2	7	S-JWEL-00-SA-14	
235	4th	North, east and south corridors	Piping above ceiling	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(D)	Friable	Chrysotile	25-50%	G - Good	250	m	7	S-JWEL-97-001 or 008	Located above transite ceiling tiles in North corridors, east corridor and west corridor. Short sections also in west corridor, on east and west sides
235	4th	North, east and south corridors	Piping above ceiling	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	15	Fitting	7	S-JWEL-00-02	Runs above transite ceiling tiles in North corridors, east corridor and west corridor. Also in west corridor, on east and west sides
639	4th	Electrical room	Pipe	Other Materials Containing Asbestos	Transite pipe	(B)	Non-friable	Chrysotile and Crocidolite	5-25% and 25-50%	G - Good	6	m	7	S-JWEL-00-SA16	
641	4th	Electrical room	Pipe	Other Materials Containing Asbestos	Transite pipe	(B)	Non-friable	Chrysotile and Crocidolite	5-25% and 25-50%	G - Good	6	m	7	S-JWEL-00-SA16	
Stairwell S1	4th	South east stairwell	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	8	m	7	S-JWEL-97-001, 003, or 008	Assumed inside solid wall of stairwell. Pipe insulation may be Aircell, Layered Cardboard Wrap or Magnesia Block
Stairwell S1	4th	South east stairwell	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	Assumed inside solid wall of stairwell
Stairwell S2	4th	South west stairwell	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	8	m	7	S-JWEL-97-001, 003, or 008	Assumed inside solid wall of stairwell. Pipe insulation may be Aircell, Layered Cardboard Wrap or Magnesia Block
Stairwell S2	4th	South west stairwell	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	Assumed inside solid wall of stairwell
Stairwell S3	4th	North west stairwell	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	8	m	7	S-JWEL-97-001, 003, or 008	Assumed inside solid wall of stairwell. Pipe insulation may be Aircell, Layered Cardboard Wrap or Magnesia Block
Stairwell S3	4th	North west stairwell	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	Assumed inside solid wall of stairwell
Stairwell S4	4th	North east stairwell	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	8	m	7	S-JWEL-97-001, 003, or 008	Assumed inside solid wall of stairwell. Pipe insulation may be Aircell, Layered Cardboard Wrap or Magnesia Block
Stairwell S4	4th	North east stairwell	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	Assumed inside solid wall of stairwell

Asbestos Database - West Memorial Building, 344 Wellington - March 2014

Survey Location Reference	Floor	Room	Specific Location	Equipment Type	Material Description	Accessibility	Friability (Friable, Non-Friable)	Asbestos Type	% Present	Condition (Good, Fair, Poor, Abated, None)	Approximate Quantity	Units	Dir. 057 Action Required	Sample I.D.	Comments
Fifth Floor															
47	5th	Office area	Piping above ceiling	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(C)-Exposed	Friable	Chrysotile	25-50%	G - Good	15	m	7	S-JWEL-97-001 or 008	Above ceiling
47	5th	Office area	Piping above ceiling	Mechanical/pipe insulation	Parging cement on pipe fittings	(C)-Exposed	Friable	Chrysotile	50-75%	P - Poor	6	Fitting	7	S-JWEL-00-02	Above ceiling
47	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	28	m	7	S-JWEL-97-001, 003, or 008	
47	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	25	Fitting	7	S-JWEL-00-02	
48	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	8	m	7	S-JWEL-97-001, 003, or 008	
48	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
48	5th	Office area	Piping above ceiling	Mechanical/pipe insulation	Aircell	(C)-Exposed	Friable	Chrysotile	25-50%	G - Good	10	m	7	S-JWEL-97-001	Above ceiling
48	5th	Office area	Piping above ceiling	Mechanical/pipe insulation	Parging cement on pipe fittings	(C)-Exposed	Friable	Chrysotile	50-75%	G - Good	6	Fitting	7	S-JWEL-00-02	Above ceiling
49	5th	Office area	Piping above ceiling	Mechanical/pipe insulation	Aircell	(C)-Exposed	Friable	Chrysotile	25-50%	G - Good	3	m	7	S-JWEL-97-001	Above ceiling
49	5th	Office area	Piping above ceiling	Mechanical/pipe insulation	Parging cement on pipe fittings	(C)-Exposed	Friable	Chrysotile	50-75%	G - Good	3	Fitting	7	S-JWEL-00-02	Above ceiling
49	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	32	m	7	S-JWEL-97-001, 003, or 008	
49	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	15	Fitting	7	S-JWEL-00-02	
50	5th	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column
50	5th	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
51	5th	Office area	Piping above ceiling	Mechanical/pipe insulation	Aircell	(D)	Friable	Chrysotile	25-50%	G - Good	20	m	7	S-JWEL-97-001	Above ceiling
51	5th	Office area	Piping above ceiling	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	15	Fitting	7	S-JWEL-00-02	Above ceiling
51	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	8	m	7	S-JWEL-97-001, 003, or 008	
51	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
52	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	20	m	7	S-JWEL-97-001, 003, or 008	
52	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	15	Fitting	7	S-JWEL-00-02	
53	5th	Women's washroom	Piping in wall	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	30	m	7	S-JWEL-97-001, 003, or 008	Assumed inside solid wall on south side of room. Accessible via wall hatch in Room 52. Pipe insulation may be ACM Aircell, Layered Cardboard Wrap or Magnesia Block
53	5th	Women's washroom	Piping in wall	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	Assumed inside solid wall on south side of room. Accessible via wall hatch in Room 52.
53	5th	Women's washroom	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
53	5th	Women's washroom	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
54	5th	Pipe chase for women's washroom	Pipe	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(B)	Friable	Chrysotile	25-50%	G - Good	8	m	7	S-JWEL-97-001	
54	5th	Pipe chase for women's washroom	Pipe	Mechanical/pipe insulation	Magnesia Block	(B)	Friable	Amosite and Chrysotile	25-50% and 5-25%	G - Good	8	m	7	S-JWEL-00-SA11	
54	5th	Pipe chase for women's washroom	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(B)	Friable	Chrysotile	50-75%	G - Good	20	Fitting	7	S-JWEL-00-02	
54A	5th	Janitor closet	Piping in wall	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	5	m	7	S-JWEL-97-001, 003, or 008	Assumed inside solid wall on east side of room. Pipe insulation may be ACM Aircell, Layered Cardboard Wrap or Magnesia Block
54A	5th	Janitor closet	Piping in wall	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	Assumed inside solid wall on east side of room
55	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
55	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
55	5th	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column
55	5th	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
55	5th	Office area	Piping above ceiling	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(D)	Friable	Chrysotile	25-50%	G - Good	6	m	7	S-JWEL-97-001 or 008	Assumed above ceiling
55	5th	Office area	Piping above ceiling	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	5	Fitting	7	S-JWEL-00-02	Assumed above ceiling
56	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	8	m	7	S-JWEL-97-001, 003, or 008	
56	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
56	5th	Office area	Piping above ceiling	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(D)	Friable	Chrysotile	25-50%	G - Good	6	m	7	S-JWEL-97-001 or 008	Assumed above ceiling
56	5th	Office area	Piping above ceiling	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	5	Fitting	7	S-JWEL-00-02	Assumed above ceiling
57	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	

Asbestos Database - West Memorial Building, 344 Wellington - March 2014

Survey Location Reference	Floor	Room	Specific Location	Equipment Type	Material Description	Accessibility	Friability (Friable, Non-Friable)	Asbestos Type	% Present	Condition (Good, Fair, Poor, Abated, None)	Approximate Quantity	Units	Dir. 057 Action Required	Sample I.D.	Comments
57	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
57	5th	Office area	Piping above ceiling	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(D)	Friable	Chrysotile	25-50%	G - Good	6	m	7	S-JWEL-97-001 or 008	Assumed above ceiling
57	5th	Office area	Piping above ceiling	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	5	Fitting	7	S-JWEL-00-02	Assumed above ceiling
59	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
59	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
60	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	8	m	7	S-JWEL-97-001, 003, or 008	
60	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
61	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
61	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
61	5th	Office area	Piping above ceiling	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(D)	Friable	Chrysotile	25-50%	G - Good	6	m	7	S-JWEL-97-001 or 008	Assumed above ceiling
62	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	8	m	7	S-JWEL-97-001, 003, or 008	
62	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
62	5th	Storage	Piping above ceiling	Mechanical/pipe insulation	Aircell	(D)	Friable	Chrysotile	25-50%	G - Good	6	m	7	S-JWEL-97-001	Above ceiling
62	5th	Storage	Piping above ceiling	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	8	Fitting	7	S-JWEL-00-02	Above ceiling
63	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	32	m	7	S-JWEL-97-001, 003, or 008	
63	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	20	Fitting	7	S-JWEL-00-02	
63	5th	Office area	Piping above ceiling	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(D)	Friable	Chrysotile	25-50%	G - Good	6	m	7	S-JWEL-97-001 or 008	Assumed above ceiling
64	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	8	m	7	S-JWEL-97-001, 003, or 008	
64	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
64	5th	Office area	Piping above ceiling	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(D)	Friable	Chrysotile	25-50%	G - Good	6	m	7	S-JWEL-97-001 or 008	Assumed above ceiling
65	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	20	m	7	S-JWEL-97-001, 003, or 008	
65	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	15	Fitting	7	S-JWEL-00-02	
65	5th	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column
65	5th	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
66	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	22	m	7	S-JWEL-97-001, 003, or 008	
66	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	15	Fitting	7	S-JWEL-00-02	
68	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	8	m	7	S-JWEL-97-001, 003, or 008	
68	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
69	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	20	m	7	S-JWEL-97-001, 003, or 008	
69	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
69	5th	Office area	Piping above ceiling	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(D)	Friable	Chrysotile	25-50%	G - Good	18	m	7	S-JWEL-97-001 or 008	Assumed above ceiling
69	5th	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column
69	5th	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
70	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
70	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	15	Fitting	7	S-JWEL-00-02	
70	5th	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column
70	5th	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
70	5th	Office area	Piping above ceiling	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(D)	Friable	Chrysotile	25-50%	G - Good	15	m	7	S-JWEL-97-001 or 008	Assumed above ceiling
70	5th	Office area	Piping above ceiling	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	5	Fitting	7	S-JWEL-00-02	Assumed above ceiling
71	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
71	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	

Asbestos Database - West Memorial Building, 344 Wellington - March 2014

Survey Location Reference	Floor	Room	Specific Location	Equipment Type	Material Description	Accessibility	Friability (Friable, Non-Friable)	Asbestos Type	% Present	Condition (Good, Fair, Poor, Abated, None)	Approximate Quantity	Units	Dir. 057 Action Required	Sample I.D.	Comments
71	5th	Office area	Piping above ceiling	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(D)	Friable	Chrysotile	25-50%	G - Good	3	m	7	S-JWEL-97-001 or 008	Assumed above ceiling
71	5th	Office area	Piping above ceiling	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	5	Fitting	7	S-JWEL-00-02	Assumed above ceiling
72	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	20	m	7	S-JWEL-97-001, 003, or 008	
72	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	15	Fitting	7	S-JWEL-00-02	
73	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
73	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
73	5th	Office area	Piping above ceiling	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(D)	Friable	Chrysotile	25-50%	G - Good	3	m	7	S-JWEL-97-001 or 008	Assumed above ceiling
73	5th	Office area	Piping above ceiling	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	5	Fitting	7	S-JWEL-00-02	Assumed above ceiling
74	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
74	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
74	5th	Office area	Piping above ceiling	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(D)	Friable	Chrysotile	25-50%	G - Good	3	m	7	S-JWEL-97-001 or 008	Assumed above ceiling
74	5th	Office area	Piping above ceiling	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	5	Fitting	7	S-JWEL-00-02	Assumed above ceiling
75	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
75	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
76	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	12	m	7	S-JWEL-97-001, 003, or 008	
76	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
77	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
77	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
78	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	34	m	7	S-JWEL-97-001, 003, or 008	
78	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	25	Fitting	7	S-JWEL-00-02	
78	5th	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column (in washroom)
78	5th	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
79	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
79	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
79	5th	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column
79	5th	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
79	5th	Office area	Piping above ceiling	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(D)	Friable	Chrysotile	25-50%	G - Good	3	m	7	S-JWEL-97-001 or 008	Assumed above ceiling
79	5th	Office area	Piping above ceiling	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	5	Fitting	7	S-JWEL-00-02	Assumed above ceiling
80A	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	20	m	7	S-JWEL-97-001, 003, or 008	
80A	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	15	Fitting	7	S-JWEL-00-02	
80A	5th	Office area	Piping above ceiling	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(D)	Friable	Chrysotile	25-50%	G - Good	3	m	7	S-JWEL-97-001 or 008	Assumed above ceiling
80A	5th	Office area	Piping above ceiling	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	5	Fitting	7	S-JWEL-00-02	Assumed above ceiling
80B	5th	Pipe shaft for men's washroom	Pipe	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(D)	Friable	Chrysotile	25-50%	G - Good	15	m	7	S-JWEL-97-001 or 008	
80B	5th	Pipe shaft for men's washroom	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	10	Fitting	7	S-JWEL-00-02	
81B	5th	Pipe chase for men's washroom	Pipe	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(B)	Friable	Chrysotile	25-50%	G - Good	12	m	7	S-JWEL-97-001 or 008	
81B	5th	Pipe chase for men's washroom	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(B)	Friable	Chrysotile	50-75%	G - Good	5	Fitting	7	S-JWEL-00-02	
83	5th	Storage	Duct	Mechanical/pipe insulation	Parging cement on cork duct insulation	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	m^2	7	S-JWEL-00-SA-25	
84	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
84	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
85	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
85	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	

Asbestos Database - West Memorial Building, 344 Wellington - March 2014

Survey Location Reference	Floor	Room	Specific Location	Equipment Type	Material Description	Accessibility	Friability (Friable, Non-Friable)	Asbestos Type	% Present	Condition (Good, Fair, Poor, Abated, None)	Approximate Quantity	Units	Dir. 057 Action Required	Sample I.D.	Comments
86	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	20	m	7	S-JWEL-97-001, 003, or 008	
86	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	15	Fitting	7	S-JWEL-00-02	
86	5th	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column
86	5th	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
86	5th	Office area	Piping above ceiling	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(D)	Friable	Chrysotile	25-50%	G - Good	3	m	7	S-JWEL-97-001 or 008	Assumed above ceiling
86	5th	Office area	Piping above ceiling	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	5	Fitting	7	S-JWEL-00-02	Assumed above ceiling
87	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
87	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
87	5th	Office area	Piping above ceiling	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(D)	Friable	Chrysotile	25-50%	G - Good	3	m	7	S-JWEL-97-001 or 008	Assumed above ceiling
87	5th	Office area	Piping above ceiling	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	5	Fitting	7	S-JWEL-00-02	Assumed above ceiling
91A	5th	Women's washroom	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column
91A	5th	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
91B	5th	Pipe chase for women's washroom	Pipe	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(B)	Friable	Chrysotile	25-50%	G - Good	12	m	7	S-JWEL-97-001 or 008	
91B	5th	Pipe chase for women's washroom	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(B)	Friable	Chrysotile	50-75%	G - Good	5	Fitting	7	S-JWEL-00-02	
92	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
92	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
93	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
93	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
94	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
94	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
94	5th	Office area	Piping above ceiling	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(D)	Friable	Chrysotile	25-50%	G - Good	6	m	7	S-JWEL-97-001 or 008	Assumed above ceiling
94	5th	Office area	Piping above ceiling	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	10	Fitting	7	S-JWEL-00-02	Assumed above ceiling
95	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	20	m	7	S-JWEL-97-001, 003, or 008	
95	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	15	Fitting	7	S-JWEL-00-02	
95	5th	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column
95	5th	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
96	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
96	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
97	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	20	m	7	S-JWEL-97-001, 003, or 008	
97	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	15	Fitting	7	S-JWEL-00-02	
99	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	42	m	7	S-JWEL-97-001, 003, or 008	
99	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	30	Fitting	7	S-JWEL-00-02	
100	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	12	m	7	S-JWEL-97-001, 003, or 008	
100	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
101	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
101	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
102	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
102	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
102	5th	Office area	Piping above ceiling	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(D)	Friable	Chrysotile	25-50%	G - Good	6	m	7	S-JWEL-97-001 or 008	Assumed above ceiling
102	5th	Office area	Piping above ceiling	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	5	Fitting	7	S-JWEL-00-02	Assumed above ceiling
103	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	12	m	7	S-JWEL-97-001, 003, or 008	

Asbestos Database - West Memorial Building, 344 Wellington - March 2014

Survey Location Reference	Floor	Room	Specific Location	Equipment Type	Material Description	Accessibility	Friability (Friable, Non-Friable)	Asbestos Type	% Present	Condition (Good, Fair, Poor, Abated, None)	Approximate Quantity	Units	Dir. 057 Action Required	Sample I.D.	Comments
103	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
103	5th	Office area	Piping above ceiling	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(D)	Friable	Chrysotile	25-50%	G - Good	6	m	7	S-JWEL-97-001 or 008	Assumed above ceiling
103	5th	Office area	Piping above ceiling	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	5	Fitting	7	S-JWEL-00-02	Assumed above ceiling
104	5th	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column
104	5th	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
104	5th	Office area	Piping above ceiling	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(D)	Friable	Chrysotile	25-50%	G - Good	6	m	7	S-JWEL-97-001 or 008	Assumed above ceiling
104	5th	Office area	Piping above ceiling	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	5	Fitting	7	S-JWEL-00-02	Assumed above ceiling
105	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	28	m	7	S-JWEL-97-001, 003, or 008	
105	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	20	Fitting	7	S-JWEL-00-02	
105	5th	Office area	Piping above ceiling	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(D)	Friable	Chrysotile	25-50%	G - Good	25	m	7	S-JWEL-97-001 or 008	Assumed above ceiling
105	5th	Office area	Piping above ceiling	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	10	Fitting	7	S-JWEL-00-02	Assumed above ceiling
106	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
106	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
107	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	22	m	7	S-JWEL-97-001, 003, or 008	
107	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	15	Fitting	7	S-JWEL-00-02	
108	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
108	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
108	5th	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column
108	5th	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
108	5th	Office area	Piping above ceiling	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(D)	Friable	Chrysotile	25-50%	G - Good	23	m	7	S-JWEL-97-001 or 008	Assumed above ceiling
108	5th	Office area	Piping above ceiling	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	10	Fitting	7	S-JWEL-00-02	Assumed above ceiling
109	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	20	m	7	S-JWEL-97-001, 003, or 008	
109	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	15	Fitting	7	S-JWEL-00-02	
109	5th	Office area	Piping above ceiling	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(D)	Friable	Chrysotile	25-50%	G - Good	23	m	7	S-JWEL-97-001 or 008	Assumed above ceiling
109	5th	Office area	Piping above ceiling	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	10	Fitting	7	S-JWEL-00-02	Assumed above ceiling
110	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
110	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
110	5th	Office area	Piping above ceiling	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(D)	Friable	Chrysotile	25-50%	G - Good	40	m	7	S-JWEL-97-001 or 008	Assumed above ceiling
110	5th	Office area	Piping above ceiling	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	20	Fitting	7	S-JWEL-00-02	Assumed above ceiling
111	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
111	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
111	5th	Office area	Piping above ceiling	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(D)	Friable	Chrysotile	25-50%	G - Good	23	m	7	S-JWEL-97-001 or 008	Assumed above ceiling
111	5th	Office area	Piping above ceiling	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	10	Fitting	7	S-JWEL-00-02	Assumed above ceiling
112	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
112	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
112	5th	Office area	Piping above ceiling	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(D)	Friable	Chrysotile	25-50%	G - Good	23	m	7	S-JWEL-97-001 or 008	Assumed above ceiling
112	5th	Office area	Piping above ceiling	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	10	Fitting	7	S-JWEL-00-02	Assumed above ceiling
113	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
113	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
113	5th	Office area	Piping above ceiling	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(D)	Friable	Chrysotile	25-50%	G - Good	23	m	7	S-JWEL-97-001 or 008	Assumed above ceiling
113	5th	Office area	Piping above ceiling	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	10	Fitting	7	S-JWEL-00-02	Assumed above ceiling

Asbestos Database - West Memorial Building, 344 Wellington - March 2014

Survey Location Reference	Floor	Room	Specific Location	Equipment Type	Material Description	Accessibility	Friability (Friable, Non-Friable)	Asbestos Type	% Present	Condition (Good, Fair, Poor, Abated, None)	Approximate Quantity	Units	Dir. 057 Action Required	Sample I.D.	Comments
114	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	6	m	7	S-JWEL-97-001, 003, or 008	
114	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	
114	5th	Office area	Piping above ceiling	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(D)	Friable	Chrysotile	25-50%	G - Good	23	m	7	S-JWEL-97-001 or 008	Assumed above ceiling
114	5th	Office area	Piping above ceiling	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	10	Fitting	7	S-JWEL-00-02	Assumed above ceiling
115	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	
115	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	
115	5th	Office area	Piping above ceiling	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(D)	Friable	Chrysotile	25-50%	G - Good	23	m	7	S-JWEL-97-001 or 008	Assumed above ceiling
115	5th	Office area	Piping above ceiling	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	10	Fitting	7	S-JWEL-00-02	Assumed above ceiling
116	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	68	m	7	S-JWEL-97-001, 003, or 008	
116	5th	Office area	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	50	Fitting	7	S-JWEL-00-02	
116	5th	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column
116	5th	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
116	5th	Office area	Piping above ceiling	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(D)	Friable	Chrysotile	25-50%	G - Good	15	m	7	S-JWEL-97-001 or 008	Assumed above ceiling
116	5th	Office area	Piping above ceiling	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	10	Fitting	7	S-JWEL-00-02	Assumed above ceiling
117	5th	Office area	Piping in shaft	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	8	m	7	S-JWEL-97-001, 003, or 008	Suspected in shaft on south side of room. Pipe insulation may be Aircell, Layered Cardboard Wrap or Magnesia Block
117	5th	Office area	Piping in shaft	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	Suspected in shaft on south side of room
117	5th	Office area	Piping in wall	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	30	m	7	S-JWEL-97-001, 003, or 008	Assumed inside solid wall/shaft on north west side of room. Pipe insulation may be ACM Aircell, Layered Cardboard Wrap or Magnesia Block
117	5th	Office area	Piping in wall	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	Assumed inside solid wall on south side of room
118	5th	Men's washroom	Piping in wall	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	30	m	7	S-JWEL-97-001, 003, or 008	Assumed inside solid wall on south side of room. Accessible via wall hatch in Room 117. Pipe insulation may be ACM Aircell, Layered Cardboard Wrap or Magnesia Block
118	5th	Men's washroom	Piping in wall	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	Assumed inside solid wall on south side of room. Accessible via wall hatch in Room 117.
119	5th	Pipe chase for men's washroom	Pipe	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(B)	Friable	Chrysotile	25-50%	G - Good	15	m	7	S-JWEL-97-001 or 008	
119	5th	Pipe chase for men's washroom	Pipe	Mechanical/pipe insulation	Magnesia Block	(B)	Friable	Amosite and Chrysotile	25-50% and 5-25%	G - Good	8	m	7	S-JWEL-00-SA11	
119	5th	Small mechanical room	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(B)	Friable	Chrysotile	50-75%	G - Good	15	Fitting	7	S-JWEL-00-02	
120	5th	All corridors	Floor	Vinyl Floor Tiles	12"x12, Beige with red streaks	(A)	Non-friable	Chrysotile	8.10%	G - Good	600	m^2	7	S-DST-13A	
120	5th	All corridors	Ceiling	Ceiling Tiles	2'x2' Transite ceiling tiles with pinholes	(C)-Exposed	Non-friable	Chrysotile	5-25%	G - Good	600	m^2	7	S-JWEL-00-SA-14	
120	5th	Corridor, above transite ceiling tiles	Duct	Mechanical/pipe insulation	Parging cement on cork duct insulation	(D)	Friable	Chrysotile	50-75%	G - Good	50	m^2	7	S-JWEL-00-SA-25	Above ceiling, travels from north central corridor down north east corridor
120	5th	Corridor, above transite ceiling tiles	Piping above ceiling	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	G - Good	15	m	7	S-JWEL-97-001, 003, or 008	Above ceiling, located in central corridor, running south
642	5th	Electrical room	Pipe	Other Materials Containing Asbestos	Transite pipe	(B)	Non-friable	Chrysotile and Crocidolite	5-25% and 25-50%	G - Good	6	m	7	S-JWEL-00-SA16	
644	5th	Electrical room	Pipe	Other Materials Containing Asbestos	Transite pipe	(B)	Non-friable	Chrysotile and Crocidolite	5-25% and 25-50%	G - Good	6	m	7	S-JWEL-00-SA16	
Stairwell S1	5th	South east stairwell	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	Assumed inside solid wall of stairwell. Pipe insulation may be Aircell, Layered Cardboard Wrap or Magnesia Block
Stairwell S1	5th	South east stairwell	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	Assumed inside solid wall of stairwell
Stairwell S2	5th	South west stairwell	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	Assumed inside solid wall of stairwell. Pipe insulation may be Aircell, Layered Cardboard Wrap or Magnesia Block
Stairwell S2	5th	South west stairwell	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	Assumed inside solid wall of stairwell
Stairwell S3	5th	North west stairwell	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	Assumed inside solid wall of stairwell. Pipe insulation may be Aircell, Layered Cardboard Wrap or Magnesia Block
Stairwell S3	5th	North west stairwell	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	Assumed inside solid wall of stairwell
Stairwell S4	5th	North east stairwell	Piping associated with radiator(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	14	m	7	S-JWEL-97-001, 003, or 008	Assumed inside solid wall of stairwell. Pipe insulation may be Aircell, Layered Cardboard Wrap or Magnesia Block
Stairwell S4	5th	North east stairwell	Piping associated with radiator(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	Assumed inside solid wall of stairwell

Asbestos Database - West Memorial Building, 344 Wellington - March 2014

Survey Location Reference	Floor	Room	Specific Location	Equipment Type	Material Description	Accessibility	Friability (Friable, Non-Friable)	Asbestos Type	% Present	Condition (Good, Fair, Poor, Abated, None)	Approximate Quantity	Units	Dir. 057 Action Required	Sample I.D.	Comments
Sixth Floor															
1	6th	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	12	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column
1	6th	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
2	6th	Men's washroom	Pipe	Mechanical/pipe insulation	Aircell	(D)	Friable	Chrysotile	25-50%	G - Good	8	m	7	S-JWEL-97-001	Observed through ceiling hatch in pipe chase north of room
2	6th	Men's washroom	Pipe	Mechanical/pipe insulation	Aircell	(D)	Friable	Chrysotile	25-50%	P - Poor	2	m^2	7	S-JWEL-97-001	On ceiling surface
2	6th	Men's washroom	Pipe	Mechanical/pipe insulation	Magnesia Block	(D)	Friable	Amosite and Chrysotile	25-50% and 5-25%	G - Good	3	m	7	S-JWEL-00-SA11	Observed through ceiling hatch in pipe chase north of room
2	6th	Men's washroom	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	2	Fitting	7	S-JWEL-00-02	Observed through ceiling hatch in pipe chase north of room
3	6th	Former kitchen	Pipe	Mechanical/pipe insulation	Aircell	(D)	Friable	Chrysotile	25-50%	G - Good	3	m	7	S-JWEL-97-001	Observed through ceiling hatch
3	6th	Former kitchen	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	2	Fitting	7	S-JWEL-00-02	Observed through ceiling hatch
11	6th	Office area	Stack pipes inside perimeter column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one perimeter stack column
11	6th	Office area	Stack pipes inside perimeter column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one perimeter stack column
12	6th	Office area	Stack pipes inside perimeter column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one perimeter stack column
12	6th	Office area	Stack pipes inside perimeter column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one perimeter stack column
13	6th	Office area	Piping associated with convectors above	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	29	m	7	S-JWEL-97-001, 003, or 008	
13	6th	Office area	Piping associated with convectors above	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	20	Fitting	7	S-JWEL-00-02	
13	6th	Office area	Piping above ceiling	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	G - Good	12	m	7	S-JWEL-97-001, 003, or 008	Assumed above ceiling
13	6th	Office area	Piping above ceiling	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	5	Fitting	7	S-JWEL-00-02	Assumed above ceiling
14	6th	Storage	Safe	Suspected Asbestos-Containing Material	Safe door lining	(D)	Friable	Suspect	Unknown	U - Unknown	1	Safe door	7	N/A	No access to safe door lining. ACM lining beneath cladding is suspected to be present
15	6th	Washroom	Piping in wall	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	30	m	7	S-JWEL-97-001, 003, or 008	Assumed inside solid wall on south side of room. Accessible via wall hatch in Room 117. Pipe insulation may be ACM Aircell, Layered Cardboard Wrap or Magnesia Block
15	6th	Washroom	Piping in wall	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	20	Fitting	7	S-JWEL-00-02	Assumed inside solid wall on south side of room. Accessible via wall hatch in Room 117.
16	6th	Storage (pipe chase)	Pipe	Mechanical/pipe insulation	Aircell and/or Layered Cardboard Wrap	(B)	Friable	Chrysotile	25-50%	G - Good	15	m	7	S-JWEL-97-001 or 008	In closet pipe chase
16	6th	Storage (pipe chase)	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(B)	Friable	Chrysotile	50-75%	G - Good	20	Fitting	7	S-JWEL-00-02	In closet pipe chase
22	6th	Office area	Stack pipes inside perimeter column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one perimeter stack column
22	6th	Office area	Stack pipes inside perimeter column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one perimeter stack column
24	6th	Office area	Stack pipes inside perimeter column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one perimeter stack column
24	6th	Office area	Stack pipes inside perimeter column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one perimeter stack column
25	6th	Office area	Stack pipes inside perimeter column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one perimeter stack column
25	6th	Office area	Stack pipes inside perimeter column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one perimeter stack column
26	6th	Office area	Stack pipes inside perimeter column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one perimeter stack column
26	6th	Office area	Stack pipes inside perimeter column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one perimeter stack column
26	6th	Office area	Piping above ceiling	Mechanical/pipe insulation	Aircell	(D)	Friable	Chrysotile	25-50%	G - Good	15	m	7	S-JWEL-97-001	Above ceiling
27	6th	Former kitchen	Piping above ceiling	Mechanical/pipe insulation	Aircell	(D)	Friable	Chrysotile	25-50%	G - Good	5	m	7	S-JWEL-97-001	Above ceiling
27	6th	Former kitchen	Duct	Mechanical/pipe insulation	Parging cement on cork duct insulation	(D)	Friable	Chrysotile	50-75%	G - Good	30	m^2	7	S-JWEL-00-SA-25	Above ceiling. Limited visual
27	6th	Former kitchen	Plaster ceiling surface	Mechanical/pipe insulation	Parging cement on cork duct insulation	(D)	Friable	Chrysotile	50-75%	D - Debris	10	m^2	7	S-JWEL-00-SA-25	Above ceiling
28	6th	Washroom	Pipe	Mechanical/pipe insulation	Aircell	(D)	Friable	Chrysotile	25-50%	G - Good	5	m	7	S-JWEL-97-001	Limited visual, above ceiling
28	6th	Washroom	Plaster ceiling surface	Mechanical/pipe insulation	Parging cement on cork duct insulation	(D)	Friable	Chrysotile	50-75%	D - Debris	5	m^2	7	S-JWEL-00-SA-25	Above ceiling
29	6th	Janitor closet	Piping in wall	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	5	m	7	S-JWEL-97-001, 003, or 008	Assumed inside solid wall on west side of room. Pipe insulation may be ACM Aircell, Layered Cardboard Wrap or Magnesia Block

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Survey Location Reference	Floor	Room	Specific Location	Equipment Type	Material Description	Accessibility	Friability (Friable, Non-Friable)	Asbestos Type	% Present	Condition (Good, Fair, Poor, Abated, None)	Approximate Quantity	Units	Dir. 057 Action Required	Sample I.D.	Comments
29	6th	Janitor closet	Piping in wall	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	Assumed inside solid wall on west side of room
30	6th	Women's washroom	Piping in wall	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	10	m	7	S-JWEL-97-001, 003, or 008	Assumed inside solid wall in northwest corner of room. Pipe insulation may be ACM Aircell, Layered Cardboard Wrap or Magnesia Block
30	6th	Women's washroom	Piping in wall	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	10	Fitting	7	S-JWEL-00-02	Assumed inside solid wall in northwest corner of room
30	6th	Women's washroom	Duct	Mechanical/pipe insulation	Parging cement on cork duct insulation	(D)	Friable	Chrysotile	50-75%	G - Good	20	m^2	7	S-JWEL-00-SA-25	Above ceiling
30	6th	Women's washroom	Plaster ceiling surface	Mechanical/pipe insulation	Parging cement on cork duct insulation	(D)	Friable	Chrysotile	50-75%	D - Debris	10	m^2	7	S-JWEL-00-SA-25	Above ceiling
30	6th	Pipe chase for women's washroom	Pipe	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(B)	Friable	Chrysotile	25-50%	G - Good	15	m	7	S-JWEL-97-001 or 008	
30	6th	Pipe chase for women's washroom	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(B)	Friable	Chrysotile	50-75%	G - Good	15	Fitting	7	S-JWEL-00-02	
30	6th	Pipe chase for women's washroom	Duct	Mechanical/pipe insulation	Parging cement on cork duct insulation	(D)	Friable	Chrysotile	50-75%	G - Good	10	m^2	7	S-JWEL-00-SA-25	Limited visual, above ceiling
31	6th	Office area	Duct	Mechanical/pipe insulation	Parging cement on cork duct insulation	(D)	Friable	Chrysotile	50-75%	G - Good	10	m^2	7	S-JWEL-00-SA-25	Above ceiling
33	6th	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in one interior stack column
33	6th	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one interior stack column
34	6th	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	18	m	7	S-JWEL-97-001, 003, or 008	Assumed present in two interior stack columns
34	6th	Office area	Stack pipes inside interior column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	12	Fitting	7	S-JWEL-00-02	Assumed present in two interior stack columns
34	6th	Office area	Piping above ceiling	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(D)	Friable	Chrysotile	25-50%	G - Good	10	m	7	S-JWEL-97-001 or 008	Above ceiling
34	6th	Office area	Piping above ceiling	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	6	Fitting	7	S-JWEL-00-02	Above ceiling
35	6th	Conference room	Pipe	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	G - Good	23	m	7	S-JWEL-97-001, 003, or 008	Limited visual, above ceiling. Pipe insulation may be Aircell, Layered Cardboard Wrap or Magnesia Block
35	6th	Office area	Piping above ceiling	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	G - Good	2	Fitting	7	S-JWEL-00-02	Above ceiling
36	6th	Pipe chase for women's washroom	Pipe	Mechanical/pipe insulation	Magnesia Block	(B)	Friable	Amosite and Chrysotile	25-50% and 5-25%	G - Good	12	m	7	S-JWEL-00-SA11	
36	6th	Pipe chase for women's washroom	Pipe	Mechanical/pipe insulation	Magnesia Block	(B)	Friable	Amosite and Chrysotile	25-50% and 5-25%	P - Poor	0.5	m	3	S-JWEL-00-SA11	
36	6th	Pipe chase for women's washroom	Pipe	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(B)	Friable	Chrysotile	25-50%	G - Good	12	m	7	S-JWEL-97-001 or 008	
36	6th	Pipe chase for women's washroom	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(B)	Friable	Chrysotile	50-75%	G - Good	15	Fitting	7	S-JWEL-00-02	
37	6th	Disabled Washroom	Piping above ceiling	Mechanical/pipe insulation	Aircell or Layered Cardboard Wrap	(C)-Concealed	Friable	Chrysotile	25-50%	G - Good	6	m	7	S-JWEL-97-001 or 008	Above ceiling
37	6th	Disabled Washroom	Piping above ceiling	Mechanical/pipe insulation	Parging cement on pipe fittings	(C)-Concealed	Friable	Chrysotile	50-75%	G - Good	5	Fitting	7	S-JWEL-00-02	Above ceiling
38	6th	Women's washroom	Piping in wall	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	24	m	7	S-JWEL-97-001, 003, or 008	Assumed inside solid wall on south side of room. Accessible via wall hatch in Room 39. Pipe insulation may be ACM Aircell, Layered Cardboard Wrap or Magnesia Block
38	6th	Women's washroom	Piping in wall	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	20	Fitting	7	S-JWEL-00-02	Assumed inside solid wall on south side of room. Accessible via wall hatch in Room 39.
41	6th	West corridor	Floor	Vinyl Floor Tiles	12"x12, Beige with red streaks	(A)	Non-friable	Chrysotile	8.10%	G - Good	160	m^2	7	S-DST-13A	
41	6th	West corridor	Ceiling	Ceiling Tiles	2'x2' Transite ceiling tiles with pinholes	(C)-Exposed	Non-friable	Chrysotile	5-25%	G - Good	160	m^2	7	S-JWEL-00-SA-14	
41	6th	Office area	Stack pipes inside perimeter column(s)	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	9	m	7	S-JWEL-97-001, 003, or 008	Assumed present in two perimeter stack columns - 1 opposite Stairwell 1 and 1 opposite the west elevators
41	6th	Office area	Stack pipes inside perimeter column(s)	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	6	Fitting	7	S-JWEL-00-02	Assumed present in one perimeter stack column
42	6th	North corridor	Pipe	Mechanical/pipe insulation	Aircell	(D)	Friable	Chrysotile	25-50%	G - Good	20	m	7	S-JWEL-97-001	Limited visual, above 1'x1' non-ACM ceiling tiles
43	6th	North and East corridor	Floor	Vinyl Floor Tiles	12"x12", Beige with red streaks	(A)	Non-friable	Chrysotile	8.10%	G - Good	185	m^2	7	DST-13A	
43	6th	North and East corridor	Ceiling	Ceiling Tiles	2'x2' Transite ceiling tiles with pinholes	(C)-Exposed	Non-friable	Chrysotile	5-25%	G - Good	185	m^2	7	S-JWEL-00-SA-14	
44	6th	Southeast stairwell lobby	Ceiling	Ceiling Tiles	2'x2' Transite ceiling tiles with pinholes	(C)-Exposed	Non-friable	Chrysotile	5-25%	G - Good	12	m^2	7	S-JWEL-00-SA-14	
645	6th	Electrical room	Pipe	Other Materials Containing Asbestos	Transite pipe	(B)	Non-friable	Chrysotile and Crocidolite	5-25% and 25-50%	G - Good	6	m	7	S-JWEL-00-SA16	
646	6th	Electrical room	Pipe	Other Materials Containing Asbestos	Transite pipe	(B)	Non-friable	Chrysotile and Crocidolite	5-25% and 25-50%	G - Good	6	m	7	S-JWEL-00-SA16	
Stairwell S4	6th	North east stairwell	Piping associated with radiator	Mechanical/pipe insulation	Pipe insulation	(D)	Friable	Chrysotile or Chrysotile and Amosite	25-50% or 1-% and 50-75%	U - Unknown	8	m	7	S-JWEL-97-001, 003, or 008	Assumed inside solid wall of stairwell. Pipe insulation may be Aircell, Layered Cardboard Wrap or Magnesia Block
Stairwell S4	6th	North east stairwell	Piping associated with radiator	Mechanical/pipe insulation	Parging cement on pipe fittings	(D)	Friable	Chrysotile	50-75%	U - Unknown	5	Fitting	7	S-JWEL-00-02	Assumed inside solid wall of stairwell

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Survey Location Reference	Floor	Room	Specific Location	Equipment Type	Material Description	Accessibility	Friability (Friable, Non-Friable)	Asbestos Type	% Present	Condition (Good, Fair, Poor, Abated, None)	Approximate Quantity	Units	Dir. 057 Action Required	Sample I.D.	Comments
Seventh Floor															
619	7th	Storage	Pipe	Mechanical/pipe insulation	Aircell	(C)-Exposed	Friable	Chrysotile	25-50%	G - Good	2	m	7	S-JWEL-97-001	
619	7th	Storage	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(C)-Exposed	Friable	Chrysotile	50-75%	G - Good	2	Fitting	7	S-JWEL-00-02	
620	7th	Storage	Pipe	Mechanical/pipe insulation	Aircell	(C)-Exposed	Friable	Chrysotile	25-50%	G - Good	2	m	7	S-JWEL-97-001	
620	7th	Storage	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(C)-Exposed	Friable	Chrysotile	50-75%	G - Good	2	Fitting	7	S-JWEL-00-02	
621	7th	Elevator room	Pipe	Mechanical/pipe insulation	Aircell	(C)-Exposed	Friable	Chrysotile	25-50%	G - Good	15	m	7	S-JWEL-97-001	
621	7th	Elevator room	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(C)-Exposed	Friable	Chrysotile	50-75%	G - Good	12	Fitting	7	S-JWEL-00-02	
623	7th	Electrical room	Pipe	Other Materials Containing Asbestos	Transite pipe	(B)	Non-friable	Chrysotile and Crocidolite	5-25% and 25-50%	G - Good	3	m	7	S-JWEL-00-SA16	
624A	7th	Washroom	Pipe	Mechanical/pipe insulation	Magnesia Block	(B)	Friable	Amosite and Chrysotile	25-50% and 5-25%	G - Good	2	m	7	S-JWEL-00-SA11	
624A	7th	Washroom	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(B)	Friable	Chrysotile	50-75%	G - Good	1	Fitting	7	S-JWEL-00-02	
624B	7th	Pipe chase	Pipe	Mechanical/pipe insulation	Aircell	(B)	Friable	Chrysotile	25-50%	G - Good	12	m	7	S-JWEL-97-001	
624B	7th	Pipe chase	Pipe	Mechanical/pipe insulation	Magnesia Block	(B)	Friable	Amosite and Chrysotile	25-50% and 5-25%	G - Good	2	m	7	S-JWEL-00-SA11	
624B	7th	Pipe chase	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(B)	Friable	Chrysotile	50-75%	G - Good	12	Fitting	7	S-JWEL-00-02	
625	7th	Elevator/ Fan Room	Pipe	Mechanical/pipe insulation	Aircell	(B)	Friable	Chrysotile	25-50%	G - Good	25	m	7	S-JWEL-97-001	
625	7th	Elevator/ Fan Room	Pipe	Mechanical/pipe insulation	Magnesia Block	(B)	Friable	Amosite and Chrysotile	25-50% and 5-25%	G - Good	15	m	7	S-JWEL-00-SA11	
625	7th	Elevator/ Fan Room	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(B)	Friable	Chrysotile	50-75%	G - Good	25	Fitting	7	S-JWEL-00-02	
627	7th	Open areas and corridors (north and west)	Pipe	Mechanical/pipe insulation	Aircell	(C)-Exposed	Friable	Chrysotile	25-50%	G - Good	100	m	7	S-JWEL-97-001	
627	7th	Open areas and corridors (north and west)	Pipe	Mechanical/pipe insulation	Magnesia Block	(C)-Exposed	Friable	Amosite and Chrysotile	25-50% and 5-25%	G - Good	600	m	7	S-JWEL-00-SA11	
627	7th	Open areas and corridors (north and west)	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(C)-Exposed	Friable	Chrysotile	50-75%	G - Good	200	Fitting	7	S-JWEL-00-02	
629A	7th	Fan room	Pipe	Mechanical/pipe insulation	Aircell	(C)-Exposed	Friable	Chrysotile	25-50%	G - Good	10	m	7	S-JWEL-97-001	
629	7th	Fan room	Pipe	Mechanical/pipe insulation	Magnesia Block	(C)-Exposed	Friable	Amosite and Chrysotile	25-50% and 5-25%	G - Good	15	m	7	S-JWEL-00-SA11	
629	7th	Fan room	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(C)-Exposed	Friable	Chrysotile	50-75%	G - Good	30	Fitting	7	S-JWEL-00-02	
629	7th	Fan room	Duct	Mechanical/pipe insulation	Parging cement on duct insulation	(B)	Friable	Chrysotile	50-75%	G - Good	6	m^2	7	S-JWEL-00-SA-25	
630	7th	Storage	Pipe	Mechanical/pipe insulation	Aircell	(C)-Exposed	Friable	Chrysotile	25-50%	G - Good	50	m	7	S-JWEL-97-001	
630	7th	Storage	Pipe	Mechanical/pipe insulation	Magnesia Block	(C)-Exposed	Friable	Amosite and Chrysotile	25-50% and 5-25%	G - Good	75	m	7	S-JWEL-00-SA11	
630	7th	Storage	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(C)-Exposed	Friable	Chrysotile	50-75%	G - Good	80	Fitting	7	S-JWEL-00-02	
631	7th	Mechanical/ Electrical room	Pipe	Mechanical/pipe insulation	Aircell	(B)	Friable	Chrysotile	25-50%	G - Good	5	m	7	S-JWEL-97-001	
631	7th	Mechanical/ Electrical room	Pipe	Mechanical/pipe insulation	Aircell	(B)	Friable	Chrysotile	25-50%	F - Fair	1	Exposed end	6	S-JWEL-97-001	
631	7th	Mechanical/ Electrical room	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(B)	Friable	Chrysotile	50-75%	G - Good	5	Fitting	7	S-JWEL-00-02	
632	7th	Fan room	Pipe	Mechanical/pipe insulation	Magnesia Block	(C)-Exposed	Friable	Amosite and Chrysotile	25-50% and 5-25%	G - Good	12	m	7	S-JWEL-00-SA11	
632	7th	Fan room	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(C)-Exposed	Friable	Chrysotile	50-75%	G - Good	20	Fitting	7	S-JWEL-00-02	
632	7th	Fan room	Duct	Mechanical/pipe insulation	Parging cement on duct insulation	(B)	Friable	Chrysotile	50-75%	G - Good	15	m^2	7	S-JWEL-00-SA-25	Parging on ductwork may continue through wall into adjacent, concealed areas
633	7th	Fan room	Pipe	Mechanical/pipe insulation	Aircell	(C)-Exposed	Friable	Chrysotile	25-50%	G - Good	6	m	7	S-JWEL-97-001	
633	7th	Fan room	Pipe	Mechanical/pipe insulation	Magnesia Block	(C)-Exposed	Friable	Amosite and Chrysotile	25-50% and 5-25%	G - Good	9	m	7	S-JWEL-00-SA11	
633	7th	Fan room	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(C)-Exposed	Friable	Chrysotile	50-75%	G - Good	10	Fitting	7	S-JWEL-00-02	
634A	7th	Electrical room	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(C)-Exposed	Friable	Chrysotile	50-75%	G - Good	2	Fitting	7	S-JWEL-00-02	
634B	7th	Pipe chase	Pipe	Mechanical/pipe insulation	Aircell	(B)	Friable	Chrysotile	25-50%	G - Good	6	m	7	S-JWEL-97-001	
634B	7th	Pipe chase	Pipe	Mechanical/pipe insulation	Aircell	(B)	Friable	Chrysotile	25-50%	D - Debris	1	m^2	1	S-JWEL-97-001	1m² Cardboard box containing Aircell debris observed in this location
634B	7th	Pipe chase	Pipe	Mechanical/pipe insulation	Magnesia Block	(B)	Friable	Amosite and Chrysotile	25-50% and 5-25%	G - Good	3	m	7	S-JWEL-00-SA11	
634B	7th	Pipe chase	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(B)	Friable	Chrysotile	50-75%	G - Good	5	Fitting	7	S-JWEL-00-02	
635	7th	Storage	Pipe	Mechanical/pipe insulation	Aircell	(C)-Exposed	Friable	Chrysotile	25-50%	G - Good	2	m	7	S-JWEL-97-001	
635	7th	Storage	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(C)-Exposed	Friable	Chrysotile	50-75%	G - Good	2	Fitting	7	S-JWEL-00-02	

Asbestos Database - West Memorial Building, 344 Wellington - March 2014

Survey Location Reference	Floor	Room	Specific Location	Equipment Type	Material Description	Accessibility	Friability (Friable, Non-Friable)	Asbestos Type	% Present	Condition (Good, Fair, Poor, Abated, None)	Approximate Quantity	Units	Dir. 057 Action Required	Sample I.D.	Comments
636	7th	Elevator room	Pipe	Mechanical/pipe insulation	Aircell	(C)-Exposed	Friable	Chrysotile	25-50%	G - Good	12	m	7	S-JWEL-97-001	
636	7th	Elevator room	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(C)-Exposed	Friable	Chrysotile	50-75%	G - Good	12	Fitting	7	S-JWEL-00-02	
637	7th	Open areas and corridor (east)	Pipe	Mechanical/pipe insulation	Aircell	(C)-Exposed	Friable	Chrysotile	25-50%	G - Good	45	m	7	S-JWEL-97-001	
637	7th	Open areas and corridor (east)	Pipe	Mechanical/pipe insulation	Magnesia Block	(C)-Exposed	Friable	Amosite and Chrysotile	25-50% and 5-25%	G - Good	190	m	7	S-JWEL-00-SA11	
637	7th	Open areas and corridor (east)	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(C)-Exposed	Friable	Chrysotile	50-75%	G - Good	75	Fitting	7	S-JWEL-00-02	
Ninth Floor															
639	9th	Tower room	Pipe	Mechanical/pipe insulation	Aircell	(C)-Exposed	Friable	Chrysotile	25-50%	G - Good	45	m	7	S-JWEL-97-001	
639	9th	Tower room	Pipe	Mechanical/pipe insulation	Parging cement on pipe fittings	(C)-Exposed	Friable	Chrysotile	50-75%	G - Good	22	Fitting	7	S-JWEL-00-02	
Other															
General	Throughout	All mechanical rooms	Mechanical equipment	Suspected Asbestos-Containing Material	Internal gasket linings	(D)	Friable	Suspect	U - Unknown	U - Unknown	N/A	Gaskets	7	Suspect	
Throughout	Throughout	Throughout	Cast Iron Piping	Suspected Asbestos-Containing Material	Cast Iron Drain Pipe Joint Caulking	B, C, D	N/A	Suspect	Unknown	U - Unknown	Unknown	Not Applicable	7	Suspect	
Exterior	Exterior - 7th, 8th and 9th	Exterior	All dormer windows	Other Materials Containing Asbestos	Window caulking	(C)-Exposed	Non-Friable	Chrysotile	3.3%	G - Good	48 Windows	Each	7	DST-41A	
Exterior	Exterior - ground to 6th floors	Exterior	All windows	Other Materials Containing Asbestos	Window caulking	(C)-Exposed	Non-Friable	Chrysotile	3.7%	G - Good	844 Windows	Each	7	DST-46A	
Exterior	Exterior	Exterior	Joints between metal roof and stone masonry	Other Materials Containing Asbestos	Caulking applications	(C)-Exposed	Non-Friable	Suspect	Unknown	G - Good	Not Applicable	Not Applicable	7	Suspect	Multiple caulking applications applied over a period of years, cannot delineate
Exterior	Exterior	Exterior	Below all Copper roofing systems	Other Materials Containing Asbestos	Concealed and inaccessible materials beneath copper roofing systems	(D)	U - Unknown	Suspect	Unknown	U - Unknown	Not Applicable	Not Applicable	7	Suspect	Concealed ACMs may be present below all copper roofing systems

Notes:
1. Asbestos disturbance, abatement, transportation, and disposal shall be performed in accordance with requirements of O.Reg. 278/05, PWGSC DP-057, O.Reg. 347/90, as amended, and TDGA.
2. All quantities, as provided, are approximations. Quantities, conditions, and locations of asbestos-containing materials are to be confirmed on-site by contractors prior to project bidding, removal or disturbance.
3. The survey did not include an intrusive, destructive investigation for concealed materials in every room. As a result, materials that may be present behind or above solid building material finishes are not included as part of the above database, unless otherwise stated.
4. Accessibility based on criteria defined by PWGSC DP057 - Asbestos Management:
   - Access (A) – Exposed and within reach from floor level,
   - Access (B) – Frequently entered areas by maintenance personnel, within reach without a ladder, and
   - Access (C) – Exposed and Access (C) - Concealed. Access (C) Exposed includes areas of the building accessible by a ladder only. Access (C) - Concealed includes areas of the building which require removal of a building component, including lay-in ceiling tiles and access panels into solid ceiling systems
   - Access (D) – Areas of the building behind inaccessible solid building finishes, where demolition of the solid building finish is required to reach the ACM
5. Sample I.D is prefixed with "15816-"
6. "S-" before Sample I.D. denotes "similar to"
7. "Pipe insulation" may be asbestos-containing Aircell, Magnesia Block or Layered Cardboard Wrap
8. Asbestos-containing pipe insulation and pipe fittings are general located in concealed areas above or behind solid building finishes (Access D)

Appendix D

Table of Quantities of Fluorescent Light Tubes Containing Mercury
Table of Quantities of Equipment Containing PCBs

Fluorescent Light Tube Quantities Table, West Memorial Building	
Floor	**Approximate Number of Fluorescent Light Tubes**
Sub-basement	0
Basement	280
Ground	980
1st Floor	1,500
2nd Floor	1,500
3rd Floor	1,500
4th Floor	1,500
5th Floor	560
6th Floor	620
7th Floor	28
8th Floor	20
9th Floor	20
Approximate Total for building	**8508**

Mercury-containing electrical switches, gauges, thermostats, thermometers and batteries associated with mechanical equipment are present in the Mechanical Rooms located on the Basement and Sub-basement levels

Note:
All quantities, as provided, are approximations. Quantities are to be confirmed on-site by contractors prior to project bidding, removal or disturbance.

PCB-Containing Light Ballast Quantities Table, West Memorial Building

Floor	Approximate Number of Light Fixture ballasts	Approximate Number of PCB ballasts
Sub-basement	0	0
Basement	215	70
Ground	450	145
1st Floor	750	265
2nd Floor	750	430
3rd Floor	750	470
4th Floor	750	385
5th Floor	255	135
6th Floor	255	180
7th Floor	210	0
8th Floor	10	5
9th Floor	10	5
Approximate Total for Building	**4405**	**2090**

Appendix E

References for Previous Reports

APPENDIX E – REFERENCES FOR PREVIOUS REPORTS

The following is a chronological summary of the previous reports that were referenced as part of this consolidated DSR:

1. Designated Substances Survey, West Memorial Building. Prepared by Jacques Whitford Environment Limited (JWEL) (File No.: 60608-60002), dated October 10, 1997.
2. Designated Substances and Hazardous Materials Survey, West Memorial Building. Prepared by JWEL (File No.: 61167), dated March 31, 2000.
3. Asbestos Assessment to Meet Ontario Regulation 278/05, West Memorial Building. Prepared by Greenough Environmental Consulting (GEC) (File No.: 23696), and dated October 2007.
4. Designated Substances Report, West Memorial Building. Prepared by GEC (File No.: 24215), dated February 29, 2008.
5. West Memorial Building Rehabilitation Project, Feasibility Report. Prepared by GRC/Cohos Architects Joint Venture (File No.: 850433), and dated June 2008.
6. Designated Substances and Hazardous Materials Update, West Memorial Building. Prepared by CIMA+ (File No.: G001938-000-030), and dated March 30, 2009.
7. Annual Assessment of Asbestos-Containing Materials, West Memorial Building. Prepared by GEC (File No.: 26589), and dated October 2012.

This report titled:

Designated Substances Report for the West Memorial Rehabilitation Project, West Memorial Building, 344 Wellington Street, Ottawa, Ontario

May 21, 2014

ESD Project Numbers: R.011705.061 and R.067947.001
Has been prepared by DST Consulting Engineers Inc.:

Signature:

SOA Client Manager

Brendan Harrigan, P.Eng