



February 16, 2021

CITY OF COQUITLAM

c/o Turnbull Construction Project Managers Ltd.
Suite 1670 Central City Office Tower
13450 - 102nd Avenue
Surrey, BC V3T 5X3

Attention: Mr. Ashley Karlen
Project Coordinator

**Ref: CONTRACTOR VERSION - REVISED PRE-PROJECT HAZARDOUS BUILDING MATERIALS SURVEY
FOR THE PLANNED DEMOLITION OF THE BURQUITLAM LIONS CARE CENTRE AND OUT-BUILDINGS
LOCATED AT 560 SYDNEY AVENUE, COQUITLAM, BC**

1.0 INTRODUCTION

Astech Consultants Ltd. (Astech) was retained by the City of Coquitlam to conduct a Pre-Project Hazardous Building Materials Survey and compile a detailed report on the presence and location of asbestos containing building materials, lead, polychlorinated biphenyls (PCBs), mercury, stored chemicals, and silica to be impacted by the planned demolition of the Burquitlam Lions Care Centre and Out-Buildings located at 560 Sydney Avenue, Coquitlam, BC. This revised report includes for leachate lead sample results.

Astech's survey and report format is designed specifically to satisfy the current applicable regulation from the Workers' Compensation Board of British Columbia (WCB) Occupational Health and Safety Regulation 20.112 regarding hazardous building material assessments by a Qualified Person for buildings and structures.

This survey was conducted on January 29, February 2, 5, 8, 9, 11, and 12, 2021 by Scott Price assisted by Richard Skrukwa, Brian Tang, Xavier Tintinger, and Jesse James of Astech. It must be emphasized that this survey was concerned exclusively with the subject buildings. The site survey was destructive in nature and thorough in investigating layered floor, wall, and ceiling systems. However, inaccessible areas which would require the actual dismantling of substantial portions of the buildings in order to gain access were not investigated. No attempt was made to investigate underground services or the surrounding property. Therefore, if during work activities, other hazardous materials, asbestos containing materials, or potential asbestos containing materials not included in this report are discovered, work should immediately cease in the affected area. At that time, Astech should be contacted so that they can initiate immediate appropriate action so that there are no undue delays.

2.0 BUILDING DESCRIPTION

The buildings on site are described as:

- a three-storey plus below grade parking garage extended care centre faced with concrete, concrete block, giant brick, and stucco. The building has had a few renovations over the years. According

to BC Assessment the building was constructed in 1981. The building is heated by a natural gas boiler, mechanical piping, and radiators. At the time of survey, the interior and exterior of the building were in good condition.

- a detached northwest wood shed. At the time of survey, the interior and exterior of the canopy were in fair condition.
- a detached northwest wood canopy. At the time of survey, the interior and exterior of the canopy were in good condition.

3.0 METHODOLOGY

3.1 ASBESTOS CONTAINING MATERIALS

A visual inspection was undertaken in order to determine the type, location, and homogeneous nature of asbestos and potential asbestos containing building materials located at the subject buildings. During this inspection, two hundred ninety-three (293) bulk samples of potential asbestos containing materials were collected from specific locations of the buildings. The number of samples collected during this survey are in accordance with the guidelines established by the WCB in their 2020 publication Safe Work Practices for Handling Asbestos, and as indicated by actual site conditions. The samples collected were submitted for analysis at our in-house laboratory in accordance with the WCB Occupational Health and Safety Regulation, utilizing polarized light microscopy, and dispersion staining techniques. Results of laboratory analysis of the samples collected during this survey and a previous survey are attached.

3.2 LEAD FINISHES

A visual inspection was undertaken in order to determine the type and location of paints, primers, coatings, and/or glazing finishes suspected of containing lead at the subject buildings. During this inspection, one hundred twenty-four (124) bulk samples of potential lead finishes were collected from specific locations of the buildings. The samples collected were submitted for analysis at our in-house laboratory in accordance with US EPA methods and the requirements of the WCB Occupational Health and Safety Regulation. Results of laboratory analysis of the samples collected during this survey are attached.

During this inspection, eighteen (18) bulk samples of intact lead containing paint on wood and cementitious substrates were collected from the subject buildings. The bulk samples were submitted for Toxicity Characteristic Leachate Procedure for lead (TCLP lead) laboratory analysis in accordance with US EPA methods and the requirements of the WCB Occupational Health and Safety Regulation. Results of laboratory analysis of the samples collected during this survey are attached.

3.3 LEAD CONSTRUCTION MATERIALS, SOLID PCBs, MERCURY, STORED CHEMICALS, AND SILICA

A visual inspection was undertaken at the subject buildings in order to determine the presence of:

- construction materials suspected of containing lead and other heavy metals,
- fluorescent and high intensity discharge (HID) light fixtures suspected of containing PCB ballasts or capacitors,
- thermostats, light tubes/bulbs, and associated equipment suspected of containing mercury,
- stored chemicals suspected of being toxic, flammable, or explosive, and
- building materials suspected of containing silica in crystalline and non-crystalline forms.

4.0 INSPECTION RESULTS

4.1 ASBESTOS CONTAINING MATERIALS

GENERAL NOTE

- **Assumed Asbestos Containing Building Materials:** The assumed asbestos containing building materials listed below were inaccessible at time of survey and must be considered asbestos containing until laboratory results determine otherwise. In order to test the materials destructive testing may be required.

The visual inspection and/or analytical results determined that asbestos containing materials and/or assumed asbestos containing materials are located at the following specific locations:

CARE CENTRE - ALL AREAS OF BUILDING

All Areas including Rooms, Floor Cavities, Wall Cavities, and Ceiling Spaces

- Asbestos containing pipe thread compound at fittings of sprinkler piping system (mostly concealed).
- Asbestos containing sealants in windows of interior wood and metal doors (mostly concealed).
- Asbestos containing sealant in interior metal-framed windows (mostly concealed).
- Asbestos containing mastics at joints of ductwork (some concealed and some on adjacent building materials).
- Asbestos containing insulating cement at some through hole wall and ceiling pipe penetrations (mostly concealed).
- Assumed asbestos containing composite insulation in interior metal and wood doors (see General Note above).
- Assumed asbestos containing gaskets and packings at valves and flanges of mechanical piping systems (see General Note above).

CARE CENTRE - ELEVATORS AND STAIRWELLS

**North Stairwell,
Centre Stairwell,
South Stairwell,
North Elevator Car, and
South Elevator Car**

- No asbestos materials observed, except as listed in “**All Areas of Building**” above.

CARE CENTRE - PARKING LEVEL

**Elevator Lobby,
North Locker Room including Washroom and Three Showers, and
West Locker Room including Washroom and Shower**

- Asbestos containing paper backed sheet flooring (some concealed).

**Centre Elevator Control Room,
Parking Garage Entrance Foyer, and
Parking Garage**

- No asbestos materials observed, except as listed in “**All Areas of Building**” above.

**Electrical Room including Storage beneath Stairs (within Parking Garage),
Northeast Storage Room (within Parking Garage),
South Elevator Control Room (within Parking Garage),
Work Shop (within Parking Garage),
Southeast Storage Room (within Parking Garage), and
Sprinkler Room (within Parking Garage)**

- No asbestos materials observed, except as listed in “**All Areas of Building**” above.

Telephone Room (within Parking Garage)

- **Asbestos** containing firestop putty at wall cable penetration (some concealed).

Wall Cavities and Ceiling Spaces

- No asbestos materials observed, except as listed in “**All Areas of Building**” above.

CARE CENTRE - GROUND FLOOR

East Entrance Foyer including Corridors and Boutique

- **Asbestos** containing paper backed sheet flooring and/or paper residue (concealed beneath a layer of non-asbestos paper backed sheet flooring and other building materials).

**General Office including Closet,
Secretary Office,
Northwest Accountant’s Office,
Northwest Corridor at Washrooms,
Northwest Administrator’s Office,
West Lounge Room including Closet, and
Dining Room including Closet**

- **Asbestos** containing paper backed sheet flooring and/or paper residue (concealed beneath a layer of carpets, adhesives, and other building materials).

Northwest Cameo Room (2 Rooms)

- **Asbestos** containing paper backed sheet flooring and/or paper residue (concealed beneath a layer of carpets, adhesives, and other building materials).
- **Asbestos** containing caulking around exterior metal-framed windows (some concealed and some on adjoining building materials).

**North Women’s Washroom,
North Men’s Washroom, and
Northwest Beauty Parlour**

- **Asbestos** containing paper backed sheet flooring (concealed beneath a layer of non-asbestos paper backed sheet flooring and other building materials).

West Solarium

- No asbestos materials observed, except as listed in “**All Areas of Building**” above.

Southwest Kitchen

- **Asbestos** containing coating on underside of metal sinks.

**Dry Storage Room, and
Dietary Office**

- **Asbestos** containing paper backed sheet flooring (some concealed).

**Receiving Room,
Soiled Linen Room,
South Janitor's Closet,
South Staff Washroom,
Housekeeping Office,
Maintenance Office,
Office within East Activity Room, and
Centre Janitor's Closet**

- **Asbestos** containing paper backed sheet flooring (some concealed).

**East Activity Room including Closet and Small Kitchen within, and
Southeast Staff Lounge (2 Rooms)**

- **Asbestos** containing paper backed sheet flooring (some concealed).
- **Asbestos** containing coating on underside of metal sinks.

**Work Room within Activity Room,
Centre Ladies' Washroom,
Centre Men's Washroom, and
East Chapel including Storage Room within**

- **Asbestos** containing paper backed sheet flooring (concealed beneath a layer of non-asbestos paper backed sheet flooring and other building materials).

Floor Cavities

- No asbestos materials observed, except as listed in "**All Areas of Building**" above.

Wall Cavities

- **Asbestos** containing paper backed sheet flooring and/or paper residue (concealed beneath some newer partition walls).

Ceiling Spaces

- No asbestos materials observed, except as listed in "**All Areas of Building**" above.

CARE CENTRE - SECOND FLOOR

Care Rooms 201 to 239 including Closets and Washrooms (37 Units)

**Work Room,
Medical Room (within Work Room),
Staff Washroom,
Janitor's / Telecom Closet,
Washroom within Bath Area,
Clean Linen Room,
Soiled Linen Room, and
Storage Room adjacent Soiled Linen Room**

- **Asbestos** containing paper backed sheet flooring (concealed beneath a layer of non-asbestos sheet flooring and other building materials).

Corridors including Sitting Area and Nurse's Station

- **Asbestos** containing paper backed sheet flooring (concealed beneath a layer of non-asbestos sheet flooring and other building materials).
- **Asbestos** containing coating on underside of sink at Nurse's Station.

Dietician's Office

- **Asbestos** containing paper backed sheet flooring (concealed beneath a layer of carpet, adhesive, and other building materials).

Northwest Garden Room

- **Asbestos** containing paper backed sheet flooring and/or paper residue (concealed beneath a layer of non-asbestos paper backed sheet flooring and other building materials).
- **Asbestos** containing caulking around exterior metal-framed windows (some concealed and some on adjoining building materials).

Bath Area

- No asbestos materials observed, except as listed in "**All Areas of Building**" above.

Floor Cavities

- No asbestos materials observed, except as listed in "**All Areas of Building**" above.

Wall Cavities

- **Asbestos** containing paper backed sheet flooring and/or paper residue (concealed beneath some newer partition walls).

Ceiling Spaces

- No asbestos materials observed, except as listed in "**All Areas of Building**" above.

CARE CENTRE BUILDING - THIRD FLOOR

**Care Rooms 301 to 339 including Closets and Washrooms (37 Units),
Work Room,
Medical Room (within Work Room),
Staff Washroom,
Janitor's / Telecom Closet,
Washroom within Bath Area,
Clean Linen Room,
Soiled Linen Room, and
Storage Room adjacent Soiled Linen Room**

- **Asbestos** containing paper backed sheet flooring (concealed beneath a layer of non-asbestos sheet flooring and other building materials).

Corridors including Sitting Area and Nurse's Station

- **Asbestos** containing paper backed sheet flooring (concealed beneath a layer of non-asbestos sheet flooring and other building materials).
- **Asbestos** containing coating on underside of sink at Nurse's Station.

Dietician's Office

- **Asbestos** containing paper backed sheet flooring and/or paper residue (concealed beneath a layer of non-asbestos vinyl planking and other building materials).

Northwest Sunshine Room

- **Asbestos** containing paper backed sheet flooring and/or paper residue (concealed beneath a layer of non-asbestos paper backed sheet flooring and other building materials).
- **Asbestos** containing caulking around exterior metal-framed windows (some concealed and some on adjoining building materials).

Bath Area (2 Rooms)

- No asbestos materials observed, except as listed in “**All Areas of Building**” above.

Floor Cavities

- **Asbestos** containing paper backed sheet flooring and/or paper residue (concealed beneath some newer partition walls).

Wall Cavities and Ceiling Spaces

- No asbestos materials observed, except as listed in “**All Areas of Building**” above.

CARE CENTRE BUILDING - MECHANICAL PENTHOUSE**Mechanical Room**

- **Asbestos** containing mastic on and within supply air ductwork and plenums (some concealed).
- **Asbestos** containing textile expansion joints at some ductwork (some concealed).
- Assumed **asbestos** containing paper insulation lining interior of metal exhaust vents to rooftop (see General Note above).
- Assumed **asbestos** containing parging and refractory brick within Boiler (see General Note above).

CARE CENTRE BUILDING - EXTERIOR**Walls and Soffits**

- **Asbestos** containing caulking at overlap joints of sloped metal wall claddings (concealed and some on adjoining building materials).
- **Asbestos** containing caulking at joints of metal rain water leaders (some concealed and some on adjoining building materials).
- **Asbestos** containing firestop putty at electrical conduit wall penetrations (some concealed and some on adjoining building materials).

Doors and Windows

- **Asbestos** containing sealants in windows of exterior metal doors and metal-framed sliding glass doors (mostly concealed).
- **Asbestos** containing sealants in exterior metal-framed windows (mostly concealed).
- **Asbestos** containing caulking around exterior metal-framed door and windows (some concealed and some on adjoining building materials).

Main Rooftop

- **Asbestos** containing caulking at overlap joints of sloped metal claddings (concealed and some on adjoining building materials).
- **Asbestos** containing caulking at overlap joints of metal perimeter flashing (some concealed and some on adjoining building materials).
- **Asbestos** containing caulking on lead roof jacks with AHU electrical cable/associated piping (some concealed).

Mechanical Penthouse Rooftop

- **Asbestos** containing caulking at overlap joints of metal perimeter flashing (some concealed and some on adjoining building materials).
- Assumed **asbestos** containing paper insulation lining interior of metal exhaust vents (see General Note above).

Lower Southeast Rooftop (above Parking Garage)

- **Asbestos** containing caulking at overlap joints of metal perimeter flashing (some concealed and some on adjoining building materials).
- **Asbestos** containing caulking at metal wall flashing (some concealed and some on adjoining building materials).

**North Elevator Shaft Rooftop,
South Elevator Shaft Rooftop,
Lower West Solarium Rooftop, and
Southeast Storage Room Rooftop (within Parking Garage)**

- No asbestos materials observed.

Underground

- Assumed **asbestos** containing damp-proofing on foundation walls concealed below grade (see General Note above).
- Assumed **asbestos** containing cement piping (see General Note above).

DETACHED NORTHWEST SHED**Interior and Exterior including Rooftop**

- No asbestos materials observed.

DETACHED NORTHWEST WOOD CANOPY**Interior and Exterior including Rooftop**

- No asbestos materials observed.

4.2 LEAD

The visual inspection and/or laboratory analytical results determined the following at the subject buildings (some of which is in a deteriorated condition and flaking):

Care Centre - Interior

- beige paint containing 2,062 parts per million (PPM) of **lead** was used on metal surfaces,
- beige paint containing 336 PPM of **lead** was used on gypsum board surfaces,
- non-leachable beige paint containing 241 PPM of **lead** was used on concrete columns,
- non-leachable beige paint containing 156 PPM of **lead** was used on wood window sills, and
- beige paint containing 25 PPM of **lead** was used on concrete walls.
- light beige paint containing 7,610 PPM of **lead** was used on metal railings,
- light beige paint containing 2,849 PPM of **lead** was used on metal radiators,
- light beige paint containing 268 PPM of **lead** was used on gypsum board surfaces,
- non-leachable light beige paint containing 212 PPM of **lead** was used on wood closet doors and shelving, and
- light beige paint containing 17 PPM of **lead** was used on concrete walls.
- dark beige paint containing 956 PPM of **lead** was used on metal radiators,
- dark beige paint containing 469 PPM of **lead** was used on gypsum board surfaces,
- non-leachable dark beige paint containing 186 PPM of **lead** was used on wood window sills, and
- dark beige paint containing 16 PPM of **lead** was used on concrete walls.

- blue paint containing 1,341 PPM of **lead** was used on metal doors and frames,
- blue paint containing 321 PPM of **lead** was used on wood doors,
- blue paint containing 225 PPM of **lead** was used on gypsum board surfaces, and
- blue paint containing 19 PPM of **lead** was used on wood window sills.

- light blue paint containing 217 PPM of **lead** was used on gypsum board surfaces, and
- light blue paint containing 20 PPM of **lead** was used on concrete columns.

- brown paint containing 570 PPM of **lead** was used on metal surfaces,
- brown paint containing 235 PPM of **lead** was used on wood doors and frame.

- light brown paint containing 7,561 PPM of **lead** was used on metal radiators,
- light brown paint containing 918 PPM of **lead** was used on metal doors, and door/window frames,
- light brown paint containing 429 PPM of **lead** was used on gypsum board surfaces,
- light brown paint containing 82 PPM of **lead** was used on wood window sills, and
- light brown paint containing 28 PPM of **lead** was used on concrete walls.

- dark brown paint containing 2,949 PPM of **lead** was used on metal doors and frames, and
- dark brown paint containing 29 PPM of **lead** was used on metal window frames.

- non-leachable burgundy brown paint containing 443 PPM of **lead** was used on concrete walls.

- green paint containing 1,303 PPM of **lead** was used on metal doors and door/window frames,
- non-leachable green paint containing 326 PPM of **lead** was used on wood window sills, and
- non-leachable green paint containing 287 PPM of **lead** was used on concrete floors.

- light green paint containing 417 PPM of **lead** was used on metal doors,
- light green paint containing 25 PPM of **lead** was used on gypsum board surfaces, and
- light green paint containing 26 PPM of **lead** was used on concrete walls.

- non-leachable grey paint containing 394 PPM of **lead** was used on concrete surfaces,
- grey paint containing 296 PPM of **lead** was used on gypsum board surfaces, and
- grey paint containing 135 PPM of **lead** was used on metal doors and frames.

- orange paint containing 19,700 PPM of **lead** was used on metal stall dividers,
- orange paint containing 2,483 PPM of **lead** was used on metal doors,
- orange paint containing 629 PPM of **lead** was used on concrete block, and
- orange paint containing 236 PPM of **lead** was used on wood doors.

- pink paint containing 354 PPM of **lead** was used on wood doors.

- non-leachable light purple paint containing 93 PPM of **lead** was used on wood window sills, and
- light purple paint containing 20 PPM of **lead** was used on metal door and window frames.

- non-leachable red paint containing 2,203 PPM of **lead** was used on wood and metal wall/drain pipe guards,
- non-leachable red paint containing 371 PPM of **lead** was used on concrete stairs and landings, and
- red paint containing 226 PPM of **lead** was used on wood doors.

- white paint containing 2,294 PPM of **lead** was used on metal door and window frames,
 - white paint containing 1,285 PPM of **lead** was used on metal access hatches,
 - non-leachable white paint containing 708 PPM of **lead** was used on concrete block walls,
 - white paint containing 623 PPM of **lead** was used on gypsum board surfaces,
 - white paint containing 352 PPM of **lead** was used on metal clad wood doors,
 - non-leachable white paint containing 201 PPM of **lead** was used on wood window sills,
 - white paint containing 182 PPM of **lead** was used on metal sprinkler piping,
 - white paint containing 127 PPM of **lead** was used on metal drain pipes and guards,
 - white paint containing 36 PPM of **lead** was used on concrete columns and walls,
 - white paint containing 23 PPM of **lead** was used on concrete ceilings, and
 - white paint containing 21 PPM of **lead** was used on suspended ceiling tiles.
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- off-white paint containing 1,786 PPM of **lead** was used on metal surfaces,
 - non-leachable off-white paint containing 776 PPM of **lead** was used on concrete surfaces,
 - off-white paint containing 706 PPM of **lead** was used on gypsum board surfaces,
 - off-white paint containing 336 PPM of **lead** was used on wood doors,
 - non-leachable off-white paint containing 251 PPM of **lead** was used on wood window sills,
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- yellow line paint containing 28,200 PPM of **lead** was used on asphalt surfaces,
 - yellow paint containing 337 PPM of **lead** was used on wood doors,
 - yellow paint containing 224 PPM of **lead** was used on gypsum board surfaces, and
 - yellow paint containing 15 PPM of **lead** was used on concrete stairs.
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- dark yellow paint containing 3,613 PPM of **lead** was used on metal doors.
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- light brown glazing finish containing more than 100,000 PPM of **lead** was used on 6" ceramic floor tiles,
 - off-white glazing finish containing 45,700 PPM of **lead** was used on 4" ceramic wall tiles,
 - cream glazing finish containing 7,948 PPM of **lead** was used on 4" ceramic wall tiles,
 - brown glazing finish containing 296 PPM of **lead** was used on 6" ceramic wall tiles,
 - brown glazing finish containing 142 PPM of **lead** was used on 6" ceramic floor tiles, and
 - brown glazing finish containing 64 PPM of **lead** was used on 2" ceramic floor tiles.

Care Centre - Exterior

- yellow line paint containing 28,200 PPM of **lead** was used on concrete and asphalt surfaces,
- light green paint containing 9,228 PPM of **lead** was used on metal cladding,
- brown paint containing 8,369 PPM of **lead** was used on metal surfaces,
- dark brown paint containing 629 PPM of **lead** was used on metal window frames,
- grey paint containing 135 PPM of **lead** was used on metal doors and frames,
- dark brown paint containing 94 PPM of **lead** was used on metal railings,
- black paint containing 54 PPM of **lead** was used on metal fencing,
- white paint containing 51 PPM of **lead** was used on metal soffits,
- dark brown paint containing 39 PPM of **lead** was used on metal fencing,
- white paint containing 29 PPM of **lead** was used on smooth stucco surfaces,
- black paint containing 24 PPM of **lead** was used on metal doors and frames,
- dark brown paint containing 19 PPM of **lead** was used on exterior metal window frames,
- paints on metal perimeter flashings are considered to be **lead** containing, and
- there are **lead** roof vents and caps located on the Main Rooftop.

Detached Northwest Wood Shed - Exterior

- dark brown stain containing 10 PPM of **lead** was used on wood siding.

4.3 PCBs

The visual inspection determined that there are five hundred thirteen (513) newer and older fluorescent and HID light fixtures at the Care Centre (including some in storage). The older fixtures are suspected of having one or more PCB containing ballasts/capacitors. PCB ballast/capacitor identification requires the disassembly of the light fixture in order to locate the manufacturer's identification code.

4.4 MERCURY

The visual inspection determined that there eighty-seven (87) thermostats at the Care Centre that contain mercury. Also, there are numerous fluorescent light tubes/bulbs at the Care Centre that contain mercury (including some in storage).

4.5 STORED CHEMICALS AND OTHER HAZARDOUS MATERIALS

The following list of materials were present in and around the subject buildings at time of inspection:

- numerous containers of paint, cleaners, petroleum products including elevator hydraulic fluid, rodent poison, and garden chemicals,
- several motors bearing petroleum products at compressors, mechanical piping, and within ductwork,
- numerous fire extinguishers,
- batteries in emergency lighting, alarm system, and fire control system,
- compressors and piping with suspect ozone depleting substances (CFC's) in several refrigerators, wall/ceiling/window mounted air conditioning units, and rooftop air handling units.
- numerous smoke detectors with a radioactive component within, and
- a few areas with visible mould on gypsum board, wood, and other building materials, and
- piping containing natural gas leading to heating equipment.

4.6 SILICA

All concrete, cement, brick, ceramic tile, gypsum board, stucco, grout, mortar, and any other cementitious building materials located at the subject buildings are suspected of containing silica in crystalline and non-crystalline forms.

4.7 GYPSUM BOARD

The visual inspection and/or laboratory analytical results determined the following at the subject buildings:

- there is gypsum board with non-asbestos filling compound located throughout the Care Centre, and
- there are suspended gypsum board ceiling tiles located in the Care Centre Parking Garage.

5.0 RECOMMENDATIONS

5.1 ASBESTOS CONTAINING MATERIALS

Prior to demolition of a building, the asbestos containing materials (or assumed asbestos containing materials) must first be removed and disposed of as asbestos waste by a qualified hazardous materials abatement contractor in accordance with the WCB Occupational Health and Safety Regulation. Disposal of asbestos containing materials must be performed in accordance with the BC Ministry of Environment and Climate Change Strategy - *Environmental Management Act* - Hazardous Waste Regulation.

5.2 LEAD

Paints/Primers

Where lead (or potential lead) based paints and/or primers are affected by a project, the work must be performed by a qualified contractor in accordance with the WCB Occupational Health and Safety Regulation and their 2020 publication entitled Safe Work Practices For Handling Lead.

Where the base substrate material is to be removed in conjunction with lead paint removal, the base substrate and lead based paints and/or primers should be removed intact by the contractor, in accordance with the contractor's risk assessment and site specific work procedures. The workers conducting the work and workers in close proximity to the work being performed, should be protected with personal protective equipment as determined by the contractor's risk assessment and site specific work procedures.

Lead containing paints which remain attached to wood and/or other building materials must be labelled as lead based paints (LBP) for transporting to a licensed/approved disposal site or recycling facility. A licensed/approved facility receiving the waste must be informed of the lead content of these materials and be agreeable to receiving these materials. Prior to acceptance of waste with lead paints at a licensed/approved disposal facility, the contractor generating the waste must ensure that all waste materials containing LBP's are sampled intact, fastened directly to the base substrate, and representative of the waste stream created by demolition. Astech has submitted eighteen (18) samples for analysis utilizing a Toxicity Characteristic Leachate Procedure for lead (TCLP lead) test to determine the potential for soil and/or groundwater contamination. The contractor shall have any additional samples analyzed utilizing a TCLP lead test to determine the potential for soil and/or groundwater contamination, if deemed necessary by the site receiving the waste.

If the lead paints are to be separated or removed from the building materials by means of sanding, scraping, abrading, blasting, etc., more stringent work procedures would apply. The removed lead paints, depending on lead concentrations and leachate results, may become a Hazardous Waste and therefore must be disposed of in accordance with the BC Ministry of Environment and Climate Change Strategy - *Environmental Management Act* - Hazardous Waste Regulation.

Glazing Finishes

Where ceramic tiles with lead (or potential lead) glazing finishes are to be removed, the ceramic tile and glazing finish should be removed intact. The workers conducting the work and workers in close proximity to the work being performed, should be protected with personal protective equipment as determined by the removal contractor's risk assessment and site specific work procedures. Ceramic tiles and glazing finishes that are removed intact may be disposed of as normal construction waste.

If the lead glazing finishes are to be separated or removed from the ceramic tiles by means of sanding, scraping, abrading, blasting, etc., more stringent work procedures by a qualified abatement contractor would apply in order to satisfy the WCB Occupational Health and Safety Regulation and their 2020 publication entitled Safe Work Practices For Handling Lead.

Lead Construction Materials

Prior to demolition of a building, the lead roof jacks must first be removed, and be recycled or disposed of in accordance with the BC Ministry of Environment and Climate Change Strategy - *Environmental Management Act* - Hazardous Waste Regulation.

5.3 PCB CONTAINING BALLASTS AND CAPACITORS

It is recommended that the identification of PCB ballasts/capacitors be performed by qualified personnel prior to or in conjunction with the demolition of a building, at a time when it becomes feasible to isolate electrical power and disassemble/disconnect the light fixtures. The ballasts/capacitors that are identified as PCB containing must be removed in accordance with the WCB Occupational Health and Safety Regulation and disposed of in accordance with the BC Ministry of Environment and Climate Change Strategy - *Environmental Management Act* - Hazardous Waste Regulation.

5.4 MERCURY

Prior to demolition of a building, the mercury containing thermostats and light tubes/bulbs must first be removed, and be salvaged, recycled or disposed of, in accordance with the BC Ministry of Environment and Climate Change Strategy - *Environmental Management Act* - Hazardous Waste Regulation.

5.5 STORED CHEMICALS AND OTHER HAZARDOUS MATERIALS

Stored Chemicals

Prior to demolition of a building, stored chemicals, ozone depleting substances within refrigeration equipment, and radioactive equipment must first be removed, and be recycled or disposed of, in accordance with the BC Ministry of Environment and Climate Change Strategy - *Environmental Management Act* - Hazardous Waste Regulation.

Rodent Droppings

Rodent droppings which can cause infectious disease and/or respiratory disease in humans should be removed as biohazardous waste by a qualified abatement contractor in accordance with the WCB Occupational Health and Safety Regulation, prior to unprotected trades performing work in or conducting selective demolition of a building. In lieu of removing droppings, workers shall wear respirators and protective clothing while in contaminated areas of a building, and while conducting selective demolition of a building.

Mould

The differing types of moulds and/or fungi which can cause infectious disease and/or respiratory disease in humans should be removed as biohazardous waste by a qualified abatement contractor in accordance with the WCB Occupational Health and Safety Regulation, prior to unprotected trades performing work in affected areas of a building. In lieu of removing moulds and fungi, workers shall wear respirators and protective clothing while in contaminated areas of a building.

Prior to the demolition of a building, mould which remains attached to building materials such as wood, metal and concrete may be disposed of in a manner applicable to normal demolition waste. Workers conducting selective demolition of a building shall wear respirators and protective clothing while in contaminated areas of a building.

Natural Gas

The natural gas must be shut off and purged by Fortis BC or a qualified trades person prior to work that would affect the gas, and prior to building demolition.

5.6 SILICA

Where cementitious building materials that are suspected of containing silica in crystalline form are directly impacted by the project (i.e. drilling, cutting, abrading, etc.), the work should be performed in a controlled manner to avoid the release of crystalline silica dust. Cutting, drilling, or otherwise disturbing these building

materials must be performed by a qualified contractor's trained personnel in accordance with the WCB Occupational Health and Safety Regulation.

5.7 RECYCLABLE GYPSUM BOARD

Once decontaminated (where applicable), and prior to the demolition of a building, the gypsum board with no asbestos finishes (a provincially regulated construction waste) must first be removed by a qualified contractor, and be recycled or disposed of in accordance with the BC Ministry of Environment and Climate Change Strategy - *Environmental Management Act* - Hazardous Waste Regulation. Landfills are issued operational certificates from the BC Ministry of Environment, and for local landfills and others their certificate specifies that gypsum board cannot be accepted for disposal, and therefore local depots offer recycling services.

6.0 OWNER'S AND ABATEMENT CONTRACTOR'S RESPONSIBILITIES

Owner's Responsibilities

For the remediation of hazardous building materials, contract specifications, quality control, and final acceptance of the work remain the responsibility of the Owner. In order to ensure that the Owner has acted in a responsible manner, and to ensure regulatory board compliance, it is recommended that the work and project air monitoring be performed by a qualified and properly insured (with proof of necessary asbestos inclusion rider) Hazardous Materials Abatement Contractor.

Abatement Contractor's Responsibilities

The Abatement Contractor upon completing the work shall have their "Qualified Person" inspect the worksite in its entirety to confirm that asbestos and other hazardous building materials have been properly removed, then promptly provide the Owner with a signed Letter of Completion.

As well, prior to transport of hazardous waste, the Abatement Contractor shall assist the Owner by completing and submitting the BC Ministry of Environment and Climate Change Strategy Waste Generator Number Registration Form (Schedule 5 Form 1), once signed by the Owner, if no BC Generator number exists. If a BC Generator number exists and requires updating for this specific project, the Abatement Contractor shall assist with completing and submitting the update.

Project Documentation should also be provided to the Owner including, but not necessarily limited to, a Notice of Project for work involving Asbestos and/or Lead Paint, Risk Assessment, Exposure Control Plan, and Site Specific Work Procedures, Worker Respirator Fit Test Forms/Logs and Training Acknowledgement Forms, Certification of DOP Testing of HEPA Filtered Equipment used on site, Air Sample Results, Material Safety Data Sheets (MSDS) for products used on site, Transportation Waybills, and Waste Manifest Forms.

7.0 APPROXIMATE QUANTITIES FOR HAZARDOUS MATERIALS

The following approximate quantities for hazardous materials are provided as a means to satisfy the requirements of the WCB, and are provided for reference only. Contractors shall be responsible for verifying exact quantities for the purpose of bidding the work.

ASBESTOS CONTAINING MATERIALS	APPROXIMATE QUANTITIES
Confirmed Asbestos Containing Materials	
Asbestos Paper Backed Sheet Flooring, Paper Residue, and Contaminated Building Materials (including necessary prior removal of cabinets, fixtures, newer partition walls, etc, work area enclosure systems, worker decontamination facilities, and air monitoring by abatement contractor)	27,320 square feet
Asbestos Firestop Putty at Electrical Conduit/Cable Wall Penetrations and Contaminated Building Materials	few locations
Asbestos Caulking at Overlap Joints of Sloped Metal Wall Cladding and Contaminated Building Materials	5,730 square feet
Asbestos Caulking at Joints of Metal Rain Water Leaders and Contaminated Building Materials	30 lineal feet
Asbestos Caulking at Joints of Metal Perimeter Flashings and Contaminated Building Materials	830 lineal feet
Asbestos Caulking on Lead Roof Jacks with AHU Electrical Cables/Associated Piping and Contaminated Building Materials	2 locations
Asbestos Pipe Thread Compound at Fittings of Sprinkler Piping	1,950 fittings
Asbestos Mastics at Joints of Ductwork and Contaminated Building Materials	1,300 lineal feet
Asbestos Mastics Within Supply Air Ductwork and Plenums and Contaminated Building Materials	140 square feet
Asbestos Textile Expansion Joints on Ductwork and Contaminated Building Materials	few locations
Asbestos Insulating Cement at Through Hole Wall and Ceiling Pipe Penetrations	60 locations
Asbestos Sealant in Windows of Interior Wood and Metal Doors	33 doors
Asbestos Sealant in Interior Metal-Framed Windows	33 windows
Asbestos Sealants in Windows of Exterior Metal Doors and Metal-Framed Sliding Glass Doors	6 doors
Asbestos Sealant in Exterior Metal-Framed Windows	106 windows
Asbestos Caulking around Exterior Metal-Framed Doors and Windows and Contaminated Building Materials	14 doors 106 windows
Asbestos Coating on Underside of Metal Sinks	7 sinks
Assumed Asbestos Containing Materials	
Assumed Asbestos Paper Insulation Lining Interior of Metal Exhaust Vents to Rooftop	3 vents
Assumed Asbestos Parging and Refractory Brick in Boiler	1 boiler
Assumed Asbestos Flange Gaskets and Valve Packings on Mechanical Piping Systems	30 locations
Assumed Asbestos Composite Insulation within Exterior/Interior Metal and Wood Doors	116 doors
Assumed Asbestos Damp Proofing on Foundation Walls Concealed Below Grade	Not Determined
Assumed Asbestos Cement Piping Concealed Below Grade	Not Determined
OTHER HAZARDOUS MATERIALS	
Non-Leachable Lead Paint Remaining Attached to Building Materials for Recycle/Disposal	Not Determined
Lead Products for Recycle (lead roof vents and caps)	14 roof jacks
Potential PCB Containing Ballasts/Capacitors	513 fixtures
Mercury Containing Thermostats	87 thermostats
Mercury Containing Light Tubes/Bulbs	1,426 tubes/bulbs

We hope you have found the above information useful. If you have any questions, or require clarification please contact this office.

A handwritten signature in black ink, enclosed within a hand-drawn oval. The signature appears to be 'Scott Price'.

Scott Price, Principal
Astech Consultants Ltd.
Ref: 23865HE01R1C.SP



ASBESTOS BULK SAMPLE REPORT

Date: February 16, 2021

Client: **CITY OF COQUITLAM**
c/o Turnbull Construction Project Managers Ltd.

Location: **Burquitlam Lions Care Centre Building**
560 Sydney Avenue
Coquitlam, BC

Comments:

- 1) Asbestos (bulk) by PLM analyzed as per NIOSH 9002 Issue 2.
- 2) Workers' Compensation Board of British Columbia (WCB) defines asbestos containing material as 0.5% or more asbestos, with the exception of Vermiculite Insulation which is defined as "any asbestos".
- 3) Samples will be disposed of after 90 days, unless the Client requests otherwise.

Sample(s) Collected on January 29, 2021

Sample	Location	Description	Layer: Colour	Non-Asbestos	Asbestos
				% Type	% Type
23865 BS01	Care Centre - Second Floor - Bath Area	Ceramic Floor Tile Grout	1: Brown	100% Non-Fibrous	None Detected
23865 BS02	Care Centre - Second Floor - Bath Area	Ceramic Floor Tile Mortar	2: Grey	100% Non-Fibrous	None Detected
23865 BS03	Care Centre - Second Floor - Bath Area	Ceramic Floor Tile Mortar	2: Grey	100% Non-Fibrous	None Detected
23865 BS04	Care Centre - Second Floor - Bath Area	Ceramic Floor Tile Mortar	2: Grey	100% Non-Fibrous	None Detected
23865 BS05	Care Centre - Second Floor - Centre Storage Room (within Bath Area)	Ceramic Floor Tile Grout	1: Grey	100% Non-Fibrous	None Detected
23865 BS06	Care Centre - Second Floor - Centre Storage Room (within Bath Area)	Ceramic Floor Tile Mortar	2: Grey	100% Non-Fibrous	None Detected
23865 BS07	Care Centre - Second Floor - Northwest Garden Room	Giant Brick Mortar (South Wall)	1: Grey	100% Non-Fibrous	None Detected
23865 BS08	Care Centre - Second Floor - Northwest Garden Room	Giant Brick Mortar (South Wall)	1: Grey	100% Non-Fibrous	None Detected

Sample	Location	Description	Layer: Colour	Non-Asbestos	Asbestos
				% Type	% Type
23865 BS09	Care Centre - Second Floor - Northwest Garden Room	Giant Brick Mortar (South Wall)	1: Grey	100% Non-Fibrous	None Detected
23865 BS10	Care Centre - Third Floor - Bath Area	Ceramic Floor Tile Grout	1: Grey	100% Non-Fibrous	None Detected
23865 BS11	Care Centre - Third Floor - Bath Area	Ceramic Floor Tile Mortar	2: Grey	100% Non-Fibrous	None Detected
23865 BS12	Care Centre - Third Floor - Bath Area	Ceramic Floor Tile Mortar	2: Grey	100% Non-Fibrous	None Detected
23865 BS13	Care Centre - Third Floor - Bath Area	Ceramic Floor Tile Mortar	2: Grey	100% Non-Fibrous	None Detected
23865 BS14	Care Centre - Third Floor - Bath Area	Ceramic Wall Tile Grout (West Wall)	1: White	100% Non-Fibrous	None Detected
23865 BS15	Care Centre - Third Floor - Bath Area	Ceramic Wall Tile Adhesive (West Wall)	2: Beige	100% Non-Fibrous	None Detected
23865 BS16a	Care Centre - Third Floor - Dietician's Office	Sheet Flooring Wear Surface	1: Brown	100% Non-Fibrous	None Detected
		Foam Backing	2: White	20% Glass 80% Non-Fibrous	None Detected
23865 BS16b	Care Centre - Third Floor - Dietician's Office	Flooring Adhesive	3: Brown	100% Non-Fibrous	None Detected
23865 BS17	Care Centre - Third Floor - Dietician's Office	Sheet Flooring Wear Surface	4: Grey	100% Non-Fibrous	None Detected
		Paper Backing	5: Grey	20% Glass 45% Cellulose 35% Non-Fibrous	None Detected
23865 BS18	Care Centre - Third Floor - Northwest Sunshine Room	Giant Brick Mortar (South Wall)	1: Grey	100% Non-Fibrous	None Detected
23865 BS19	Care Centre - Third Floor - Northwest Sunshine Room	Giant Brick Mortar (South Wall)	1: Grey	100% Non-Fibrous	None Detected
23865 BS20	Care Centre - Third Floor - Northwest Sunshine Room	Giant Brick Mortar (South Wall)	1: Grey	100% Non-Fibrous	None Detected
23865 BS21	Care Centre - Parking Level - Parking Garage	Smoother Stucco (North Wall)	1: Grey	100% Non-Fibrous	None Detected
23865 BS22	Care Centre - Parking Level - Parking Garage	Wall Construction Paper (North Wall)	2: Brown & Beige	98% Cellulose 2% Non-Fibrous	None Detected
23865 BS23	Care Centre - Parking Level - Parking Garage	Smooth Stucco (West Wall)	1: Grey	100% Non-Fibrous	None Detected
23865 BS24	Care Centre - Parking Level - Parking Garage	Concrete Block Mortar (East Wall)	1: Grey	100% Non-Fibrous	None Detected
23865 BS25	Care Centre - Parking Level - Parking Garage	Concrete Block Mortar (West Wall)	1: Grey	100% Non-Fibrous	None Detected

Sample	Location	Description	Layer: Colour	Non-Asbestos	Asbestos
				% Type	% Type
23865 BS26	Care Centre - Parking Level - Parking Garage	Smooth Stucco (Southeast Wall)	1: Grey	100% Non-Fibrous	None Detected
23865 BS27	Care Centre - Parking Level - Parking Garage	Concrete Block Mortar (Southeast Wall)	1: Black	98% Cellulose 2% Non-Fibrous	None Detected
23865 BS28	Care Centre - Parking Level - Parking Garage	Smooth Stucco (South Wall)	1: Grey	100% Non-Fibrous	None Detected
23865 BS29	Care Centre - Parking Level - Parking Garage	Smooth Stucco (West Wall)	1: Grey	100% Non-Fibrous	None Detected
23865 BS30	Care Centre - Parking Level - North Locker Room	Ceramic Floor Tile Grout	1: Grey	100% Non-Fibrous	None Detected
23865 BS31	Care Centre - Parking Level - North Locker Room	Ceramic Floor Tile Mortar	2: Grey	100% Non-Fibrous	None Detected
23865 BS32	Care Centre - Parking Level - North Locker Room	Ceramic Floor Tile Mortar	2: Grey	100% Non-Fibrous	None Detected
23865 BS33	Care Centre - Parking Level - North Locker Room	Ceramic Wall Tile Grout (North Wall)	1: Brown	100% Non-Fibrous	None Detected
23865 BS34	Care Centre - Parking Level - North Locker Room	Ceramic Wall Tile Mortar (North Wall)	2: Grey	100% Non-Fibrous	None Detected
23865 BS35	Care Centre - Parking Level - North Locker Room	Ceramic Wall Tile Mortar (North Wall)	2: Grey	100% Non-Fibrous	None Detected
23865 BS36	Care Centre - Parking Level - West Locker Room	Ceramic Floor Tile Mortar	1: Grey	100% Non-Fibrous	None Detected
23865 BS37	Care Centre - Parking Level - West Locker Room	Ceramic Floor Tile Mortar	1: Grey	100% Non-Fibrous	None Detected
23865 BS38	Care Centre - Parking Level - West Locker Room	Ceramic Wall Tile Grout (North Wall)	1: Brown	100% Non-Fibrous	None Detected
23865 BS39	Care Centre - Parking Level - West Locker Room	Ceramic Wall Tile Mortar (North Wall)	2: Grey	100% Non-Fibrous	None Detected
23865 BS40	Care Centre - Parking Level - Elevator Lobby	Concrete Block Mortar (West Wall)	1: Grey	100% Non-Fibrous	None Detected
23865 BS41	Care Centre - Ground Floor - Centre Men's Washroom	Ceramic Wall Tile Grout (South Wall)	1: Brown	100% Non-Fibrous	None Detected
23865 BS42	Care Centre - Ground Floor - Centre Men's Washroom	Ceramic Wall Tile Adhesive (South Wall)	2: Beige	100% Non-Fibrous	None Detected
23865 BS43	Care Centre - Ground Floor - Centre Women's Washroom	Ceramic Wall Tile Grout (South Wall)	1: Beige	100% Non-Fibrous	None Detected

Sample	Location	Description	Layer: Colour	Non-Asbestos	Asbestos
				% Type	% Type
23865 BS44	Care Centre - Ground Floor - Southwest Kitchen	Ceramic Floor Tile Grout	1: Brown	100% Non-Fibrous	None Detected
23865 BS45	Care Centre - Ground Floor - Southwest Kitchen	Ceramic Floor Tile Mortar	1: Grey	100% Non-Fibrous	None Detected
23865 BS46	Care Centre - Ground Floor - Southwest Kitchen	Ceramic Floor Tile Mortar	1: Grey	100% Non-Fibrous	None Detected
23865 BS47	Care Centre - Ground Floor - Southwest Kitchen	Ceramic Floor Tile Mortar	1: Grey	100% Non-Fibrous	None Detected
23865 BS48	Care Centre - Ground Floor - West Solarium	Ceramic Floor Tile Grout	1: Brown	100% Non-Fibrous	None Detected
23865 BS49	Care Centre - Ground Floor - West Solarium	Ceramic Floor Tile Mortar	1: Grey	100% Non-Fibrous	None Detected
23865 BS50	Care Centre - Ground Floor - West Solarium	Ceramic Floor Tile Mortar	1: Grey	100% Non-Fibrous	None Detected
23865 BS51	Care Centre - Ground Floor - West Solarium	Ceramic Floor Tile Mortar	1: Grey	100% Non-Fibrous	None Detected
23865 BS52	Care Centre - Ground Floor - Southwest Kitchen	Giant Brick Mortar (North Wall)	1: Grey	100% Non-Fibrous	None Detected

Analyst(s): Lillian Fan, Jessica Young

Sample(s) Collected on February 2, 2021

Sample	Location	Description	Layer: Colour	Non-Asbestos	Asbestos
				% Type	% Type
23865 BS53	Care Centre - Second Floor - Bath Area	Ceramic Wall Tile Grout (West Wall)	1: Beige	100% Non-Fibrous	None Detected
23865 BS54	Care Centre - Second Floor - Bath Area	Ceramic Wall Tile Mortar (West Wall)	2: Grey	100% Non-Fibrous	None Detected
23865 BS55	Care Centre - Second Floor - Bath Area	Ceramic Wall Tile Mortar (West Wall)	2: Grey	100% Non-Fibrous	None Detected
23865 BS56	Care Centre - Second Floor - Bath Area	Ceramic Wall Tile Mortar (West Wall)	2: Grey	100% Non-Fibrous	None Detected
23865 BS57	Care Centre - Second Floor - Bath Area	Wall Construction Paper	3: Dark Brown	98% Cellulose 2% Non-Fibrous	None Detected
23865 BS58	Care Centre - Ground Floor - West Lounge	Stone Grout (at Fireplace Hearth)	1: Beige	100% Non-Fibrous	None Detected
23865 BS59	Care Centre - Ground Floor - West Lounge	Stone Mortar (at Fireplace Hearth)	2: Grey	100% Non-Fibrous	None Detected
23865 BS60	Care Centre - Ground Floor - West Lounge	Stone Mortar (at Fireplace Hearth)	2: Grey	100% Non-Fibrous	None Detected

Sample	Location	Description	Layer: Colour	Non-Asbestos	Asbestos
				% Type	% Type
23865 BS61	Care Centre - Ground Floor - West Lounge	Stone Mortar (at Fireplace Hearth)	2: Grey	100% Non-Fibrous	None Detected
23865 BS62	Care Centre - Ground Floor - Southwest Kitchen	Giant Brick Mortar (on East Wall)	1: Grey	100% Non-Fibrous	None Detected
23865 BS63	Care Centre - Ground Floor - North Corridor	Vinyl Sheet Flooring	1: Brown	20% Glass 80% Non-Fibrous	None Detected
23865 BS64	Care Centre - Ground Floor - North Corridor	Sheet Flooring Wear Surface	2: Beige	100% Non-Fibrous	None Detected
		Paper Backing	3: Grey	10% Cellulose 20% Non-Fibrous	70% Chrysotile

Analyst(s): Lillian Fan, Jessica Young

Sample(s) Collected on February 5, 2021

Sample	Location	Description	Layer: Colour	Non-Asbestos	Asbestos
				% Type	% Type
23865 BS65	Care Centre - Exterior - Main Rooftop (North Section)	Caulking (at Joint of Metal Perimeter Flashing)	1: Silver	99% Non-Fibrous	1% Chrysotile
23865 BS66	Care Centre - Exterior - Mechanical Penthouse (West Wall)	Caulking (on Metal Wall Flashing) (Two Types)	1: Grey & Dark Grey	100% Non-Fibrous	None Detected
23865 BS67	Care Centre - Exterior - Main Rooftop (Northwest Section)	Mastic (at Joint of Ductwork)	1: Grey	100% Non-Fibrous	None Detected
23865 BS68	Care Centre - Exterior - Main Rooftop (Northwest Section)	Mastic (at Joint of Ductwork)	1: Grey	100% Non-Fibrous	None Detected
23865 BS69	Care Centre - Exterior - Main Rooftop (Northwest Section)	Mastic (at Joint of Ductwork)	1: Grey	100% Non-Fibrous	None Detected
23865 BS70a	Care Centre - Exterior - Main Rooftop (West Section)	Caulking (at Joint of Metal Perimeter Flashing)	1: Silver	100% Non-Fibrous	None Detected
23865 BS70b	Care Centre - Exterior - Main Rooftop (West Section)	Caulking (at Joint of Metal Perimeter Flashing)	2: Grey	100% Non-Fibrous	None Detected
23865 BS71	Care Centre - Exterior - Main Rooftop (South Section)	Caulking (at Joint of Metal Perimeter Flashing)	1: White	100% Non-Fibrous	None Detected
23865 BS72a	Care Centre - Exterior - Main Rooftop (South Section)	Roofing Mastic (on South Elevator Shaft Wall)	1: Black	100% Non-Fibrous	None Detected
23865 BS73a	Care Centre - Exterior - Main Rooftop (South Section)	Roofing Felt (on South Elevator Shaft Wall)	2: Black	55% Glass 45% Non-Fibrous	None Detected

Sample	Location	Description	Layer:	Colour	Non-Asbestos	Asbestos
					% Type	% Type
23865 BS73b	Care Centre - Exterior - Main Rooftop (South Section)	Roofing Mastic (on South Elevator Shaft Wall)	3:	Black	100% Non-Fibrous	None Detected
23865 BS73c	Care Centre - Exterior - Main Rooftop (South Section)	Roofing Felt (on South Elevator Shaft Wall)	4:	Black	55% Glass 45% Non-Fibrous	None Detected
23865 BS73d	Care Centre - Exterior - Main Rooftop (South Section)	Roofing Mastic (on South Elevator Shaft Wall)	5:	Black	100% Non-Fibrous	None Detected
23865 BS74	Care Centre - Exterior - Main Rooftop (Northwest Section)	Roofing Membrane (on Parapet Wall)	1:	Brown	65% Synthetic 35% Non-Fibrous	None Detected
23865 BS75	Care Centre - Exterior - Main Rooftop (Northwest Section)	Roofing Mastic (on Parapet Wall)	2:	Black	2% Glass 98% Non-Fibrous	None Detected
23865 BS76a	Care Centre - Exterior - Main Rooftop (Northwest Section)	Roofing Felt (on Parapet Wall)	3:	Black	65% Synthetic 35% Non-Fibrous	None Detected
23865 BS76b	Care Centre - Exterior - Main Rooftop (Northwest Section)	Roofing Membrane (on Parapet Wall)	4:	Black	1% Glass 99% Non-Fibrous	None Detected
23865 BS77	Care Centre - Exterior - Main Rooftop (North Section)	Roofing Mastic (beneath Gravel and Foam)	1:	Black	1% Glass 99% Non-Fibrous	None Detected
23865 BS78a	Care Centre - Exterior - Main Rooftop (North Section)	Roofing Felt	2:	Black	65% Cellulose 35% Non-Fibrous	None Detected
23865 BS78b	Care Centre - Exterior - Main Rooftop (North Section)	Roofing Mastic	3:	Black	100% Non-Fibrous	None Detected
23865 BS78c	Care Centre - Exterior - Main Rooftop (North Section)	Roofing Felt	4:	Black	65% Cellulose 35% Non-Fibrous	None Detected
23865 BS78d	Care Centre - Exterior - Main Rooftop (North Section)	Roofing Mastic	5:	Black	100% Non-Fibrous	None Detected
23865 BS78e	Care Centre - Exterior - Main Rooftop (North Section)	Roofing Felt	6:	Black	65% Cellulose 35% Non-Fibrous	None Detected
23865 BS78f	Care Centre - Exterior - Main Rooftop (North Section)	Roofing Mastic	7:	Black	100% Non-Fibrous	None Detected
23865 BS78g	Care Centre - Exterior - Main Rooftop (North Section)	Roofing Felt	8:	Black	65% Cellulose 35% Non-Fibrous	None Detected
23865 BS78h	Care Centre - Exterior - Main Rooftop (North Section)	Roofing Mastic	9:	Black	100% Non-Fibrous	None Detected

Sample	Location	Description	Layer: Colour	Non-Asbestos		Asbestos	
				%	Type	%	Type
23865 BS78i	Care Centre - Exterior - Main Rooftop (North Section)	Roofing Felt	10: Black	65%	Cellulose	None Detected	
				35%	Non-Fibrous		
23865 BS78j	Care Centre - Exterior - Main Rooftop (North Section)	Roofing Mastic	11: Black	100%	Non-Fibrous	None Detected	
23865 BS78k	Care Centre - Exterior - Main Rooftop (North Section)	Roofing Felt	12: Black	65%	Cellulose	None Detected	
				35%	Non-Fibrous		
23865 BS78l	Care Centre - Exterior - Main Rooftop (North Section)	Roofing Mastic	13: Black	100%	Non-Fibrous	None Detected	
23865 BS79	Care Centre - Exterior - Main Rooftop (South Section)	Roofing Mastic (beneath Gravel and Foam)	1: Black	1%	Glass	None Detected	
				99%	Non-Fibrous		
23865 BS80a	Care Centre - Exterior - Main Rooftop (South Section)	Roofing Felt	2: Black	65%	Cellulose	None Detected	
				35%	Non-Fibrous		
23865 BS80b	Care Centre - Exterior - Main Rooftop (South Section)	Roofing Mastic	3: Black	100%	Non-Fibrous	None Detected	
23865 BS80c	Care Centre - Exterior - Main Rooftop (South Section)	Roofing Felt	4: Black	65%	Cellulose	None Detected	
				35%	Non-Fibrous		
23865 BS80d	Care Centre - Exterior - Main Rooftop (South Section)	Roofing Mastic	5: Black	100%	Non-Fibrous	None Detected	
23865 BS80e	Care Centre - Exterior - Main Rooftop (South Section)	Roofing Felt	6: Black	65%	Cellulose	None Detected	
				35%	Non-Fibrous		
23865 BS80f	Care Centre - Exterior - Main Rooftop (South Section)	Roofing Mastic	7: Black	100%	Non-Fibrous	None Detected	
23865 BS80g	Care Centre - Exterior - Main Rooftop (South Section)	Roofing Felt	8: Black	65%	Cellulose	None Detected	
				35%	Non-Fibrous		
23865 BS80h	Care Centre - Exterior - Main Rooftop (South Section)	Roofing Mastic	9: Black	100%	Non-Fibrous	None Detected	
23865 BS80i	Care Centre - Exterior - Main Rooftop (South Section)	Roofing Felt	10: Black	65%	Cellulose	None Detected	
				35%	Non-Fibrous		
23865 BS80j	Care Centre - Exterior - Main Rooftop (South Section)	Roofing Mastic	11: Black	100%	Non-Fibrous	None Detected	
23865 BS80k	Care Centre - Exterior - Main Rooftop (South Section)	Roofing Felt	12: Black	65%	Cellulose	None Detected	
				35%	Non-Fibrous		

Sample	Location	Description	Layer:	Colour	Non-Asbestos	Asbestos
					% Type	% Type
23865 BS80l	Care Centre - Exterior - Main Rooftop (South Section)	Roofing Mastic	13:	Black	100% Non-Fibrous	None Detected
23865 BS81	Care Centre - Exterior - Main Rooftop (West Section)	Roofing Mastic (beneath Gravel and Foam)	1:	Black	1% Glass 99% Non-Fibrous	None Detected
23865 BS82a	Care Centre - Exterior - Main Rooftop (West Section)	Roofing Felt	2:	Black	65% Cellulose 35% Non-Fibrous	None Detected
23865 BS82b	Care Centre - Exterior - Main Rooftop (West Section)	Roofing Mastic	3:	Black	100% Non-Fibrous	None Detected
23865 BS82c	Care Centre - Exterior - Main Rooftop (West Section)	Roofing Felt	4:	Black	65% Cellulose 35% Non-Fibrous	None Detected
23865 BS82d	Care Centre - Exterior - Main Rooftop (West Section)	Roofing Mastic	5:	Black	100% Non-Fibrous	None Detected
23865 BS82e	Care Centre - Exterior - Main Rooftop (West Section)	Roofing Felt	6:	Black	65% Cellulose 35% Non-Fibrous	None Detected
23865 BS82f	Care Centre - Exterior - Main Rooftop (West Section)	Roofing Mastic	7:	Black	100% Non-Fibrous	None Detected
23865 BS82g	Care Centre - Exterior - Main Rooftop (West Section)	Roofing Felt	8:	Black	65% Cellulose 35% Non-Fibrous	None Detected
23865 BS82h	Care Centre - Exterior - Main Rooftop (West Section)	Roofing Mastic	9:	Black	100% Non-Fibrous	None Detected
23865 BS82i	Care Centre - Exterior - Main Rooftop (West Section)	Roofing Felt	10:	Black	65% Cellulose 35% Non-Fibrous	None Detected
23865 BS82j	Care Centre - Exterior - Main Rooftop (West Section)	Roofing Mastic	11:	Black	100% Non-Fibrous	None Detected
23865 BS82k	Care Centre - Exterior - Main Rooftop (West Section)	Roofing Felt	12:	Black	65% Cellulose 35% Non-Fibrous	None Detected
23865 BS82l	Care Centre - Exterior - Main Rooftop (West Section)	Roofing Mastic	13:	Black	100% Non-Fibrous	None Detected
23865 BS83	Care Centre - Exterior - Main Rooftop (Northwest Section)	Roofing Mastic (beneath Gravel and Foam)	1:	Black	1% Glass 99% Non-Fibrous	None Detected
23865 BS84a	Care Centre - Exterior - Main Rooftop (Northwest Section)	Roofing Felt	2:	Black	65% Cellulose 35% Non-Fibrous	None Detected

Sample	Location	Description	Layer:	Colour	Non-Asbestos	Asbestos
					% Type	% Type
23865 BS84b	Care Centre - Exterior - Main Rooftop (Northwest Section)	Roofing Mastic	3:	Black	100% Non-Fibrous	None Detected
23865 BS84c	Care Centre - Exterior - Main Rooftop (Northwest Section)	Roofing Felt	4:	Black	65% Cellulose 35% Non-Fibrous	None Detected
23865 BS84d	Care Centre - Exterior - Main Rooftop (Northwest Section)	Roofing Mastic	5:	Black	100% Non-Fibrous	None Detected
23865 BS84e	Care Centre - Exterior - Main Rooftop (Northwest Section)	Roofing Felt	6:	Black	65% Cellulose 35% Non-Fibrous	None Detected
23865 BS84f	Care Centre - Exterior - Main Rooftop (Northwest Section)	Roofing Mastic	7:	Black	100% Non-Fibrous	None Detected
23865 BS84g	Care Centre - Exterior - Main Rooftop (Northwest Section)	Roofing Felt	8:	Black	65% Cellulose 35% Non-Fibrous	None Detected
23865 BS84h	Care Centre - Exterior - Main Rooftop (Northwest Section)	Roofing Mastic	9:	Black	100% Non-Fibrous	None Detected
23865 BS84i	Care Centre - Exterior - Main Rooftop (Northwest Section)	Roofing Felt	10:	Black	65% Cellulose 35% Non-Fibrous	None Detected
23865 BS84j	Care Centre - Exterior - Main Rooftop (Northwest Section)	Roofing Mastic	11:	Black	100% Non-Fibrous	None Detected
23865 BS84k	Care Centre - Exterior - Main Rooftop (Northwest Section)	Roofing Felt	12:	Black	65% Cellulose 35% Non-Fibrous	None Detected
23865 BS84l	Care Centre - Exterior - Main Rooftop (Northwest Section)	Roofing Mastic	13:	Black	100% Non-Fibrous	None Detected
23865 BS85a	Care Centre - Exterior - Mechanical Penthouse Rooftop	Roofing Mastic (beneath Gravel and Foam)	1:	Black	100% Non-Fibrous	None Detected
23865 BS85b	Care Centre - Exterior - Mechanical Penthouse Rooftop	Roofing Felt	2:	Black	65% Cellulose 35% Non-Fibrous	None Detected
23865 BS85c	Care Centre - Exterior - Mechanical Penthouse Rooftop	Roofing Mastic	3:	Black	100% Non-Fibrous	None Detected
23865 BS85d	Care Centre - Exterior - Mechanical Penthouse Rooftop	Roofing Felt	4:	Black	65% Cellulose 35% Non-Fibrous	None Detected
23865 BS85e	Care Centre - Exterior - Mechanical Penthouse Rooftop	Roofing Mastic	5:	Black	100% Non-Fibrous	None Detected

Sample	Location	Description	Layer:	Colour	Non-Asbestos	Asbestos
					% Type	% Type
23865 BS85f	Care Centre - Exterior - Mechanical Penthouse Rooftop	Roofing Felt	6:	Black	65% Cellulose 35% Non-Fibrous	None Detected
23865 BS85g	Care Centre - Exterior - Mechanical Penthouse Rooftop	Roofing Mastic	7:	Black	100% Non-Fibrous	None Detected
23865 BS85h	Care Centre - Exterior - Mechanical Penthouse Rooftop	Roofing Felt	8:	Black	65% Cellulose 35% Non-Fibrous	None Detected
23865 BS85i	Care Centre - Exterior - Mechanical Penthouse Rooftop	Roofing Mastic	9:	Black	100% Non-Fibrous	None Detected
23865 BS85j	Care Centre - Exterior - Mechanical Penthouse Rooftop	Roofing Felt	10:	Black	65% Cellulose 35% Non-Fibrous	None Detected
23865 BS85k	Care Centre - Exterior - Mechanical Penthouse Rooftop	Roofing Mastic	11:	Black	100% Non-Fibrous	None Detected
23865 BS86	Care Centre - Exterior - Mechanical Penthouse Rooftop (North Section)	Caulking (at Joint of Metal Perimeter Flashing)	1:	Brown	2% Glass 99% Non-Fibrous	None Detected
23865 BS87	Care Centre - Exterior - Mechanical Penthouse Rooftop (East Section)	Caulking (at Screw Head of Metal Perimeter Flashing)	1:	Brown	2% Glass 99% Non-Fibrous	None Detected
23865 BS88	Care Centre - Exterior - Mechanical Penthouse (West Wall)	Caulking (at Joint of Metal Rain Water Leader)	1:	Brown	98% Non-Fibrous	2% Chrysotile
23865 BS89	Care Centre - Exterior - Mechanical Penthouse Rooftop (South Section)	Mastic (on Metal Flashing of Metal Exhaust Vent)	1:	Black	2% Glass 99% Non-Fibrous	None Detected
23865 BS90	Care Centre - Exterior - Mechanical Penthouse Rooftop (South Section)	Mastic (on Metal Flashing of Metal Exhaust Vent)	1:	Black	2% Glass 99% Non-Fibrous	None Detected
23865 BS91	Care Centre - Exterior - Mechanical Penthouse Rooftop (South Section)	Mastic (on Metal Flashing of Metal Exhaust Vent)	1:	Black	2% Glass 99% Non-Fibrous	None Detected
23865 BS92	Care Centre - Exterior - Mechanical Penthouse Rooftop (North Section)	Caulking (at Joint of Metal Exhaust Vent)	1:	White	100% Non-Fibrous	None Detected
23865 BS93a	Care Centre - Exterior - South Elevator Shaft Rooftop	Roofing Membrane	1:	Grey	65% Synthetic 35% Non-Fibrous	None Detected
23865 BS93b	Care Centre - Exterior - South Elevator Shaft Rooftop	Roofing Mastic	2:	Black	100% Non-Fibrous	None Detected
23865 BS93c	Care Centre - Exterior - South Elevator Shaft Rooftop	Roofing Felt	3:	Black	65% Glass 35% Non-Fibrous	None Detected

Sample	Location	Description	Layer: Colour	Non-Asbestos		Asbestos
				%	Type	% Type
23865 BS94	Care Centre - Exterior - South Elevator Shaft Rooftop	Caulking (where Rooftop abuts Mechanical Penthouse Wall)	1: Grey	100%	Non-Fibrous	None Detected
23865 BS95a	Care Centre - Exterior - North Elevator Shaft Rooftop	Roofing Membrane	1: Grey	65%	Synthetic	None Detected
				35%	Non-Fibrous	
23865 BS95b	Care Centre - Exterior - North Elevator Shaft Rooftop	Roofing Mastic	2: Black	100%	Non-Fibrous	None Detected
23865 BS96	Care Centre - Exterior - Mechanical Penthouse (West Wall, South Section)	Firestop Putty (at Electrical Conduit Penetration)	1: Grey	95%	Non-Fibrous	5% Chrysotile
23865 BS97	Care Centre - Exterior - Mechanical Penthouse (West Wall, Centre Section)	Caulking Patch (on Wall Stucco)	1: Grey	100%	Non-Fibrous	None Detected
23865 BS98	Care Centre - Second Floor - Bath Area	Insulation (within North Fire Door)	1: Grey	30%	Glass	None Detected
				70%	Non-Fibrous	
23865 BS99	Care Centre - Ground Floor - Centre Janitor's Closet	Insulation (within Fire Door)	1: Grey	30%	Glass	None Detected
				70%	Non-Fibrous	

Analyst(s): Lillian Fan, Jessica Young

Sample(s) Collected on February 8, 2021

Sample	Location	Description	Layer: Colour	Non-Asbestos		Asbestos
				%	Type	% Type
23865 BS100	Care Centre - Exterior (Mechanical Penthouse West Wall)	Rough Stucco	1: Beige	100%	Non-Fibrous	None Detected
23865 BS101	Care Centre - Exterior (Mechanical Penthouse East Wall)	Rough Stucco	1: Beige	100%	Non-Fibrous	None Detected
23865 BS102	Care Centre - Exterior (East Wall)	Rough Stucco	1: Beige	100%	Non-Fibrous	None Detected
23865 BS103	Care Centre - Exterior (East Wall)	Construction Paper	2: Black	98%	Cellulose	None Detected
				2%	Non-Fibrous	
23865 BS104	Care Centre - Exterior (North Wall, East Section)	Smooth Stucco	1: Beige	100%	Non-Fibrous	None Detected
23865 BS105	Care Centre - Exterior (North Wall, West Section)	Smooth Stucco	1: Beige	100%	Non-Fibrous	None Detected
23865 BS106	Care Centre - Exterior (West Wall)	Rough Stucco	1: Beige	100%	Non-Fibrous	None Detected

Sample	Location	Description	Layer: Colour	Non-Asbestos	Asbestos
				% Type	% Type
23865 BS107	Care Centre - Exterior (East Wall, Centre Section)	Rough Stucco	1: Beige	100% Non-Fibrous	None Detected
23865 BS108	Care Centre - Exterior (East Wall, Centre Section)	Construction Paper	2: Black	98% Cellulose 2% Non-Fibrous	None Detected
23865 BS109	Care Centre - Exterior (South Wall)	Smooth Stucco	1: Grey	100% Non-Fibrous	None Detected
23865 BS110	Care Centre - Exterior (South Wall)	Construction Paper	2: Black	98% Cellulose 2% Non-Fibrous	None Detected
23865 BS111	Care Centre - Exterior (West Wall)	Rough Stucco	1: Grey	2% Synthetic 98% Non-Fibrous	None Detected
23865 BS112	Care Centre - Exterior (West Wall)	Rough Stucco	1: Beige	100% Non-Fibrous	None Detected
23865 BS113	Care Centre - Exterior (South Wall)	Smooth Stucco	1: Beige & Grey	100% Non-Fibrous	None Detected
23865 BS114a	Care Centre - Exterior (West Wall)	Smooth Stucco (Outer Layer)	1: White	100% Non-Fibrous	None Detected
23865 BS114b	Care Centre - Exterior (West Wall)	Smooth Stucco (Inner Layer)	2: Grey	100% Non-Fibrous	None Detected
23865 BS115a	Care Centre - Exterior (East Wall, North Section)	Smooth Stucco (Outer Layer)	1: White	100% Non-Fibrous	None Detected
23865 BS115b	Care Centre - Exterior (East Wall, North Section)	Smooth Stucco (Inner Layer)	2: Grey	100% Non-Fibrous	None Detected
23865 BS116a	Care Centre - Exterior (East Wall, South Section)	Smooth Stucco (Outer Layer)	1: White	100% Non-Fibrous	None Detected
23865 BS116b	Care Centre - Exterior (East Wall, South Section)	Smooth Stucco (Inner Layer)	2: Grey	100% Non-Fibrous	None Detected
23865 BS117	Care Centre - Exterior - Lower West Solarium Rooftop	Caulking (at Overlap Joint of Metal Roof Cladding)	1: Grey	100% Non-Fibrous	None Detected
23865 BS118	Care Centre - Exterior (West Wall)	Caulking (at Overlap Joint of Sloped Metal Wall Cladding)	1: Grey	97% Non-Fibrous	3% Chrysotile
23865 BS119	Care Centre - Exterior (Northwest Wall)	Caulking (at Overlap Joint of Sloped Metal Wall Cladding)	1: Grey	97% Non-Fibrous	3% Chrysotile
23865 BS120	Care Centre - Exterior (North Wall)	Caulking (at Overlap Joint of Sloped Metal Wall Cladding)	1: Grey	97% Non-Fibrous	3% Chrysotile
23865 BS121	Care Centre - Exterior (South Wall)	Smooth Stucco	1: Beige	100% Non-Fibrous	None Detected

Sample	Location	Description	Layer: Colour	Non-Asbestos		Asbestos	
				%	Type	%	Type
23865 BS122	Care Centre - Exterior - Southeast Storage Room Rooftop (within Parkade)	Roofing Shingle	1: Black	65%	Cellulose	None Detected	
				35%	Non-Fibrous		
23865 BS123	Care Centre - Exterior - Southeast Storage Room Rooftop (within Parkade)	Mastic (where Roofing Shingle abuts Concrete Wall)	1: Black	10%	Cellulose	None Detected	
				90%	Non-Fibrous		
23865 BS124	Care Centre - Exterior - Southeast Storage Room Rooftop (within Parkade)	Mastic (where Roofing Shingle abuts Concrete Wall)	1: Black	10%	Cellulose	None Detected	
				90%	Non-Fibrous		
23865 BS125	Care Centre - Exterior - Southeast Storage Room Rooftop (within Parkade)	Mastic (where Roofing Shingle abuts Concrete Wall)	1: Black	10%	Cellulose	None Detected	
				90%	Non-Fibrous		
23865 BS126	Care Centre - North Elevator Car	Sheet Flooring	1: Off-White	100%	Non-Fibrous	None Detected	
23865 BS127	Care Centre - South Elevator Car	Sheet Flooring Wear Surface	1: Brown	100%	Non-Fibrous	None Detected	
		Foam Backing	2: White	30%	Glass	None Detected	
				70%	Non-Fibrous		
23865 BS128	Care Centre - Ground Floor - East Chapel	Filling Compound (behind West Gypsum Board Wall)	1: Off-White	100%	Non-Fibrous	None Detected	

Analyst(s): Lillian Fan, Jessica Young

Sample(s) Collected on February 9, 2021

Sample	Location	Description	Layer: Colour	Non-Asbestos		Asbestos	
				%	Type	%	Type
23865 BS129	Care Centre - Third Floor - East Corridor	2' x 4' Ceiling Tile (Textured Finish)	1: Grey	65%	Cellulose	None Detected	
				30%	Glass		
				5%	Non-Fibrous		
23865 BS130	Care Centre - Third Floor - West Corridor	2' x 4' Ceiling Tile (Large Perforation)	1: Grey	65%	Cellulose	None Detected	
				30%	Glass		
				5%	Non-Fibrous		
23865 BS131	Care Centre - Third Floor - East Corridor	2' x 4' Ceiling Tile (Small Perforation)	1: Grey	65%	Cellulose	None Detected	
				30%	Glass		
				5%	Non-Fibrous		
23865 BS132	Care Centre - Third Floor - East Corridor	2' x 4' Ceiling Tile (Large Perforation)	1: Grey	65%	Cellulose	None Detected	
				30%	Glass		
				5%	Non-Fibrous		
23865 BS133	Care Centre - Third Floor - West Corridor	2' x 4' Ceiling Tile (Textured Finish)	1: Grey	65%	Cellulose	None Detected	
				30%	Glass		
				5%	Non-Fibrous		
23865 BS134	Care Centre - Third Floor - Dietician's Office	2' x 4' Ceiling Tile (Medium Fissure)	1: Grey	65%	Cellulose	None Detected	
				30%	Glass		
				5%	Non-Fibrous		

Sample	Location	Description	Layer: Colour	Non-Asbestos	Asbestos
				% Type	% Type
23865 BS135	Care Centre - Second Floor - Northeast Corridor	2' x 4' Ceiling Tile (Large Perforation)	1: Grey	65% Cellulose 30% Glass 5% Non-Fibrous	None Detected
23865 BS136	Care Centre - Second Floor - Northeast Corridor	2' x 4' Ceiling Tile (Small Perforation)	1: Grey	65% Cellulose 30% Glass 5% Non-Fibrous	None Detected
23865 BS137	Care Centre - Second Floor - Southeast Corridor	2' x 4' Ceiling Tile (Large Perforation)	1: Grey	65% Cellulose 30% Glass 5% Non-Fibrous	None Detected
23865 BS138	Care Centre - Second Floor - Southeast Corridor	2' x 4' Ceiling Tile (Small Perforation)	1: Grey	65% Cellulose 30% Glass 5% Non-Fibrous	None Detected
23865 BS139	Care Centre - Ground Floor - Southeast Staff Lounge	2' x 4' Ceiling Tile (Medium Fissure)	1: Grey	65% Cellulose 30% Glass 5% Non-Fibrous	None Detected
23865 BS140	Care Centre - Ground Floor - Southeast Staff Lounge	2' x 4' Ceiling Tile (Small Perforation)	1: Grey	65% Cellulose 30% Glass 5% Non-Fibrous	None Detected
23865 BS141	Care Centre - Ground Floor - Southeast Staff Lounge	2' x 4' Ceiling Tile (Large Perforation)	1: Grey	65% Cellulose 30% Glass 5% Non-Fibrous	None Detected
23865 BS142	Care Centre - Ground Floor - South Corridor	2' x 4' Ceiling Tile (Medium Fissure)	1: Grey	65% Cellulose 30% Glass 5% Non-Fibrous	None Detected
23865 BS143	Care Centre - Ground Floor - South Corridor	2' x 4' Ceiling Tile (Small Perforation)	1: Grey	65% Cellulose 30% Glass 5% Non-Fibrous	None Detected
23865 BS144	Care Centre - Ground Floor - South Corridor	2' x 4' Ceiling Tile (Medium Fissure)	1: Grey	65% Cellulose 30% Glass 5% Non-Fibrous	None Detected
23865 BS145	Care Centre - Ground Floor - Centre Corridor	2' x 4' Ceiling Tile (Medium Fissure)	1: Grey	65% Cellulose 30% Glass 5% Non-Fibrous	None Detected
23865 BS146	Care Centre - Ground Floor - Centre Stairwell	Paint Filling Compound on Gypsum Board (East Wall)	1: Off-White 2: White	100% Non-Fibrous	None Detected
23865 BS147	Care Centre - Ground Floor - North Corridor	Paint Filling Compound on Gypsum Board (East Wall)	1: Cream 2: White	100% Non-Fibrous	None Detected
23865 BS148	Care Centre - Ground Floor - South Corridor	Paint Filling Compound on Gypsum Board (East Wall)	1: Cream 2: White	100% Non-Fibrous	None Detected
23865 BS149	Care Centre - Care Centre - Second Floor - East Corridor	Paint Filling Compound on Gypsum Board (West Wall)	1: Cream 2: White	100% Non-Fibrous	None Detected
23865 BS150	Care Centre - Care Centre - Second Floor - East Corridor	Paint Filling Compound on Gypsum Board (East Wall)	1: Cream 2: White	100% Non-Fibrous	None Detected

Sample	Location	Description	Layer: Colour	Non-Asbestos	Asbestos
				% Type	% Type
23865 BS151	Care Centre - Care Centre - Third Floor - East Corridor	Paint Filling Compound on Gypsum Board (West Wall)	1: Grey 2: White	100% Non-Fibrous	None Detected
23865 BS152	Care Centre - Care Centre - Third Floor - East Corridor	Paint Filling Compound on Gypsum Board (East Wall)	1: Grey 2: White	100% Non-Fibrous	None Detected
23865 BS153	Care Centre - Care Centre - Third Floor - Centre Corridor	Paint Filling Compound on Gypsum Board (West Wall)	1: Beige 2: Off-White	100% Non-Fibrous	None Detected
23865 BS154	Care Centre - Parking Level - Elevator Lobby	Paint Skim Coat (on South Concrete Wall)	1: Peach 2: White	100% Non-Fibrous	None Detected
23865 BS155	Care Centre - Parking Level - Parking Garage	Paint Filling Compound on Gypsum Board (North Wall, Centre Section)	1: White 2: White	100% Non-Fibrous	None Detected
23865 BS156	Care Centre - Parking Level - Parking Garage	Paint Filling Compound on Gypsum Board (North Wall, East Section)	1: White 2: White	100% Non-Fibrous	None Detected
23865 BS157	Care Centre - Parking Level - Parking Garage	Paint Filling Compound on Gypsum Board (North Wall, West Section)	1: White 2: Off-White	100% Non-Fibrous	None Detected
23865 BS158	Care Centre - Parking Level - North Locker Room	Paint Filling Compound on Gypsum Board (West Wall)	1: Cream 2: Off-White	100% Non-Fibrous	None Detected
23865 BS159	Care Centre - Exterior (West Section)	Deck Membrane	1: Black	100% Non-Fibrous	None Detected
23865 BS160	Care Centre - Exterior (East Section)	Deck Membrane	1: Black	100% Non-Fibrous	None Detected
23865 BS161	Care Centre - Exterior (East Section)	Deck Membrane	1: Black	100% Non-Fibrous	None Detected
23865 BS162	Care Centre - Ground Floor - East Entrance Foyer	Paint Skim Coat (on South Concrete Wall)	1: Grey 2: White	100% Non-Fibrous	None Detected
23865 BS163	Care Centre - Ground Floor - East Entrance Foyer	Paint Skim Coat (on North Concrete Wall)	1: Grey 2: White	100% Non-Fibrous	None Detected
23865 BS164	Care Centre - Third Floor - Centre Corridor	Paint Spray Applied Texture Coat (North Concrete Wall)	1: Grey 2: White	3% Cellulose 97% Non-Fibrous	None Detected
23865 BS165	Care Centre - Third Floor - East Corridor	Paint Spray Applied Texture Coat (East Concrete Wall)	1: Grey 2: White	3% Cellulose 97% Non-Fibrous	None Detected

Sample	Location	Description	Layer: Colour	Non-Asbestos		Asbestos	
				%	Type	%	Type
23865 BS166	Care Centre - Second Floor - East Corridor	Paint Spray Applied Texture Coat (East Concrete Wall)	1: Off-White 2: White	3%	Cellulose 97% Non-Fibrous	None Detected	
23865 BS167	Care Centre - Second Floor - Centre Corridor	Paint Spray Applied Texture Coat (North Concrete Wall)	1: Off-White 2: White	3%	Cellulose 97% Non-Fibrous	None Detected	
23865 BS168	Care Centre - Third Floor - Nurse's Station	Paint Spray Applied Texture Coat (Concrete Ceiling)	1: White 2: White	2%	Cellulose 98% Non-Fibrous	None Detected	
23865 BS169	Care Centre - Third Floor - Care Room 312	Paint Spray Applied Texture Coat (Concrete Ceiling)	1: White 2: White	2%	Cellulose 98% Non-Fibrous	None Detected	
23865 BS170	Care Centre - Second Floor - Nurse's Station	Paint Spray Applied Texture Coat (Concrete Ceiling)	1: White 2: White	2%	Cellulose 98% Non-Fibrous	None Detected	
23865 BS171	Care Centre - Second Floor - Nurse's Station	Paint Spray Applied Texture Coat (Concrete Ceiling)	1: White 2: White	2%	Cellulose 98% Non-Fibrous	None Detected	
23865 BS172	Care Centre - South Stairwell	Adhesive Residue (on East Concrete Wall)	1: Brown	100%	Non-Fibrous	None Detected	
23865 BS173	Care Centre - South Stairwell	Adhesive Residue (on East Concrete Wall)	1: Brown	100%	Non-Fibrous	None Detected	
23865 BS174	Care Centre - South Stairwell	Adhesive Residue (on East Concrete Wall)	1: Brown	100%	Non-Fibrous	None Detected	
23865 BS175	Care Centre - Centre Stairwell	Firestop Caulking (East Wall)	1: Red	3%	Glass 97% Non-Fibrous	None Detected	

Analyst(s): Lillian Fan, Jessica Young

Sample(s) Collected on February 11, 2021

Sample	Location	Description	Layer: Colour	Non-Asbestos		Asbestos	
				%	Type	%	Type
23865 BS176	Care Centre - Ground Floor - Northwest Administrator's Office	Sealant (in West Exterior Brown Metal-Framed Window)	1: Black	99%	Non-Fibrous	1%	Chrysotile
23865 BS177	Care Centre - Ground Floor - Southeast Staff Lounge	Sealant (in East Exterior Brown Metal-Framed Window)	1: Black	95%	Non-Fibrous	5%	Chrysotile
23865 BS178	Care Centre - Ground Floor - Housekeeping Office	Sealant (in East Exterior Brown Metal-Framed Window)	1: Black	99%	Non-Fibrous	1%	Chrysotile
23865 BS179	Care Centre - Ground Floor - Secretary Office	Sealant (in East Exterior Brown Metal-Framed Window)	1: Black	99%	Non-Fibrous	1%	Chrysotile

Sample	Location	Description	Layer: Colour	Non-Asbestos	Asbestos
				% Type	% Type
23865 BS180	Care Centre - Ground Floor - West Lounge	Sealant (in West Exterior Brown Metal-Framed Window)	1: Black	99% Non-Fibrous	1% Chrysotile
23865 BS181	Care Centre - Ground Floor - West Solarium (Exterior North Wall)	Caulking (around North Exterior Brown Metal-Framed Window)	1: Brown	100% Non-Fibrous	None Detected
23865 BS182	Care Centre - Ground Floor - Northwest Cameo Room (Exterior North Wall)	Caulking (around North Exterior Brown Metal-Framed Window)	1: Brown	98% Non-Fibrous	2% Chrysotile
23865 BS183	Care Centre - Ground Floor - Northwest Administrator's Office (Exterior West Wall)	Caulking (around West Exterior Brown Metal-Framed Window)	1: Brown	100% Non-Fibrous	None Detected
23865 BS184	Care Centre - Exterior (West Wall, North Section)	Caulking (where Stucco abuts Concrete Wall)	1: Off-White	100% Non-Fibrous	None Detected
23865 BS185	Care Centre - Second Floor - Southeast Corridor	Sealant (in South Exterior Brown Metal-Framed Window)	1: Black	5% Cellulose 95% Non-Fibrous	None Detected
23865 BS186	Care Centre - Second Floor - Care Room 208	Caulking (around East Exterior Brown Metal-Framed Window)	1: Brown	2% Glass 98% Non-Fibrous	None Detected
23865 BS187	Care Centre - Second Floor - Care Room 235	Sealant (in West Exterior Brown Metal-Framed Window)	1: Brown	5% Cellulose 95% Non-Fibrous	None Detected
23865 BS188	Care Centre - Second Floor - Northwest Garden Room	Caulking (around Exterior North Brown Metal-Framed Window)	1: Brown	98% Non-Fibrous	2% Chrysotile
23865 BS189	Care Centre - Third Floor - Southeast Corridor (Exterior South Wall)	Caulking (around Exterior South Brown Metal-Framed Window)	1: Brown	100% Non-Fibrous	None Detected
23865 BS190	Care Centre - Third Floor - Care Room 324	Sealant (in Exterior Brown Metal-Framed Window)	1: Black	5% Cellulose 95% Non-Fibrous	None Detected
23865 BS191	Care Centre - Third Floor - Care Room 328	Sealant (in Exterior Brown Metal-Framed Window)	1: Black	5% Cellulose 95% Non-Fibrous	None Detected
23865 BS192	Care Centre - Third Floor - Care Room 328 (Exterior East Wall)	Caulking (around Exterior Brown Metal-Framed Window)	1: Brown	2% Glass 98% Non-Fibrous	None Detected
23865 BS193	Care Centre - Third Floor - Care Room 328 (Exterior East Wall)	Caulking (where Sloped Metal Wall Cladding abuts Stucco)	1: Grey	100% Non-Fibrous	None Detected
23865 BS194	Care Centre - Third Floor - Dietician's Office	Caulking (on Exterior South Brown Metal-Framed Window))	1: Brown	2% Glass 98% Non-Fibrous	None Detected
23865 BS195	Care Centre - Ground Floor - Southeast Storage Room (exterior access) - Exterior (South Wall)	Caulking (at Electrical Conduit Penetration)	1: White	100% Non-Fibrous	None Detected

Sample	Location	Description	Layer: Colour	Non-Asbestos	Asbestos
				% Type	% Type
23865 BS196	Care Centre - Ground Floor - Southeast Storage Room (exterior access) - Exterior - Rooftop	Roofing Membrane	1: Black	65% Synthetic 35% Non-Fibrous	None Detected
23865 BS197	Care Centre - Ground Floor - Southeast Storage Room (exterior access) - Exterior - Rooftop	Caulking (at Joint of Metal Perimeter Flashing)	1: Brown	98% Non-Fibrous	2% Chrysotile
23865 BS198	Care Centre - Ground Floor - Southeast Storage Room (exterior access) - Exterior - Rooftop	Caulking (where Metal Wall Flashing abuts Giant Brick Wall)	1: Brown	98% Non-Fibrous	2% Chrysotile
23865 BS199	Care Centre - Ground Floor - Southeast Storage Room (exterior access)	Sealant (in Exterior White Metal-Framed Window)	1: Black	99% Non-Fibrous	1% Chrysotile
23865 BS200	Care Centre - Ground Floor - Southeast Storage Room (exterior access)	2' x 4' Ceiling Tile (Large Fissure)	1: Grey	65% Cellulose 30% Glass 5% Non-Fibrous	None Detected
23865 BS201	Care Centre - Ground Floor - Southeast Storage Room (exterior access)	2' x 4' Ceiling Tile (Large Fissure)	1: Grey	65% Cellulose 30% Glass 5% Non-Fibrous	None Detected
23865 BS202	Care Centre - Ground Floor - Southeast Storage Room (exterior access)	2' x 4' Ceiling Tile (Large Fissure)	1: Grey	65% Cellulose 30% Glass 5% Non-Fibrous	None Detected
23865 BS203	Care Centre - Ground Floor - East Entrance Foyer	Filling Compound (on South Concrete Wall)	1: Off-White	100% Non-Fibrous	None Detected
23865 BS204	Care Centre - Ground Floor - East Entrance Foyer	Filling Compound (on South Concrete Wall)	1: Off-White	100% Non-Fibrous	None Detected
23865 BS205	Care Centre - Parking Level - Northeast Storage Room	Firestop Caulking (at West Wall Penetration)	1: Red	100% Non-Fibrous	None Detected
23865 BS206	Care Centre - Parking Level - Northeast Storage Room	Firestop Caulking (at West Wall Penetration)	1: Brown	10% Synthetic 90% Non-Fibrous	None Detected
23865 BS207	Detached Northwest Wood Shed - Exterior - Rooftop	Roofing Paper	1: Brown	98% Cellulose 2% Non-Fibrous	None Detected
23865 BS208	Care Centre - Third Floor - West Corridor	2' x 4' Ceiling Tile (Textured Finish)	1: Grey	65% Cellulose 30% Glass 5% Non-Fibrous	None Detected
23865 BS209	Care Centre - Mechanical Penthouse	Pipe Thread Compound (at Fitting of Natural Gas Piping)	1: Grey	100% Non-Fibrous	None Detected

Sample	Location	Description	Layer: Colour	Non-Asbestos	Asbestos
				% Type	% Type
23865 BS210	Care Centre - Mechanical Penthouse	Pipe Thread Compound (at Fitting of Natural Gas Piping)	1: Grey	100% Non-Fibrous	None Detected
23865 BS211	Care Centre - Mechanical Penthouse	Pipe Thread Compound (at Fitting of Natural Gas Piping)	1: Cream	100% Non-Fibrous	None Detected

Analyst(s): Lillian Fan, Jessica Young

Sample(s) Collected on February 12, 2021

Sample	Location	Description	Layer: Colour	Non-Asbestos	Asbestos
				% Type	% Type
23865 BS 212	Care Centre - Ground Floor - West Lounge	Carpet Adhesive (North Section)	1: Beige	3% Synthetic 97% Non-Fibrous	None Detected
23865 BS 213	Care Centre - Ground Floor - West Lounge	Carpet Adhesive (West Section)	1: Beige	3% Synthetic 97% Non-Fibrous	None Detected
23865 BS 214	Care Centre - Ground Floor - West Lounge	Carpet Adhesive (South section)	1: Beige	3% Synthetic 97% Non-Fibrous	None Detected
23865 BS 215	Ground Floor - Northeast General Office	Carpet Adhesive	1: Beige	3% Synthetic 97% Non-Fibrous	None Detected
23865 BS 216	Care Centre - Second Floor - Dietician's Office	Carpet Adhesive	1: Beige	3% Synthetic 97% Non-Fibrous	None Detected
23865 BS 217	Care Centre - Exterior (North Wall)	Giant Brick Mortar	1: Grey	100% Non-Fibrous	None Detected
23865 BS 218	Care Centre - Exterior (Northeast Section)	Giant Brick Mortar	1: Grey	100% Non-Fibrous	None Detected
23865 BS 219	Care Centre - Exterior (South Wall)	Giant Brick Mortar	1: Grey	100% Non-Fibrous	None Detected
23865 BS 220	Care Centre - Exterior (East Wall)	Giant Brick Mortar	1: Grey	100% Non-Fibrous	None Detected
23865 BS 221	Care Centre - Exterior (West Wall)	Giant Brick Mortar	1: Grey	100% Non-Fibrous	None Detected
23865 BS 222	Care Centre - Third Floor - Northwest Sunshine Room	Caulking (on South Wall)	1: White	100% Non-Fibrous	None Detected
23865 BS 223	Third Floor - East Corridor	Pipe Thread Compound (at Fitting of Brass Piping, above 2'x 4' Ceiling Tile)	1: Grey	100% Non-Fibrous	None Detected
23865 BS 224	Care Centre - Parking Level - Centre Elevator Control Room	Concrete Block Mortar (West Wall)	1: Grey	100% Non-Fibrous	None Detected
23865 BS 225	Care Centre - Parking Level - Centre Elevator Control Room	Concrete Block Mortar (North Wall)	1: Grey	100% Non-Fibrous	None Detected

Sample	Location	Description	Layer: Colour	Non-Asbestos	Asbestos
				% Type	% Type
23865 BS 226	Care Centre - Parking Level - Centre Elevator Control Room	Concrete Block Mortar (South Wall)	1: Grey	100% Non-Fibrous	None Detected
23865 BS 227	Care Centre - Parking Level - Parking Garage	Insulating Cement (at North Ceiling Drain Pipe Penetration, above 2' x 4' Ceiling Tile)	1: Grey	15% Non-Fibrous	85% Chrysotile

Analyst(s): Lillian Fan, Jessica Young



American Industrial Hygiene Association (AIHA) Bulk Asbestos Proficiency Analytical Testing (BAPAT)
Astech Consultants Ltd. Laboratory Participant ID# 200542



LEAD BULK SAMPLE REPORT

Date: February 16, 2021

Client: **CITY OF COQUITLAM**
c/o Turnbull Construction Project Managers Ltd.

Location: **Burquitlam Lions Care Centre and Out-Building**
560 Sydney Avenue
Coquitlam, BC

Comments: 1) The Workers' Compensation Board of British Columbia (WCB) no longer allows reference to Health Canada's definition of a lead-containing surface coating material.
2) WCB does not define a safe level for a lead-containing surface coating material.
3) Analyzed by X-Ray Fluorescence with direct read in parts per million (PPM).
4) Sample results report lead only.
5) < means less than, > means more than.

Sample(s) Analyzed on February 5, 2021

Sample	Location	Description	Colour	Lead
				PPM
23865 LS01	Care Centre - Third Floor - Northeast Corridor	Paint (on West Gypsum Board Wall)	Beige	294 PPM
23865 LS02	Care Centre - Third Floor - Northeast Corridor	Paint (on West Metal Door Frame)	Brown	570 PPM
23865 LS03	Care Centre - Third Floor - Northeast Corridor	Paint (on West Gypsum Board Wall)	Dark Beige	469 PPM
23865 LS04	Care Centre - Third Floor - Northeast Corridor	Paint (on North Wood Window Sill)	Dark Beige	186 PPM
23865 LS05	Care Centre - Third Floor - Northeast Corridor	Paint (on East Metal Fire Hose Box)	Beige	638 PPM
23865 LS06	Care Centre - Third Floor - Northeast Corridor	Paint (on East Metal Radiator)	Dark Beige	956 PPM
23865 LS07	Care Centre - Third Floor - Northeast Corridor	Paint (on East Concrete Wall)	Beige	16 PPM
23865 LS08	Care Centre - Third Floor - Northeast Corridor	Paint (on East Concrete Wall)	Dark Beige	16 PPM
23865 LS09	Care Centre - Third Floor - Northeast Corridor	Paint (on 2' x 4' Ceiling Tile)	White	21 PPM

Sample	Location	Description	Colour	Lead
				PPM
23865 LS10	Care Centre - Third Floor - Northeast Corridor	Paint (on Metal T-Bar Ceiling)	Off-White	1,595 PPM
23865 LS11	Care Centre - Third Floor - Northeast Corridor	Paint (on Exterior Metal Window)	Dark Brown	19 PPM
23865 LS12	Care Centre - Third Floor - Care Room 302	Paint (on North Gypsum Board Wall)	Light Beige	268 PPM
23865 LS13	Care Centre - Third Floor - Care Room 302	Paint (on North Concrete Wall)	Light Beige	17 PPM
23865 LS14	Care Centre - Third Floor - Care Room 302	Paint (on East Wood Closet Door)	Light Beige	212 PPM
23865 LS15	Care Centre - Third Floor - Care Room 302	Paint (on East Metal Radiator)	Light Beige	2,849 PPM
23865 LS16	Care Centre - Third Floor - Care Room 302	Paint (on Concrete Ceiling)	White	23 PPM
23865 LS17	Care Centre - Third Floor - Care Room 302	Paint (on Metal Sprinkler Piping)	White	182 PPM
23865 LS18	Care Centre - Third Floor - East Corridor	Paint (on North Metal Door)	Off-White	1,291 PPM
23865 LS19	Care Centre - Third Floor - Bath Area	Paint (on East Wood Door)	Off-White	336 PPM
23865 LS20	Care Centre - Third Floor - Soiled Linen Room	Paint (on North Gypsum Board Wall)	White	623 PPM
23865 LS21	Care Centre - Third Floor - Soiled Linen Room	Paint (on North Metal Access Hatch)	White	1,285 PPM
23865 LS22	Care Centre - Third Floor - Bath Area	Glazing Finish (on 2" Ceramic Floor Tile)	Brown	23 PPM
23865 LS23	Care Centre - Third Floor - Bath Area	Glazing Finish (on 4" Ceramic Wall Tile)	Cream	7,948 PPM
23865 LS24	Care Centre - Third Floor - Bath Area	Paint (on South Metal Door Frame)	White	1,091 PPM
23865 LS25	Care Centre - Third Floor - Northwest Sunshine Room	Paint (on East Concrete Column)	Light Blue	20 PPM
23865 LS26	Care Centre - Third Floor - Northwest Sunshine Room	Paint (on East Gypsum Board Wall)	Light Blue	19 PPM
23865 LS27	Care Centre - Third Floor - Northwest Sunshine Room	Paint (on East Wood Window Sill)	Beige	13 PPM
23865 LS28	Care Centre - Second Floor - Northeast Corridor	Paint (on South Metal Door)	Light Green	417 PPM
23865 LS29	Care Centre - Second Floor - Northeast Corridor	Paint (on North Wood Window Sill)	Beige	156 PPM
23865 LS30	Care Centre - Second Floor - Northeast Corridor	Paint (on West Gypsum Board Wall)	Beige	336 PPM
23865 LS31	Care Centre - Second Floor - Northeast Corridor	Paint (on West Gypsum Board Wall)	Off-White	258 PPM

Sample	Location	Description	Colour	Lead
				PPM
23865 LS32	Care Centre - Second Floor - Northeast Corridor	Paint (on West Metal Door Frame)	Brown	557 PPM
23865 LS33	Care Centre - Second Floor - Northeast Corridor	Paint (on East Concrete Wall)	Off-White	20 PPM
23865 LS34	Care Centre - Second Floor - East Corridor	Paint (on Gypsum Board Ceiling)	Light Brown	345 PPM
23865 LS35	Care Centre - Second Floor - East Corridor	Paint (on Concrete Column)	Beige	20 PPM
23865 LS36	Care Centre - Second Floor - Bath Area	Paint (on East Wood Door)	Brown	235 PPM
23865 LS37	Care Centre - Second Floor - East Corridor	Paint (on East Metal Clad Wood Door)	White	352 PPM
23865 LS38	Care Centre - Second Floor - Bath Area	Paint (on West Wood Door)	Pink	354 PPM
23865 LS39	Care Centre - Second Floor - Bath Area	Glazing Finish (on 2" Ceramic Floor Tile)	Brown	24 PPM
23865 LS40	Care Centre - Second Floor - Bath Area	Paint (on North Metal Radiator)	Light Brown	7,561 PPM
23865 LS41	Care Centre - Second Floor - Northwest Garden Room	Paint (on North Wood Window Sill)	Light Brown	< 11 PPM
23865 LS42	Care Centre - Ground Floor - Soiled Linen Room	Paint (on North Gypsum Board Wall)	Off-White	492 PPM
23865 LS43	Care Centre - Ground Floor - Soiled Linen Room	Paint (on Metal Ductwork)	Off-White	1,748 PPM
23865 LS44	Care Centre - Ground Floor - Soiled Linen Room	Paint (on East Exterior Metal Door Frame)	Dark Brown	2,803 PPM
23865 LS45	Care Centre - Ground Floor - Southeast Corridor	Paint (on South Metal Door)	Beige	2,062 PPM
23865 LS46	Care Centre - Ground Floor - Southwest Kitchen	Glazing Finish (on 6" Ceramic Floor Tile)	Brown	142 PPM
23865 LS47	Care Centre - Ground Floor - Southwest Kitchen	Paint (on East Metal Window Frame)	White	2,294 PPM
23865 LS48	Care Centre - Ground Floor - Southwest Kitchen	Paint (on East Concrete Block Wall)	White	708 PPM
23865 LS49	Care Centre - Ground Floor - Southwest Kitchen	Paint (on East Gypsum Board Wall)	White	548 PPM
23865 LS50	Care Centre - Ground Floor - Southeast Corridor	Paint (on East Metal Door Frame)	Light Purple	20 PPM
23865 LS51	Care Centre - Ground Floor - Southeast Corridor	Paint (on East Wood Window Sill)	Light Purple	93 PPM
23865 LS52	Care Centre - Ground Floor - Men's North Washroom	Glazing Finish (on 4" Ceramic Wall Tile)	Off-White	45,700 PPM
23865 LS53	Care Centre - Ground Floor - Women's North Washroom	Glazing Finish (on 6" Ceramic Wall Tile)	Brown	296 PPM

Sample	Location	Description	Colour	Lead
				PPM
23865 LS54	Care Centre - Ground Floor - South Corridor	Paint (on West Concrete Wall)	Off-White	24 PPM
23865 LS55	Care Centre - Ground Floor - Southeast Staff Lounge	Paint (on South Concrete Wall)	Light Brown	28 PPM
23865 LS56	Care Centre - Ground Floor - Southeast Staff Lounge	Paint (on East Gypsum Board Wall)	Light Brown	429 PPM
23865 LS57	Care Centre - Ground Floor - Southeast Staff Lounge	Paint (on East Wood Window Sill)	Light Brown	82 PPM
23865 LS58	Care Centre - Ground Floor - Southeast Staff Lounge	Paint (on West Metal Door Frame)	Light Brown	918 PPM
23865 LS59	Care Centre - Ground Floor - Southeast Staff Lounge	Paint (on West Gypsum Board Wall)	Beige	19 PPM
23865 LS60	Care Centre - Ground Floor - Centre Corridor	Paint (on West Gypsum Board Wall)	Off-White	311 PPM
23865 LS61	Care Centre - Ground Floor - East Chapel	Paint (on South Gypsum Board Wall)	Yellow	224 PPM
23865 LS62	Care Centre - Ground Floor - East Chapel	Paint (on South Gypsum Board Wall)	Blue	225 PPM
23865 LS63	Care Centre - Ground Floor - East Chapel	Paint (on West Metal Door Frame)	Blue	1,245 PPM
23865 LS64	Care Centre - Ground Floor - North Corridor	Paint (on North Wood Window Sill)	Green	326 PPM
23865 LS65	Care Centre - Ground Floor - East Chapel	Paint (on South Wood Door)	Blue	321 PPM
23865 LS66	Care Centre - Ground Floor - East Chapel	Paint (on East Wood Window Sill)	White	201 PPM
23865 LS67	Care Centre - Ground Floor - West Solarium	Glazing Finish (on 6" Ceramic Floor Tile)	Light Brown	> 100,000 PPM
23865 LS68	Care Centre - Ground Floor - West Solarium	Paint (on Interior Metal-Framed Window)	Dark Brown	29 PPM
23865 LS69	Care Centre - Ground Floor - West Solarium	Paint (on West Wood Window Sill)	Dark Beige	180 PPM
23865 LS70	Care Centre - Ground Floor - Northwest Cameo Room	Paint (on North Concrete Wall)	Light Green	26 PPM
23865 LS71	Care Centre - Ground Floor - Northwest Cameo Room	Paint (on North Wood Window Sill)	Blue	19 PPM
23865 LS72	Care Centre - Ground Floor - Northwest Cameo Room	Paint (on East Gypsum Board Wall)	Light Green	25 PPM
23865 LS73	Care Centre - Ground Floor - North Corridor	Paint (on West Metal Door Frame)	Green	1,303 PPM
23865 LS74	Care Centre - Ground Floor - North Corridor	Paint (on South Concrete Wall)	Beige	25 PPM
23865 LS75	Care Centre - Ground Floor - Centre Corridor	Paint (on West Metal Radiator)	Off-White	381 PPM

Sample	Location	Description	Colour	Lead
				PPM
23865 LS76	Care Centre - Ground Floor - North Corridor	Paint (on East Concrete Wall)	Off-White	27 PPM
23865 LS77	Care Centre - Ground Floor - North Corridor	Paint (on East Metal Window Frame)	Off-White	1,786 PPM
23865 LS78	Care Centre - Ground Floor - East Entrance Foyer	Paint (on East Wood Window Sill)	Off-White	251 PPM
23865 LS79	Care Centre - Ground Floor - Northwest Beauty Parlour	Paint (on West Gypsum Board Wall)	Grey	296 PPM
23865 LS80	Care Centre - Ground Floor - Northwest Beauty Parlour	Paint (on East Concrete Column)	Grey	26 PPM
23865 LS81	Care Centre - Ground Floor - Northwest Accountant's Office	Paint (on South Wood Door)	Blue	291 PPM
23865 LS82	Care Centre - Ground Floor - Northwest Accountant's Office	Paint (on North Gypsum Board Wall)	Light Blue	217 PPM
23865 LS83	Care Centre - Ground Floor - Northwest Accountant's Office	Paint (on East Metal Door)	Blue	1,341 PPM
23865 LS84	Care Centre - Ground Floor - Northwest Women's Washroom	Paint (on West Wood Door)	Orange	236 PPM
23865 LS85	Care Centre - Ground Floor - Northwest Men's Washroom	Paint (on West Wood Door)	Yellow	337 PPM
23865 LS86	Care Centre - Ground Floor - Northwest Corridor	Paint (on South Wood Door)	Red	226 PPM
23865 LS87	Care Centre - Parking Level - North Locker Room	Paint (on South Concrete Block Wall)	Off-White	776 PPM
23865 LS88	Care Centre - Parking Level - Elevator Lobby	Paint (on West Metal Door)	Orange	2,483 PPM
23865 LS89	Care Centre - Parking Level - Elevator Lobby	Paint (on West Metal Door)	Dark Yellow	3,613 PPM
23865 LS90	Care Centre - Parking Level - North Locker Room	Paint (on West Metal Stall Divider)	Orange	19,700 PPM
23865 LS91	Care Centre - Parking Level - North Locker Room	Glazing Finish (on 2" Ceramic Floor Tile)	Brown	64 PPM
23865 LS92	Care Centre - Parking Level - North Locker Room	Glazing Finish (on North 4" Ceramic Wall Tile)	Off-White	8,457 PPM
23865 LS93	Care Centre - Parking Level - North Locker Room	Paint (on North Gypsum Board Wall)	Off-White	706 PPM
23865 LS94	Care Centre - Parking Level - North Locker Room	Paint (on East Concrete Block Wall)	Orange	629 PPM
23865 LS95	Care Centre - Parking Level - Care Centre - Parking Garage Entrance Foyer	Paint (on Concrete Floor)	Grey	295 PPM

Sample	Location	Description	Colour	Lead
				PPM
23865 LS96	Care Centre - Parking Level - Care Centre - Parking Garage Entrance Foyer	Paint (on West Exterior Metal Door)	Dark Brown	2,949 PPM
23865 LS97	Care Centre - Parking Level - Care Centre - Parking Garage	Paint (on North Concrete Floor)	Grey	394 PPM
23865 LS98	Care Centre - Parking Level - Care Centre - Parking Garage	Paint (on North Gypsum Board Wall)	White	22 PPM
23865 LS99	Care Centre - Parking Level - Care Centre - Parking Garage	Paint (on Centre Concrete Column)	White	36 PPM
23865 LS100	Care Centre - Parking Level - Care Centre - Parking Garage	Paint Line (on Asphalt Ground)	Yellow	28,200 PPM
23865 LS101	Care Centre - Parking Level - Care Centre - Parking Garage	Paint (on North Wood Wall Guard)	Red	2,203 PPM
23865 LS102	Care Centre - Parking Level - Care Centre - Parking Garage	Paint (on Centre Metal Drain Pipe)	White	127 PPM
23865 LS103	Care Centre - Parking Level - South Elevator Control Room	Paint (on Concrete Floor)	Green	287 PPM
23865 LS104	Care Centre - Parking Level - Southeast Storage Room	Paint (on West Exterior Metal Door)	Grey	135 PPM
23865 LS105	Care Centre - Exterior (North Wall)	Paint (on Metal Door)	Brown	8,369 PPM
23865 LS106	Care Centre - Exterior (North Wall)	Paint (on Metal Fencing)	Black	54 PPM
23865 LS107	Care Centre - Exterior (North Section)	Paint (on Metal Soffit)	White	51 PPM
23865 LS108	Care Centre - Exterior (North Wall)	Paint (on Metal Cladding)	Light Green	9,228 PPM
23865 LS109	Care Centre - Exterior (East Section)	Paint (on Metal Railing)	Dark Brown	94 PPM
23865 LS110	Care Centre - Exterior (East Section)	Paint (on Stucco Soffit)	White	29 PPM
23865 LS111	Care Centre - Exterior (East Section)	Paint (on Metal Fencing)	Dark Brown	39 PPM
23865 LS112	Care Centre - Exterior (East Wall)	Paint (on Metal Door Frame)	Black	24 PPM
23865 LS113	Care Centre - Exterior (East Wall)	Paint (on Metal Window Frame)	Dark Brown	629 PPM
23865 LS114	Care Centre - Ground Floor - General Office	Paint (on South Concrete Wall))	Beige	12 PPM

Sample	Location	Description	Colour	Lead
				PPM
23865 LS115	Care Centre - Centre Stairwell	Paint (on East Gypsum Board Wall)	Beige	155 PPM
23865 LS116	Care Centre - Centre Stairwell	Paint (on Concrete Stair)	Grey	147 PPM
23865 LS117	Care Centre - Centre Stairwell	Paint (on Metal Railing)	Light Beige	7,610 PPM
23865 LS118	Care Centre - Centre Stairwell	Paint (on Centre Concrete Wall)	Off-White	453 PPM
23865 LS119	Care Centre - Centre Stairwell	Paint (on Concrete Stair)	Red	371 PPM
23865 LS120	Care Centre - Centre Stairwell	Paint (on West Concrete Wall)	Burgundy	443 PPM
23865 LS121	Care Centre - Centre Stairwell	Paint (on West Concrete Wall)	Beige	241 PPM
23865 LS122	Care Centre - South Stairwell	Paint (on Concrete Stair)	Yellow	15 PPM
23865 LS123	Care Centre - Exterior (Southeast Section)	Paint (on Wood Trim at Roof Line)	Dark Brown	49 PPM
23865 LS124	Detached Northwest Wood Shed - Exterior (South Wall)	Stain (on Wood Siding)	Dark Brown	10 PPM

Analyst(s): Scott Price



Certified to ISO:20807; and Health Canada's and Natural Resources Canada's requirements for compliance with Health Canada Safety Code 32&34



LEACHATE LEAD SAMPLE REPORT

Date: February 16, 2021

Client: **CITY OF COQUITLAM**
c/o Turnbull Construction Project Managers Ltd.

Location: **Burquitlam Lions Care Centre**
560 Sydney Avenue
Coquitlam, BC

Comments:

- 1) Samples were analyzed in accordance with EPA Analytical Methods 6020A & 1311.
- 2) Sample results report leachate lead only.
- 3) Reportable Detection Limit is 0.25 mg/L.
- 4) Ministry of Environment defines lead leachate hazardous waste level as 5.0 mg/L or greater.
- 5) Samples will be disposed of after 30 days, unless the client requests otherwise.

Sample(s) Collected on February 5, 2021

Sample	Location	Description	Colour	Lead Leachate
				mg/L
23865 LLS01 (LS04)	Care Centre - Third Floor - Northeast Corridor	Paint (on North Wood Window Sill)	Dark Beige	< 0.25 mg/L
23865 LLS02 (LS14)	Care Centre - Third Floor - Care Room 302	Paint (on East Wood Closet Door)	Light Beige	< 0.25 mg/L
23865 LLS03 (LS29)	Care Centre - Second Floor - Northeast Corridor	Paint (on North Wood Window Sill)	Beige	< 0.25 mg/L
23865 LLS04 (LS48)	Care Centre - Ground Floor - Kitchen	Paint (on East Concrete Block Wall)	White	< 0.25 mg/L
23865 LLS05 (LS51)	Care Centre - Ground Floor - Southeast Corridor	Paint (on East Wood Window Sill)	Light Purple	< 0.25 mg/L
23865 LLS06 (LS64)	Care Centre - Ground Floor - North Corridor	Paint (on North Wood Window Sill)	Green	< 0.25 mg/L
23865 LLS07 (LS66)	Care Centre - Ground Floor - East Chapel	Paint (on East Wood Window Sill)	White	< 0.25 mg/L
23865 LLS08 (LS69)	Care Centre - Ground Floor - West Solarium	Paint (on West Wood Window Sill)	Dark Beige	< 0.25 mg/L
23865 LLS09 (LS78)	Care Centre - Ground Floor - East Entrance Foyer	Paint (on East Wood Window Sill)	Off-White	< 0.25 mg/L

Sample	Location	Description	Colour	Lead Leachate
				mg/L
23865 LLS10 (LS87)	Care Centre - Parking Level - North Locker Room	Paint (on South Concrete Block Wall)	Off-White	< 0.25 mg/L
23865 LLS11 (LS97)	Care Centre - Parking Level - Parking Garage	Paint (on North Concrete Floor)	Grey	< 0.25 mg/L
23865 LLS12 (LS101)	Care Centre - Parking Level - Parking Garage	Paint (on North Wood Wall Guard)	Red	0.47 mg/L
23865 LLS13 (LS103)	Care Centre - Parking Level - South Elevator Control Room	Paint (on Concrete Floor)	Green	< 0.25 mg/L
23865 LLS14 (LS116)	Care Centre - Centre Stairwell	Paint (on Concrete Stair)	Grey	< 0.25 mg/L
23865 LLS15 (LS118)	Care Centre - Centre Stairwell	Paint (on Centre Concrete Wall)	Off-White	< 0.25 mg/L
23865 LLS16 (LS119)	Care Centre - Centre Stairwell	Paint (on Concrete Stair)	Red	< 0.25 mg/L
23865 LLS17 (LS120)	Care Centre - Centre Stairwell	Paint (on West Concrete Wall)	Burgundy	< 0.25 mg/L
23865 LLS18 (LS121)	Care Centre - Centre Stairwell	Paint (on West Concrete Wall)	Beige	< 0.25 mg/L



ASBESTOS BULK SAMPLE REPORT

Date: September 9, 2016

Client: CITY OF COQUITLAM

Location: Burquitlam Lions Care Centre
560 Sydney Avenue
Coquitlam, BC

Comments: 1) Analyzed as per NIOSH 9002, except for Vermiculite as per EPA/600/R-04/004.
2) WCB defines asbestos containing material as 0.5% or more asbestos, with the exception of Vermiculite which is defined as "any asbestos".
3) Sample(s) will be disposed of after 90 days, unless the Client requests otherwise.

Sample(s) Collected on August 25, 2016

Sample	Location	Description	Layer: Colour	Non-Asbestos	Asbestos
				% Type	% Type
16173BS01	Second Floor - Care Room 201	Sheet Flooring	1: Light Beige	100% Non-Fibrous	None Detected
16173BS02	Second Floor - Care Room 201	Sheet Flooring Wear Surface	2: Brown Mosaic	100% Non-Fibrous	None Detected
		Paper Backing	3: Grey	15% Cellulose 5% Non-Fibrous	80% Chrysotile
16173BS03	Second Floor - Care Room 201	Paint Filling Compound on Gypsum Board (Wall)	1: White 2: White	100% Non-Fibrous	None Detected
16173BS04	Second Floor - Care Room 201	Paint Spray Applied Texture Coat (Ceiling)	1: White 2: White	8% Cellulose 92% Non-Fibrous	None Detected
16173BS05	Second Floor - Care Room 201	Cove Base	1: Green	100% Non-Fibrous	None Detected
16173BS06	Second Floor - Care Room 201	Cove Base Adhesive	2: Brown	100% Non-Fibrous	None Detected
16173BS07	Second Floor - Care Room 201	Pipe Thread Compound (at Fitting of Sprinkler Piping)	1: Off-White	5% Cellulose 95% Non-Fibrous	None Detected
16173BS08	Second Floor - Care Room 201	Sealant (in Exterior Metal-Framed Window)	1: Black	5% Cellulose 95% Non-Fibrous	None Detected

Sample	Location	Description	Layer: Colour	Non-Asbestos	Asbestos
				% Type	% Type
16173BS09	Second Floor - Care Room 202	Paint Spray Applied Texture Coat (Wall)	1: White 2: White	8% Cellulose 92% Non-Fibrous	None Detected
16173BS10	Second Floor - Care Room 202	Sealant (in Exterior Metal-Framed Window)	1: Black	5% Cellulose 95% Non-Fibrous	None Detected
16173BS11	Second Floor - Care Room 208	Sheet Flooring	1: Light Beige	100% Non-Fibrous	None Detected
16173BS12	Second Floor - Care Room 208	Sheet Flooring Wear Surface	2: Brown Mosaic	100% Non-Fibrous	None Detected
		Paper Backing	3: Grey	15% Cellulose 5% Non-Fibrous	80% Chrysotile
16173BS13	Second Floor - Care Room 208	Paint Filling Compound on Gypsum Board (Wall)	1: White 2: White	100% Non-Fibrous	None Detected
16173BS14	Second Floor - Care Room 208	Paint Spray Applied Texture Coat (Wall)	1: White 2: White	8% Cellulose 92% Non-Fibrous	None Detected
16173BS15	Second Floor - Care Room 208	Paint Spray Applied Texture Coat (Ceiling)	1: White 2: White	8% Cellulose 92% Non-Fibrous	None Detected
16173BS16	Second Floor - Care Room 208	Sealant (in Exterior Metal-Framed Window)	1: Black	5% Cellulose 95% Non-Fibrous	None Detected
16173BS17	Second Floor - Care Room 208	Cove Base	1: Green	100% Non-Fibrous	None Detected
16173BS18	Second Floor - Care Room 208	Cove Base Adhesive	2: Brown	100% Non-Fibrous	None Detected
16173BS19	Second Floor - Care Room 208	Pipe Thread Compound (at Fitting of Sprinkler Piping)	1: Off-White	3% Cellulose 97% Non-Fibrous	None Detected
16173BS20	Second Floor - Corridor	Paint 2' X 4' Ceiling Tile (large Fissures)	1: White 2: Grey	65% Cellulose 30% Non-Fibrous 5% Non-Fibrous	None Detected
16173BS21	Second Floor - Corridor	Sealant (in Exterior Metal-Framed Window)	1: Black	5% Cellulose 95% Non-Fibrous	None Detected
16173BS22	Second Floor - Corridor	Sealant (in Exterior Metal-Framed Window)	1: Black	92% Non-Fibrous	8% Chrysotile
16173BS23	Second Floor - Nurse Station	Coating (on Underside of Sink)	1: Gold	85% Non-Fibrous	15% Chrysotile
16173BS24	Second Floor - Corridor	Sealant (in Window of Interior Metal Door)	1: Black	92% Non-Fibrous	8% Chrysotile
16173BS25	Second Floor - Corridor	Paint 2' X 4' Ceiling Tile (Small Fissures)	1: White 2: Grey	65% Cellulose 30% Non-Fibrous 5% Non-Fibrous	None Detected
16173BS26	Second Floor - Sunshine Room	Sheet Flooring	1: Light Beige	100% Non-Fibrous	None Detected

Sample	Location	Description	Layer: Colour	Non-Asbestos	Asbestos
				% Type	% Type
16173BS27	Second Floor - Corridor	Paint Filling Compound on Gypsum Board (Wall)	1: White 2: White	100% Non-Fibrous	None Detected
16173BS28	Third Floor - Care Room 302	Sheet Flooring	1: Light Beige	100% Non-Fibrous	None Detected
16173BS29	Third Floor - Care Room 302	Sheet Flooring Wear Surface	2: Brown Mosaic	100% Non-Fibrous	None Detected
		Paper Backing	3: Grey	15% Cellulose 5% Non-Fibrous	80% Chrysotile
16173BS30	Third Floor - Care Room 302	Paint Filling Compound on Gypsum Board (Wall)	1: White 2: White	100% Non-Fibrous	None Detected
16173BS31	Third Floor - Care Room 302	Paint Spray Applied Texture Coat (Wall)	1: White 2: White	8% Cellulose 92% Non-Fibrous	None Detected
16173BS32	Third Floor - Care Room 302	Paint Spray Applied Texture Coat (Ceiling)	1: White 2: White	8% Cellulose 92% Non-Fibrous	None Detected
16173BS33	Third Floor - Care Room 302	Pipe Thread Compound (at Fitting of Sprinkler Piping)	1: Off-White	3% Cellulose 97% Non-Fibrous	None Detected
16173BS34	Third Floor - Care Room 302	Sealant (in Exterior Metal-Framed Window)	1: Black	5% Cellulose 95% Non-Fibrous	None Detected
16173BS35	Third Floor - Care Room 302	Cove Base	1: Green	100% Non-Fibrous	None Detected
16173BS36	Third Floor - Care Room 302	Cove Base Adhesive	2: Brown	100% Non-Fibrous	None Detected
16173BS37	Third Floor - Care Room 334	Sheet Flooring	1: Light Beige	100% Non-Fibrous	None Detected
16173BS38	Third Floor - Care Room 334	Sheet Flooring Wear Surface	2: Brown Mosaic	100% Non-Fibrous	None Detected
		Paper Backing	3: Grey	15% Cellulose 5% Non-Fibrous	80% Chrysotile
16173BS39	Third Floor - Care Room 334	Paint Filling Compound on Gypsum Board (Wall)	1: White 2: White	100% Non-Fibrous	None Detected
16173BS40	Third Floor - Care Room 334	Paint Spray Applied Texture Coat (Wall)	1: White 2: White	8% Cellulose 92% Non-Fibrous	None Detected
16173BS41	Third Floor - Care Room 334	Paint Spray Applied Texture Coat (Ceiling)	1: White 2: White	8% Cellulose 92% Non-Fibrous	None Detected
16173BS42	Third Floor - Care Room 334	Pipe Thread Compound (at Fitting of Sprinkler Piping) (Two Types Mixed)	1: Off-White & Blue	99% Non-Fibrous	1% Tremolite
16173BS43	Third Floor - Care Room 334	Sealant (in Exterior Metal-Framed Window)	1: Black	100% Non-Fibrous	None Detected

Sample	Location	Description	Layer: Colour	Non-Asbestos	Asbestos
				% Type	% Type
16173BS44	Third Floor - Care Room 334	Cove Base	1: Green	100% Non-Fibrous	None Detected
16173BS45	Third Floor - Care Room 334	Cove Base Adhesive	2: Brown	100% Non-Fibrous	None Detected
16173BS46	Second Floor - Corridor	Mastic (on Ductwork)	1: Brown	95% Non-Fibrous	5% Chrysotile
16173BS47	Second Floor - Corridor	Mastic (on Ductwork)	1: Red	100% Non-Fibrous	None Detected
16173BS48	Third Floor - Sunshine Room	Coating (on Underside of Sink)	1: White	100% Non-Fibrous	None Detected
16173BS49	Third Floor - Corridor	Paint 2' X 4' Ceiling Tile (Medium Fissures)	1: White 2: Grey	65% Cellulose 30% Glass 5% Non-Fibrous	None Detected

Analyst(s): Jesse James

Sample(s) Collected on August 29, 2016

Sample	Location	Description	Layer: Colour	Non-Asbestos	Asbestos
				% Type	% Type
16173BS50	Mechanical Penthouse - Mechanical Room	Pipe Thread Compound (at Fitting of Natural Gas Piping)	1: Light Brown	2% Cellulose 98% Non-Fibrous	None Detected
16173BS51	Mechanical Penthouse - Mechanical Room	Pipe Thread Compound (at Fitting of Natural Gas Piping)	1: Grey	2% Cellulose 98% Non-Fibrous	None Detected
16173BS52	Mechanical Penthouse - Mechanical Room	Duct Mastic (at Joint of Large Rectangular Ductwork)	1: Grey	85% Non-Fibrous	15% Chrysotile
16173BS53	Mechanical Penthouse - Mechanical Room	Textile Duct Expansion Joint (at Southwest Ductwork)	1: White	15% Non-Fibrous	85% Chrysotile
16173BS54	Mechanical Penthouse - Mechanical Room	Pipe Thread Compound (at Fitting of Natural Gas Piping)	1: Orange	100% Non-Fibrous	None Detected
16173BS55	Mechanical Penthouse - Mechanical Room	Duct Mastic (inside Supply Air Ductwork)	1: Brown	92% Non-Fibrous	8% Chrysotile
16173BS56	Mechanical Penthouse - Mechanical Room	Paint Concrete Floor Topping	1: Grey 2: Dark Grey	2% Cellulose 98% Non-Fibrous	None Detected
16173BS57	Mechanical Penthouse - Exterior	Caulking (around Metal Exhaust Vent)	1: Cream	100% Non-Fibrous	None Detected
16173BS58	Mechanical Penthouse - Exterior	Caulking (at Lower Metal Wall Flashing)	1: Grey	100% Non-Fibrous	None Detected
16173BS59	Mechanical Penthouse - Exterior	Caulking (at Lower Metal Wall Flashing)	1: Dark Grey	100% Non-Fibrous	None Detected
16173BS60	Mechanical Penthouse - Exterior	Mastic (where Rolled Shingle abuts Stucco Wall)	1: Grey	8% Cellulose 92% Non-Fibrous	None Detected

Sample	Location	Description	Layer: Colour	Non-Asbestos	Asbestos
				% Type	% Type
16173BS61	Exterior - Main Rooftop	Paint Caulking (at Joint of Metal Perimeter Flashing)	1: Brown 2: Grey	100% Non-Fibrous	None Detected
16173BS62	Mechanical Penthouse - Exterior	Firestop Putty (at Wall Penetration of Electrical Conduit)	1: Grey	75% Non-Fibrous	25% Chrysotile
16173BS63	Mechanical Penthouse - Exterior	Caulking Patch (on Stucco)	1: Black	15% Cellulose 85% Non-Fibrous	None Detected
16173BS64	Exterior - Main Rooftop	Mastic (at Joint of Rectangular HVAC Duct)	1: Grey	100% Non-Fibrous	None Detected
16173BS65	Exterior - Main Rooftop	Caulking (at HVAC Cable Penetration of Lead Roof Jack)	1: Grey	95% Non-Fibrous	5% Chrysotile

Analyst(s): Jesse James

Sample(s) Collected on September 1, 2016

Sample	Location	Description	Layer: Colour	Non-Asbestos	Asbestos
				% Type	% Type
16173BS66	Basement - Elevator Lobby	Pipe Thread Compound (at Fitting of Boiler Piping to Radiant Wall Heater)	1: Grey	1% Cellulose 99% Non-Fibrous	None Detected
16173BS67	Basement - Elevator Lobby	Cove Base	1: Brown	100% Non-Fibrous	None Detected
16173BS68	Basement - Centre Elevator Control Room	Paint Wood Filling Compound	1: White 2: White	100% Non-Fibrous	None Detected
16173BS69	Basement - Centre Elevator Control Room	Paint Wood Filling Compound	1: White 2: White	100% Non-Fibrous	None Detected
16173BS70	Basement - Centre Elevator Control Room	Paint Wood Filling Compound	1: White 2: White	100% Non-Fibrous	None Detected
16173BS71	Basement - Elevator Lobby	Firestop Putty (at Wall Penetration of Electrical Conduit)	1: Dark Brown	15% Synthetic 85% Non-Fibrous	None Detected
16173BS72	Basement - North Washroom	Firestop Grout (at Wall Penetration of Metal Rain Water Leader)	1: Grey	100% Non-Fibrous	None Detected
16173BS73	Basement - West Shower	Paint Filling Compound on Gypsum Board (Wall)	1: White 2: White	100% Non-Fibrous	None Detected
16173BS74	Basement - Parkade Entrance Foyer	Pipe Thread Compound (on Fitting of Mechanical Piping)	1: Grey	8% Cellulose 92% Non-Fibrous	None Detected
16173BS75	Basement - Parkade Entrance Foyer	Caulking (around Metal Frame of Man Door)	1: Beige	2% Cellulose 98% Non-Fibrous	None Detected
16173BS76	Basement - Electrical Room (within Parkade)	Caulking (around Metal Frame of Man Door)	1: Beige	2% Cellulose 98% Non-Fibrous	None Detected

Sample	Location	Description	Layer: Colour	Non-Asbestos	Asbestos
				% Type	% Type
16173BS77	Basement - Sprinkler Room (within Parkade)	Pipe Thread Compound (on Fitting of Mechanical Piping)	1: Beige	2% Cellulose 98% Non-Fibrous	None Detected
16173BS78	Basement - Sprinkler Room (within Parkade)	Caulking (where Wood Wall abuts Concrete Wall)	1: Grey	100% Non-Fibrous	None Detected
16173BS79	Basement - Telephone Room (within Parkade)	Firestop Putty (at Wall Penetration of Electrical Cable)	1: Grey	75% Non-Fibrous	25% Chrysotile
16173BS80	Basement - Storage Room (within Parkade)	Pipe Thread Compound (at Fitting of Sprinkler Piping)	1: Beige	2% Cellulose 98% Non-Fibrous	None Detected
16173BS81	Ground Floor - Corridor	Paint Filling Compound on Gypsum Board (Wall)	1: Cream 2: White	100% Non-Fibrous	None Detected
16173BS82	Ground Floor - General Office	Adhesive & Flooring Residue	1: Tan	3% Cellulose 97% Non-Fibrous	None Detected
16173BS82	Ground Floor - General Office	Floor Levelling Compound	1: Grey	2% Cellulose 98% Non-Fibrous	None Detected
16173BS83	Ground Floor - General Office	Insulation (within Interior Composite Wood Door)	1: Grey	2% Cellulose 98% Non-Fibrous	None Detected

Analyst(s): Brittany Ford

Sample(s) Collected on September 2, 2016

Sample	Location	Description	Layer: Colour	Non-Asbestos	Asbestos
				% Type	% Type
16173BS84	Ground Floor - Cameo Room	Paint Filling Compound on Gypsum Board (Wall)	1: Green 2: White	100% Non-Fibrous	None Detected
16173BS85	Ground Floor - Kitchen	Coating (on Underside of Sink)	1: Black	2% Cellulose 93% Non-Fibrous	5% Chrysotile
16173BS86	Ground Floor - Staff Kitchen	Sheet Flooring Wear Surface	1: Beige Mosaic	100% Non-Fibrous	None Detected
		Paper Backing	2: Beige	70% Cellulose 10% Glass 20% Non-Fibrous	None Detected
16173BS87	Ground Floor - Staff Kitchen	Sheet Flooring Wear Surface	1: Brown Mosaic	100% Non-Fibrous	None Detected
		Paper Backing	2: Beige	5% Cellulose 15% Non-Fibrous	80% Chrysotile
16173BS88	Ground Floor - Dry Storage Room	Paint Filling Compound on Gypsum Board (Wall)	1: White 2: Off-White	100% Non-Fibrous	None Detected
16173BS89	Ground Floor - Lounge Room	Paint 2' X 4' Ceiling Tile (Medium Fissures)	1: White 2: Beige	80% Cellulose 5% Glass 15% Non-Fibrous	None Detected

Sample	Location	Description	Layer: Colour	Non-Asbestos	Asbestos
				% Type	% Type
16173BS90	Ground Floor - Lounge Room	Paint 2' X 4' Ceiling Tile (Heavy Small Perforation)	1: White 2: Beige	80% Cellulose 5% Glass 15% Non-Fibrous	None Detected
16173BS91	Ground Floor - Lounge Room	Paint 2' X 4' Ceiling Tile (Heavy Large Perforation)	1: White 2: Beige	80% Cellulose 5% Glass 15% Non-Fibrous	None Detected
16173BS92a	Third Floor - Care Room 303	Pipe Thread Compound (at Fitting of Sprinkler Piping)	1: Beige	2% Cellulose 98% Non-Fibrous	None Detected
16173BS92b	Third Floor - Care Room 303	Pipe Thread Compound (at Fitting of Sprinkler Piping)	2: Blue	2% Cellulose 97% Non-Fibrous	1% Tremolite
16173BS93a	Third Floor - Care Room 305	Pipe Thread Compound (at Fitting of Sprinkler Piping)	1: Beige	2% Cellulose 98% Non-Fibrous	None Detected
16173BS93b	Third Floor - Care Room 305	Pipe Thread Compound (at Fitting of Sprinkler Piping)	2: Blue	2% Cellulose 97% Non-Fibrous	1% Tremolite
16173BS94	Ground Floor - Soiled Linen Room	Pipe Thread Compound (at Fitting of Boiler Piping)	1: Black	100% Non-Fibrous	None Detected
16173BS95	Second Floor - Care Room 237	Adhesive (on back of Insulation within Wall Radiator)	1: Grey	2% Glass 98% Non-Fibrous	None Detected

Analyst(s): Jessica Young

Sample(s) Collected on September 2, 2016

Sample	Location	Description	Layer: Colour	Non-Asbestos	Asbestos
				% Type	% Type
16173BS96	Exterior	Concrete Topping (on Concrete Floor at Southeast Man Door)	1: Grey	100% Non-Fibrous	None Detected
16173BS97	Exterior	Caulking (around Southeast Metal Exhaust Vent)	1: Brown	100% Non-Fibrous	None Detected
16173BS98	Exterior	Rubberized Coating (on Concrete Floor at East Wall)	1: Black	100% Non-Fibrous	None Detected
16173BS99	Exterior	Sealant (in Metal-Framed Sliding Glass Door at Front Entrance)	1: Black	3% Cellulose 87% Non-Fibrous	10% Chrysotile
16173BS100	Exterior	Giant Wall Brick Mortar	1: Grey	100% Non-Fibrous	None Detected
16173BS101	Exterior	Sealant (in White Metal-Framed Window)	1: Black	5% Cellulose 95% Non-Fibrous	None Detected
16173BS102	Exterior	Caulking (around Brown Metal-Framed Window)	1: Brown	100% Non-Fibrous	None Detected

Sample	Location	Description	Layer: Colour	Non-Asbestos	Asbestos
				% Type	% Type
16173BS103	Exterior	Sealant (in Brown Metal-Framed Window of Cameo Room)	1: Black	100% Non-Fibrous	None Detected
16173BS104	Exterior	Caulking (around Metal-Framed Window of Cameo Room)	2: Brown	95% Non-Fibrous	5% Chrysotile
16173BS105	Exterior	Caulking (around Metal Exhaust Vent at Centre Stairwell Exit)	1: Grey	100% Non-Fibrous	None Detected
16173BS106	Exterior	Pipe Thread Compound (at Fitting of Natural Gas Piping)	1: Grey	2% Cellulose 98% Non-Fibrous	None Detected
16173BS107	Exterior - Storage Room within Parkade Rooftop	Rolled Roofing Shingle	1: Black	80% Cellulose 20% Non-Fibrous	None Detected
16173BS108	Exterior - Storage Room within Parkade Rooftop	Mastic (where Metal Flashing abuts Concrete Wall)	1: Black	20% Cellulose 80% Non-Fibrous	None Detected
16173BS109	Exterior	Smooth Wall Stucco	1: Grey	100% Non-Fibrous	None Detected
16173BS110	Exterior	Wall Construction Paper	2: Black	99% Cellulose 1% Non-Fibrous	None Detected
16173BS111	Exterior	Wall Construction Paper	2: Brown	99% Cellulose 1% Non-Fibrous	None Detected

Analyst(s): Jessica Young



American Industrial Hygiene Association (AIHA) Bulk Asbestos Proficiency Analytical Testing (BAPAT)
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