BERSCH
CONSULTING LTD.

Hazardous Building Material Assessment
88 King Street
Saskatoon, Saskatchewan

Service Building

Storage Building

November 2017

Prepared For: **City of Saskatoon – Facilities & Fleet Division**
1101 Avenue P North
Saskatoon, SK S7L 7K6

Attention: **Hazel Fernandez**

Project No: **B67HAL01G**

BERSCH CONSULTING LTD. 244-2002 QUEBEC AVENUE, SASKATOON, SK S7K 1W4
Office: 306.978.6665 Cell: 306.222.7477 Email: brad@bersch.ca

1.0 EXECUTIVE SUMMARY

Bersch Consulting Ltd. was retained by the City of Saskatoon to conduct a hazardous building materials assessment of the property located at 88 King Street, in Saskatoon, Saskatchewan. The survey was performed by Brad Berschiminsky commencing November 15 to 24, 2017.

Summary of the Assessment

Hazardous Material	Type / Location
Asbestos Containing building material (ACM)	Asbestos containing materials were identified in the following: • Vinyl asbestos floor tile in rooms 122 Janitor, 209 Female Washroom, 210 Female Lockers and 219 Staff Lounge Storage. • Black tar coating on fiberglass insulation within the intake air duct along the north wall of room 225 Mechanical.
Lead in Paint	The lab analysis determined the lead content ranging from 280 – 3900 ppm. Paint sampling consisted of: • Red paint on doors and railing in the stairwells • Grey floor paint in 212 shower • Reddish/brown structural steel within the 2nd floor ceiling space • Reddish/brown structural steel within the shop area • Reddish/brown structural steel within the Storage Facility Referencing the U.S. EPA, a lead value of 5000 ppm is "positive" for lead in paint. Regardless of the lead concentration depending on the nature of the work, even a small amount could pose a risk to workers.
Mold	Surface testing for mold was performed categorized as "rare". Visual observations of water staining.
Polychlorinated biphenyls (PCBs)	Light ballasts throughout the main level Service Building are suspect to contain PCBs.
Mercury	Mercury vapour is present in the fluorescent light tubes throughout the building.
Battery acid	The surface of the sink, cupboard and shelving along the east side of the Battery Storage Room 119 is damaged from acid deposits.
Diesel and Oil	Select sump/pit areas, 120 Hoist Equipment Room, 107 Machine Shop and 106 Bulk Storage Room contain deposits of diesel on floor and equipment surfaces.

1.1 Recommendation Summary

1. Removal of the floor tile as a priority 2 in the main floor Janitor Room 122 is recommended. Two broken tiles are present. The other 2 locations of floor tile are in good condition. The tar coating the fiberglass within the intake air plenum is in good condition. These materials shall be managed as part of the asbestos management plan.

2. Recycle mercury fluorescent light tubes when decommissioning in accordance with the provincial requirements.

3. Although the paint samples resulted in levels below the value of 5000 parts per million (ppm) of which the U.S. Environmental Protection Agency (EPA) considers the value positive for lead, the nature of work conducted on paint surfaces must be taken into consideration to determine whether specific controls and personal protective equipment is required.

4. Handle and dispose of PCB containing capacitors within the fluorescent light ballasts when decommissioning as per the provincial requirements.

5. Prepare specifications for hazardous material removal. The specifications should include the scope of work, safe work practices, risk assessments and personal protective equipment requirements.

Table of Contents

1.0 INTRODUCTION

Bersch Consulting Ltd. was retained by the City of Saskatoon to conduct a Hazardous Building Material Assessment of the Service Building and Storage Building located at 88 King Street in Saskatoon, Saskatchewan. The survey entailed the inspection of all accessible areas of the buildings; including ceiling spaces, crawl spaces, pipe chases and attics to assess the hazardous materials throughout.

The survey was performed by Brad Berschiminsky on November 15 to 24, 2017. The hazardous materials included:

- Asbestos containing materials (ACM)
- Lead in paints and coatings
- Mold
- Polychlorinated biphenyls (PCB)
- Mercury
- Battery Acid
- Oil & Diesel Deposits

This report gives a detailed account of the inspection results and our firm's recommendations on control options to manage the hazardous materials.

2.0 METHODOLOGY

A room-by-room visit was conducted to identify the hazardous materials. The survey was inclusive of concealed conditions behind walls, wall cavities, ceilings spaces and service access panels.

Bulk samples were collected, and visual observations of the materials was performed. Samples collected were representative of similar material observed throughout both building. A review of this report shall be conducted with all trades that are entering the facility to perform maintenance or renovation activity. This will ensure they are familiar with the types and locations of hazardous materials present and prevent any uncontrolled disturbance and/or possible exposure.

Materials excluded:

- Buried material or equipment – tanks, pipes vessels or similar materials
- The plaster / skim coat on the walls of the 2nd floor – 212 and 215 shower rooms was not tested due to the destructive testing it would involve. Testing of this material is recommended prior to renovations to the area.
- Fire-Door Cores

The primary documents for guidance and criteria in this survey were the Province of Saskatchewan "Occupational Health and Safety Act and Regulations, 1996", Province of Saskatchewan "Managing Asbestos", the U.S. Environmental Protection Agency "Guidance for Controlling Asbestos-Containing Materials in Buildings", "Safe Work Practices for Handling Lead, 2017, WorkSafeBC" Province of British Columbia, "Guidelines for the Identification of PCBs and Materials Containing PCBs, 1999", UN Environment Program. The New York City Department of Health and Mental Hygiene. (2005). Guidelines on Assessment and Remediation of Fungi in Indoor Environments. Fungi in indoor environments: Environment and Occupational Disease Epidemiology: NYC DOHMH. MidAtlantic Environmental Hygiene Resource Center. (2001). "Investigating, Sampling, Identifying and Assessing Biological and Microbiological Contamination in the Indoor Environment." MidAtlantic Environmental Hygiene Resource Center. (2001). "Developing, Remediation Strategy and Writing Specifications for a Building Mold Remediation Project."

The U.S. EPA document identifies factors associated with the "condition" and the "potential for disturbance or erosion" of asbestos-containing materials (ACM). These factors help to determine the potential for exposure to ACM and were used to make a qualitative evaluation of the material.

It should be noted that the recommendation of "Management" Asbestos Abatement Action is based on the premise that renovations are not scheduled in that area that will require disturbing or violating the asbestos containing material. If renovations are scheduled that impact upon the areas of asbestos containing material, then pre-removal of the asbestos containing materials may be necessary.

In total, seventy-five (75) bulk samples of suspect asbestos-containing materials were collected throughout the buildings. "Chrysotile Asbestos" was identified in three (3) of the samples collected. Refer to **Appendix I** for a copy of the **Bulk Sample Analysis Report**. There were a series of bulk samples collected during different intervals. The bulk analysis of the samples collected were partially analyzed by Bersch Consulting Ltd. and EMSL's laboratory in accordance with the current USEPA 600/R-93/116 Method for the analysis of asbestos in building materials using polarized light microscopy and dispersion staining techniques.

3.0 BUILDING BACKGROUND INFORMATION

3.1 SERVICE BUILDING

Construction Date	1982
Number of Floors	2
Use and Size of Building	Maintenance and Office Approx. 49,000 ft^2
Structure	Structural Steel, Concrete
Exterior	Brick, Concrete Block and Cladding
Roof	Flat Rolled – Replaced in 2006/2007
Flooring	Vinyl Tile, Vinyl Sheet,Concrete,Carpet
Interior Walls	Plaster, Concrete Block, Drywall
Ceilings	Acoustic Ceiling Tiles, Drywall, Q-Deck – Spray-Applied Fireproofing

3.2 STORAGE BUILDING

Construction Date	1982
Number of Floors	1
Use and Size of Building	Equipment Storage Approx. 19,400 ft^2
Structure	Structural Steel
Exterior	Metal Cladded / Fiberglass Insulation
Roof	Metal Cladded
Flooring	Concrete
Interior Walls	Metal Liner, Drywall Structure East Side
Ceilings	Metal Liner

3.3 ADDITIONAL INFORMATION

The owner's representative indicated the Service Building roof was replaced in 2006 or 2007. Interior renovations to the 2nd Level Washrooms was conducted in 2013.

The exterior of the Service Building consists of brick installed on the lower portion of the building in front of concrete block. Vermiculite was not observed in the block cavity or cold space between the exterior brick and the block wall. Many areas of the block cavity were observed through existing penetrations and various areas along the block walls were cored into to examine for the presence of vermiculite insulation.

The exterior of the Storage Building consists of metal cladding and fiberglass insulation.

City of Saskatoon door jamb labels are applied to all doorjambs of rooms containing asbestos. This permits anyone accessing the room to easily identify the ACM present without having to reference the written report. Employees and contractors must be informed of the presence of asbestos and the use of the labeling system as a reference to identify ACM within the areas they are working.

The various types of accessible ACM within the facility have been clearly identified on the floor plan to eliminate the uncertainty of asbestos content.

NOTE: **Areas, which are inaccessible at this time, shall be considered to contain asbestos material until bulk sampling determines otherwise. Prior to any renovation/demolition activity, a destructive investigation may be required to identify any inaccessible ACM that is physically concealed or isolated. Materials such as the following, may require more extensive destructive testing to determine the presence/absence of Asbestos:**

- **Block Wall Insulation (Vermiculite) –** Potential locations for this type of insulation are within Attics, Walls and Block Wall Cavities.
- **Drywall Mud Compound -** At joints and nail/screw holes on drywall.
- **Pipefitting Mud Compound –** Potential locations are on elbows, T's, hangers, and valves on mechanical piping in concealed areas.
- **Floor Covering** – Various layers may be present beneath the existing floor covering.

4.0 RECOMMENDATIONS:

.1 **Asbestos -** Throughout the survey of the buildings, the Asbestos Containing Materials were assessed and given a Priority Rating of One, Two or Three, with Priority One being the items requiring the most immediate attention. As a result, one (1) Priority Two item was identified and three (3) priority 3 items. Future planning should begin to address these areas as per the recommendations provided in the attached **Asbestos Survey Database** found in ***Appendix II*****.** Priority Ratings for all other ACM identified is also found in the database on a room-by-room account. Any asbestos materials that will remain in the Service Building will be managed as part of the Asbestos Management Plan. The plan should include; a current inventory, surveillance program, awareness and worker training, safe work procedures and labelling. The rooms containing asbestos materials are: 122, 209, 210, 219 and 225.

.2 **Mercury** - The disposal of fluorescent light tubes containing mercury when decommissioned, must be conducted in accordance with provincial requirements.

.3 **PCB -** Light ballasts throughout the main level Service Building are suspect to contain PCBs. Handle and dispose of PCB containing capacitors within the fluorescent light ballasts when decommissioning as per the provincial requirements.

.4 **Mold** – Visible mold was not observed.

.5 **Diesel/Oil/Battery Acid** - Spill residuals and debris of diesel, oil and battery acid must be conducted in accordance with provincial requirements. The rooms identified, aside from floor pits include: 106, 107, 119 and 120.

.6 **Lead** - Although the lead concentrations of various coatings resulted in lead concentration levels below what the U.S. EPA considers positive for lead (5000 mg/kg), a risk assessment must determine what control measures will be implemented during the removal or disturbance of any paint containing more than 90 mg/kg. Welding, burning and torch cutting of surfaces on steel that is coated with paint or coatings containing as little as 130 mg/kg lead, can release airborne levels of lead as high as 0.8 mg/m^3 (16 times the exposure limit). The control measures and respiratory protection required for working with lead paints and coatings will be determined by the risk level assigned to specific work activity.

.7 The hazardous materials must be safely contained, handled or removed in accordance with all federal and provincial regulations if renovation activity will disturb the material.

.8 Prepare specifications for hazardous material removal. The specifications should include the scope of work, safe work procedures, risk assessments and personal protective equipment requirements.

.9 Retain a qualified consultant to provide the specification, inspections and confirm the project completion upon removal of the hazardous materials.

5.0 ASBESTOS ABATEMENT DISCUSSION

Asbestos is a known carcinogen and is listed in the Province of Saskatchewan under the Occupational Health and Safety Regulations Appendix, Table 20 as a Designated Hazardous Chemical Substance and any release of asbestos fibres into the atmosphere creates a potential health hazard. Although the mechanism and epidemiology of asbestos carcinogenesis are not yet well defined, accumulating evidence suggests the significance of exposure at even very low fibre concentrations and hence human exposure should be kept to a minimum. It should be noted however, that asbestos is a natural mineral and a measurable background concentration can be detected in any location sampled (inside buildings, outside buildings, urban, rural, etc.). The recommendations of the report are therefore intended to keep the potential exposure to an absolute minimum with the knowledge that a zero exposure is not possible.

Asbestos containing materials have been used in a wide variety of applications. Of concern is the group of so-called friable products. A friable product is one that can be crumbled or reduced to powder or smaller fragments by hand pressure. Publications from the U.S.E.P.A. as early as 1977 have indicated the potential hazard of asbestos exposure in buildings containing these friable products. The two main uses of friable asbestos products are as spray insulation (thermal, acoustic or fireproofing) on deck and/or beams or as thermal insulation on piping or mechanical equipment. A large amount of non-friable asbestos-containing materials have also been used in building construction such as asbestos cement board and asbestos containing vinyl flooring.

The mere presence of a friable asbestos-containing material does not imply that there is an actual presence of elevated airborne fibre. As numerous studies have indicated, elevated asbestos fibre levels are generally found when settled dust or the actual asbestos containing material itself is disturbed by maintenance, renovation, inadvertent contact or vibration. The factors considered in the Environmental Protection Agency (USEPA) exposure assessment (condition of material, water

damage, activity, movement, exposed surface area, accessibility, friability and presence in an air stream) often give some indication of the likelihood of fibre release but are not in any way definitive in determining whether a hazard exists or not.

That is, even if the most friable product exists in a building, elevated fibre levels will not likely occur unless there is some disturbance by physical contact, vibration or an air stream.

There are four possible approaches to control exposure to airborne asbestos once a friable material is identified in a building. These methods briefly are as follows:

A) Removal - Asbestos material is removed and disposed of by burial and replaced by non-asbestos materials.

B) Encapsulation - Asbestos material is coated with a bridging or penetrating sealant.

C) Enclosure - Asbestos containing materials are separated from the building environment by barriers such as suspended ceilings or cladding materials.

D) Deferred Action or Management and Custodial Control - The Province of Saskatchewan Human Resources, Labor and Employment Branch under the Occupational health and Safety Regulations publish a document outlining "The Management of Asbestos". In the guide for compliance, an action plan is outlined for management of the asbestos materials identified and in summary is:

1. Identification, which has been accomplished by this report.

2. Development of Written Handling Procedures for maintenance personnel or often arrangements are made for a qualified contractor to conduct the necessary removal or spot maintenance prior to the regular staff conducting maintenance.

3. Asbestos Abatement Awareness and Process Training if the regular maintenance personnel are required to conduct asbestos-related activities.

4. Inspection on regular basis is conducted to determine the ongoing condition of the material. Sask. Occupational Health & Safety Regulations require an "annual" inspection of all "friable" asbestos materials by a competent person.

In the event renovations or maintenance is performed within areas containing asbestos materials, written procedures must be developed to conduct the activity or prior removal if the situation warrants.

6.0 REFERENCES

.1 Province of Saskatchewan "The Occupational Health and Safety Act and The Occupational Health and Safety Regulations" Office Consolidation, May 1996.

.2 Province of Saskatchewan Human Resources, Labor, and Employment "The Management of Asbestos" January 1991.

.3 USEPA, 1985. U.S. Environmental Protection Agency, "Guidance for Controlling Asbestos-Containing Materials in Buildings". Washington, DC: Office of Toxic Substances, USEPA.

.4 Midwest Centre for Occupational Health & Safety St. Paul's, Minnesota – Asbestos Training for Inspectors & Management Planners.

.5 McCrone Research Institute Course Hayward California "Asbestos Identification".

.6 Environment Management and Protection Act, Saskatchewan Environment, October 2002.

.7 Hazardous Substances and waste Dangerous Goods Regulations, Saskatchewan Environment, April 1989

.8 The New York City Department of Health and Mental Hygiene. (2005). Guidelines on Assessment and Remediation of Fungi in Indoor Environments. Fungi in indoor environments: Environment and Occupational Disease Epidemiology: NYC DOHMH.

.9 MidAtlantic Environmental Hygiene Resource Center. (2001). "Investigating, Sampling, Identifying and Assessing Biological and Microbiological Contamination in the Indoor Environment."

.10 MidAtlantic Environmental Hygiene Resource Center. (2001). "Developing, Remediation Strategy and Writing Specifications for a Building Mold Remediation Project."

.11 2017 Workers' Compensation Board of British Columbia "Safe Work Practices for Handling Lead".

.12 The Canada Consumer Product Safety Act (CCPSA)., Surface Coating Materials Regulations.–http://laws-lois.justice.gc.ca/eng/regulations/S0R-2005-09/FullText.html.

.13 Government of Saskatchewan – Advanced Education, Employment & Labour; "PCBs in Light Ballasts" on-line web page.

APPENDIX I

HAZARDOUS MATERIAL ANALYSIS

Appendix I – 1: Asbestos

March 26, 2021

City of Saskatoon
1101 Avenue P North
Saskatoon, SK
S7L 7K6

ATTENTION: Tanner Huynink

SUBJECT: Site Assessment – 88 King Street

On March 23, 2021, Kim Power of Bersch Consulting Ltd. conducted a site visit at 88 King Street, Saskatoon, Saskatchewan to investigate the potential presence of vermiculite within the metal clad wall located above the overhead doors prior to installing an overhead sensor onto the exterior wall. Due to the specified location of concern being difficult to access, the adjacent wall, of the same or similar material, was investigated. The investigation consisted of coring into the metal clad wall to determine whether there was vermiculite in the wall cavity. No vermiculite was identified within the wall examined; therefore, no bulk samples were collected.

Based on the site investigation there are no asbestos concerns regarding the installation of sensors above the overhead doors on the building located at 88 King Street, Saskatoon, Saskatchewan. Contractors should still proceed with caution when drilling into the walls.

Please refer to ***Appendix I*** for Site Photos.

If any questions arise on the results of the attached information, please contact our office at (306) 978-6665. Thank you for this opportunity of service.

Sincerely,

Kim Power
Bersch Consulting Ltd.
B67SAC23K – 88 King Street

Appendix I

Site Photos

Photo ID

B67PRC23K – 001

Description

South Exterior Wall above Overhead Door.

Photo ID

B67PRC23K – 002

Description

Interior Wall on South Side of Building

Metal Clad Wall above Overhead Doors.

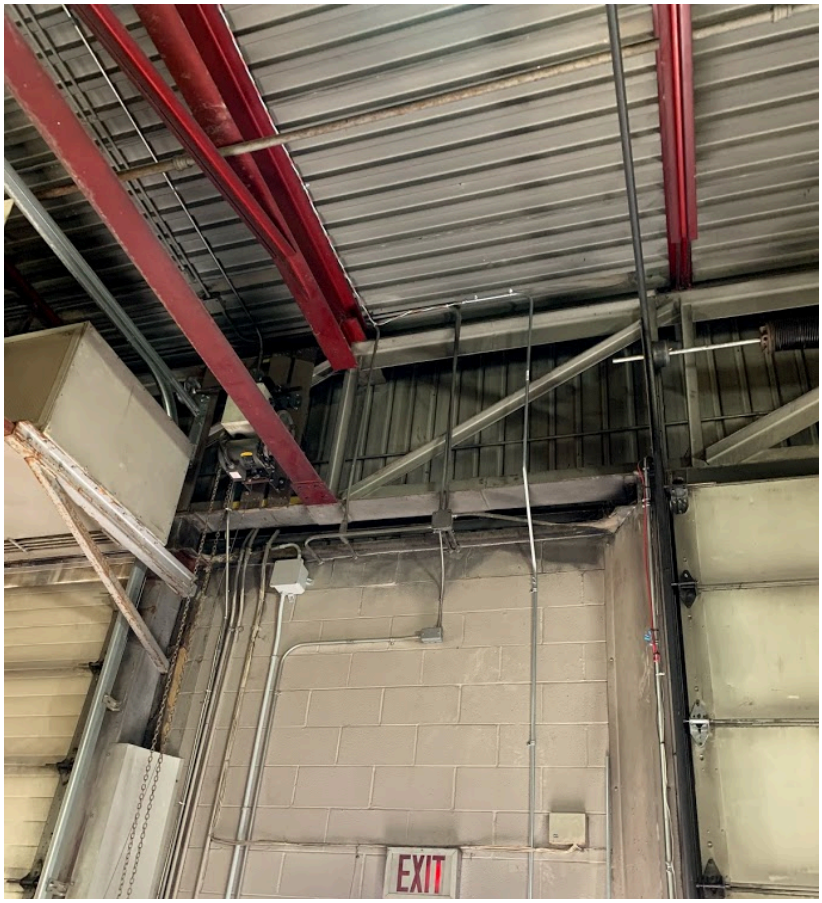


Photo ID

B67PRC23K - 003

Description

Interior Wall on West Side of Building

Fiberglass Insulation Found Within the Wall Cavity

Photo ID

B67PRC23K – 004

Description

Interior Wall on the West Side of Building

Fiberglass Insulation within Wall Cavity of Metal Clad

Bersch Consulting Ltd.

July 16, 2018

The City of Saskatoon
222 3rd Avenue North
Saskatoon, SK
S7K 0J5

ATTENTION: Rob Tomiyama

SUBJECT: Bulk Sample Analysis Report

Please find attached the laboratory results for the bulk samples collected July 11, 2018 from 88 King Street, Saskatoon, Sk. The samples were analyzed for the identification of asbestos. Asbestos **was not** detected within the samples.

The results for the samples submitted were obtained by examination in accordance with the current USEPA 600/R-93/116 Method for the analysis of asbestos in building materials using polarized light microscopy and dispersion staining techniques. The detection limit of this method is listed as less than 1% by volume.

This test report relates only to the materials sent for examination and any use or extension of the information by the client of these results is the responsibility of the client.

If any questions arise on the results of the attached information, please contact our office. Thank you for this opportunity of service.

Sincerely,

Evan Westad
Bersch Consulting Ltd.
B67BLG11H

Bulk Sample Analysis Report

July 16, 2018

Project Number: B67.18

Client: City of Saskatoon

Contact: Rob Tomiyama

Location: 88 King Street

File Number: B67BAG11H

Sample Number	Sample Date	Sample Material	Sample Location and Information	Asbestos	%	Analyst
1	2018/07/11	Floor Tile - Mastic	Room 209/210	No Asbestos Detected		EMSL
2	2018/07/11	Tile Grout	Room 210 Shower Room	No Asbestos Detected		EMSL
3a	2018/07/11	Plaster – Skim Coat	Room 213/215 Shower Room Plaster Compilation Sample	No Asbestos Detected		EMSL
3b	2018/07/11	Plaster – Base Coat 1	Room 213/215 Shower Room Plaster Compilation Sample	No Asbestos Detected		EMSL
3c	2018/07/11	Plaster – Base Coat 2	Room 213/215 Shower Room Plaster Compilation Sample	No Asbestos Detected		EMSL
4	2018/07/11	Floor Tile - Mastic	Room 219 Pantry	No Asbestos Detected		EMSL

Note: The results for the samples submitted were obtained by examination in accordance with the current USEPA 600/R-93/116 Method for the analysis of asbestos in building materials using polarized light microscopy and dispersion staining techniques. The detection limit of this method is listed as less than 1% by volume.

Sample Number	Sample Date	Sample Material	Sample Location and Information	Asbestos	%	Analyst
5	2018/07/11	Floor Tile – Mastic/Leveling Compound	Room 127	No Asbestos Detected		EMSL

Note: The results for the samples submitted were obtained by examination in accordance with the current USEPA 600/R-93/116 Method for the analysis of asbestos in building materials using polarized light microscopy and dispersion staining techniques. The detection limit of this method is listed as less than 1% by volume.

BERSCH
CONSULTING LTD.

December 5, 2017

City of Saskatoon
1101 Avenue P North
Saskatoon, SK
S7L 7K6

ATTENTION: Hazel Fernandez

SUBJECT: Bulk Sample Asbestos Analysis

Brad Berschiminsky of Bersch Consulting Ltd. collected various samples as part of the hazmat requirement, to determine the presence/absence of asbestos content. Twenty-three (23) samples were collected and analyzed for the identification of asbestos in November 2017. Asbestos **was** detected in the samples.

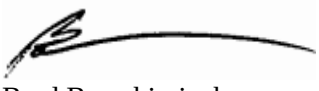
The results for the bulk samples were obtained by examination in accordance with the current USEPA 600/R-93/116 Method for the analysis of asbestos in building materials using polarized light microscopy and dispersion staining techniques. The detection limit of this method is listed as less than 1% by volume.

This test report relates only to the materials sent for examination and any use or extension of the information by the client of these results is the responsibility of the client.

If any questions arise on the results of the attached information, please contact our office.

Thank you for this opportunity of service!

Sincerely,



Brad Berschiminsky
Bersch Consulting Ltd.

File: B67BLK23G king st

BERSCH CONSULTING LTD.
244-2002 Quebec Avenue
Saskatoon, SK S7K 1W4

B67BAK16G

BULK SAMPLE ANALYSIS REPORT

PROJECT NO: B67.17
CLIENT: CITY OF SASKATOON
CONTACT: HAZEL FERNANDEZ
LOCATION: 88 KING STREET - MAINTENANCE BUILDING

NO.	DATE	SAMPLE INFORMATION	ASBESTOS	%	ANALYST
1	16-Nov-17	Rm 203, 206, 221, 222 - Drywall Mud Compound Compilation Wall Sample.	No Asbestos Detected		EMSL
2	16-Nov-17	Rm 203 - 2' X 4' Two-Hole Pattern Ceiling Tile.	No Asbestos Detected		EMSL
3	16-Nov-17	Rm 218 - Staff Lounge Drywall Mud Compound Compilation Wall Sample.	No Asbestos Detected		EMSL
4	16-Nov-17	Rm 218 - Staff Lounge 2' X 4' Two-Hole Pattern Ceiling Tile.	No Asbestos Detected		EMSL
5	16-Nov-17	Rm 210 - 1' X 1' White w Grey Streak Floor Tile.	Chrysotile	3	EMSL
6	16-Nov-17	Rm 225 - Vibration Gasket on S.A. S-1 Where the Air Handling Unit Attaches to the Duct.	No Asbestos Detected		WB
7	16-Nov-17	Rm 225 - Mechanical Room - Black Tar Coating Within the S.A. Fan S-1 Intake Air Along the North Wall.	Chrysotile	4	EMSL
8	16-Nov-17	2E - Spray-Applied Fireproofing on the Structural Steel and Q-Deck Throughout the Elevator Shaft.	No Asbestos Detected		EMSL
9	21-Nov-17	Rm 219 - 1' X 1' White w Faint Brown/Grey Streak Floor Tile.	Chrysotile	2	EMSL
10	21-Nov-17	Rm 212 - Drywall Mud Compound Compilation Wall Sample Within Locker Room.	No Asbestos Detected		EMSL

BERSCH CONSULTING LTD.
244-2002 Quebec Avenue
Saskatoon, SK S7K 1W4

B67BAK16G

BULK SAMPLE ANALYSIS REPORT

PROJECT NO: B67.17
CLIENT: CITY OF SASKATOON
CONTACT: HAZEL FERNANDEZ
LOCATION: 88 KING STREET - MAINTENANCE BUILDING

NO.	DATE	SAMPLE INFORMATION	ASBESTOS	%	ANALYST
11	21-Nov-17	Rm 214 - 2' X 4' Two-Hole Pattern Ceiling Tile.	No Asbestos Detected		EMSL
12	23-Nov-17	Rm 213 - Carpet, Yellow Adhesive on the Slab Surface.	No Asbestos Detected		EMSL
13	23-Nov-17	Rm 214 - Concrete Block Mortar in the Ceiling Space in the Northeast Corner Surrounding the Stairwell.	No Asbestos Detected		WB
14	23-Nov-17	Corridor 216 Adjacent Room 215 - Drywall Mud Compound on Walls Within the Ceiling Space.	No Asbestos Detected		EMSL
15	23-Nov-17	Rm 217 - 1' X 1' Beige w Grey Brush Marks.	No Asbestos Detected		EMSL
16	23-Nov-17	Rm 119 - Black Composite Sink	No Asbestos Detected		WB
17	23-Nov-17	Rm 108 - Concrete Floor at Column Adjacent 121.	No Asbestos Detected		WB
18	23-Nov-17	Rm 115 the Base of the 18-Inch Vertical Duct in the Northwest Corner Adjacent Opening in Wall to 114.	No Asbestos Detected		WB
19	23-Nov-17	Rm 125 - Drywall Mud Compound Compilation Ceiling Sample.	No Asbestos Detected		EMSL

BERSCH CONSULTING LTD.
244-2002 Quebec Avenue
Saskatoon, SK S7K 1W4

B67BAK16G

BULK SAMPLE ANALYSIS REPORT

PROJECT NO: B67.17
CLIENT: CITY OF SASKATOON
CONTACT: HAZEL FERNANDEZ
LOCATION: 88 KING STREET - MAINTENANCE BUILDING

NO.	DATE	SAMPLE INFORMATION	ASBESTOS	%	ANALYST
20	23-Nov-17	Rm 122 - 1' X 1' White w Faint Grey Streak Floor Tile.	Chrysotile	3	EMSL
21	23-Nov-17	Rm 111 - Medium Overhead DCW Pipeline Fitting on the East Wall Adjacent the Coach Drain Pump.	No Asbestos Detected		WB
22	23-Nov-17	Rm 111 - Concrete Slab in the Westmost Pit at the Surface Adjacent the Grating.	No Asbestos Detected		WB
23	23-Nov-17	2nd Floor B Stairwell - Blue Anti-Slip Flooring with Raise Square Pattern on the Floor.	No Asbestos Detected		WB

BERSCH CONSULTING LTD.
244-2002 Quebec Avenue
Saskatoon, SK S7K 1W4

B67BAK23G

BULK SAMPLE ANALYSIS REPORT

PROJECT NO: B67.17
CLIENT: CITY OF SASKATOON
CONTACT: HAZEL FERNANDEZ
LOCATION: 88 KING STREET - STORAGE FACILITY

NO.	DATE	SAMPLE INFORMATION	ASBESTOS	%	ANALYST
1	23-Nov-17	Drywall Mud Compound on Room Constructed on the East Interior of the Building.	No Asbestos Detected		EMSL

BERSCH & ASSOCIATES LTD.

March 07, 2014

City of Saskatoon
1101 Avenue P North
Saskatoon, SK
S7L 7K6

ATTENTION: Hazel Fernandez

SUBJECT: Bulk Sample Analysis Report

Please find attached the laboratory results for the bulk analysis of the samples collected throughout the STC Maintenance and Storage Buildings located in Saskatoon, SK. The samples were analyzed in our laboratory for the identification of asbestos.

The results for the bulk samples were obtained by examination in accordance with the current USEPA 600/R-93/116 Method for the analysis of asbestos in building materials using polarized light microscopy and dispersion staining techniques. The detection limit of this method is listed as less than 1% by volume.

This test report relates only to the materials sent for examination and any use or extension of the information by the client of these results is the responsibility of the client. If any questions arise on the results of the attached information please contact me at 306 222 7477. Thank you for this opportunity of service!

Sincerely,

Brad Berschiminsky
Bersch & Associates Ltd.
File: B03BLC07

Bersch & Associates Ltd.
Box 3568
Humboldt, Sask. S0K 2A0

B03BAC07

BULK SAMPLE ANALYSIS REPORT

PROJECT NO. B03.14
CLIENT: Saskatchewan Transportation Co.

Location: STC Maintenance - 88 King Street, Saskatoon, SK.

NO.	DATE	SAMPLE INFORMATION	ASBESTOS	%	ANALYST
1	7-Mar-14	Upper Floor Boiler Room -Boiler exhaust breaching	None detected		WB
2	7-Mar-14	Upper Floor Boiler Room -Pipeline fitting on DCW line at the south end of hot water tank	None detected		WB
3	7-Mar-14	Upper Floor Boiler Room -Pipeline fitting on small DHWR line	None detected		WB
4	7-Mar-14	Upper Floor Boiler Room -Mud compound on medium HWR line at hanger adjacent to south wall	None detected		WB
5	7-Mar-14	Upper Floor Boiler Room -Pipeline fitting on small DHW tank at south wall	None detected		WB
6	7-Mar-14	Upper Floor Boiler Room -Pipeline fitting on medium overhead HWS line at north end of storage tank	None detected		WB
7	7-Mar-14	Upper Floor Boiler Room -Medium glycol line adjacent converter adjacent to east wall	None detected		WB

Bersch & Associates Ltd.
Box 3568
Humboldt, Sask. S0K 2A0

B03BAC07

BULK SAMPLE ANALYSIS REPORT

PROJECT NO. B03.14
CLIENT: Saskatchewan Transportation Co.

Location: STC Maintenance - 88 King Street, Saskatoon, SK.

NO.	DATE	SAMPLE INFORMATION	ASBESTOS	%	ANALYST
8	7-Mar-14	Upper Floor Boiler Room -Mud compound on converter tank adjacent to east wall	None detected		WB
9	7-Mar-14	Upper Floor Boiler Room -Lineal pipeline insulation on medium HWS line at south end of boiler	None detected		WB
10	7-Mar-14	Upper Floor Boiler Room -Insulation on ducting above Supply Fan S-1	None detected		WB
11	7-Mar-14	Upper Floor Boiler Room -Drywall mud compound on ceiling	None detected		WB
12	7-Mar-14	Battery Room - Pipeline fitting on small overhead DWC line	None detected		WB
13	7-Mar-14	Battery Room -Fireproofing	None detected		WB
14	7-Mar-14	Tire Room -Pipeline fitting on small DHW line	None detected		WB

Bersch & Associates Ltd.
Box 3568
Humboldt, Sask. S0K 2A0

B03BAC07

BULK SAMPLE ANALYSIS REPORT

PROJECT NO. B03.14
CLIENT: Saskatchewan Transportation Co.

Location: STC Maintenance - 88 King Street, Saskatoon, SK.

NO.	DATE	SAMPLE INFORMATION	ASBESTOS	%	ANALYST
15	7-Mar-14	Tire Room -Pipeline fitting on medium DCW line	None detected		WB
16	7-Mar-14	Tire Room -Pipeline fitting on small DHWR line	None detected		WB
17	7-Mar-14	Tire Room -Fireproofing	None detected		WB
18	7-Mar-14	Welding Room -Pipeline fitting on small HWR line	None detected		WB
19	7-Mar-14	Welding Room -Pipeline fitting on small HWR line on north wall	None detected		WB
20	7-Mar-14	Body Shop -Pipeline fitting on small DCW line adjacent north wall	None detected		WB
21	7-Mar-14	Welding Room -Fireproofing on north wall	None detected		WB

Bersch & Associates Ltd.
Box 3568
Humboldt, Sask. S0K 2A0

B03BAC07

BULK SAMPLE ANALYSIS REPORT

PROJECT NO. B03.14
CLIENT: Saskatchewan Transportation Co.

Location: STC Maintenance - 88 King Street, Saskatoon, SK.

NO.	DATE	SAMPLE INFORMATION	ASBESTOS	%	ANALYST
22	7-Mar-14	Manual Wash Bay -Pipeline fitting at north wall	None detected		WB
23	7-Mar-14	Machine Shop -Pipeline fitting on small DHW line adjacent to storage room	None detected		WB
24	7-Mar-14	Machine Shop -Pipeline fitting on small DCW line adjacent to oil storage	None detected		WB
25	7-Mar-14	Parts Department - Pipeline fitting adjacent to overhead heating unit on north wall	None detected		WB
26	7-Mar-14	Repair Room -Pipeline fitting on DCW line adjacent to 2nd bay from east	None detected		WB
27	7-Mar-14	Repair Room -Pipeline fitting on DHW line adjacent to 2nd bay from east	None detected		WB
28	7-Mar-14	Minor Repair Wash Area -Pipeline fitting on small DCW line	None detected		WB

Bersch & Associates Ltd.
Box 3568
Humboldt, Sask. S0K 2A0

B03BAC07

BULK SAMPLE ANALYSIS REPORT

PROJECT NO. B03.14
CLIENT: Saskatchewan Transportation Co.

Location: STC Maintenance - 88 King Street, Saskatoon, SK.

NO.	DATE	SAMPLE INFORMATION	ASBESTOS	%	ANALYST
29	7-Mar-14	Minor Repair Shop -Pipeline fitting on small DCW line adjacent to manual wash	None detected		WB
30	7-Mar-14	Minor Repair Shop -Large roof drain fitting adjacent to west wall, straight in from corridor entry	None detected		WB
31	7-Mar-14	Minor Repair Shop -Pipeline fitting on small DCW line adjacent to west wall, straight in from corridor	None detected		WB
32	7-Mar-14	Minor Repair Shop -Duct insulation in center of shop area	None detected		WB
33	7-Mar-14	Mechanical / Electrical room -Pipeline fitting on medium HWR line overhead adjacent to south wall	None detected		WB
34	7-Mar-14	Mechanical / Electrical room -Pipeline fitting on medium HWS line overhead adjacent to south wall	None detected		WB
35	7-Mar-14	Mechanical / Electrical room -Pipeline fitting on small DCW line overhead adjacent to south wall	None detected		WB
36	7-Mar-14	Mechanical / Electrical room -Fireproofing on ceiling	None detected		WB

Bersch & Associates Ltd.
Box 3568
Humboldt, Sask. S0K 2A0

B03BAC07

BULK SAMPLE ANALYSIS REPORT

PROJECT NO. B03.14
CLIENT: Saskatchewan Transportation Co.
Location: Storage Facility - 88 King Street, Saskatoon, , SK.

NO.	DATE	SAMPLE INFORMATION	ASBESTOS	%	ANALYST
1	7-Mar-14	Pipeline fitting on small line overhead 3rd bay from west	None Detected		WB
2	7-Mar-14	Lineal pipeline insulation overhead 3rd bay from west	None Detected		WB
3	7-Mar-14	Fire-stop material at pipe penetrations into lower west wall adjacent compressor	None Detected		WB
4	7-Mar-14	Pipeline fitting on small line in the middle of bay 9 overhead	None Detected		WB
5	7-Mar-14	Pipeline fitting on small line overhead adjacent west wall	None Detected		WB

BERSCH & ASSOCIATES LTD.

October 15, 2013

City of Saskatoon
1101 Avenue P North
Saskatoon, Sask.
S7L 7K6

ATTENTION: Hazel Fernandez

SUBJECT: Bulk Material Identification Report

Please find attached our laboratory's results for the bulk samples collected on October 1, 2013 from the proposed renovation area within your facility. The samples were forwarded to our Laboratory for the identification of asbestos. Asbestos was not detected in any samples.

The results for the bulk sample submitted were obtained by examination in accordance with the current USEPA 600/R-93/116 Method for the analysis of asbestos in building materials using polarized light microscopy and dispersion staining techniques. The detection limit of this method is listed as less than 1% by volume.

This test report relates only to the materials sent for examination and any use or extension of the information by the client of these results is the responsibility of the client.

If any questions arise on the results of the attached information please contact me at 306 222-7477 or email. Thank you for this opportunity of service!

Sincerely,

Brad Berschiminsky
Bersch & Associates Ltd.
File: B03BLJ01

Bersch & Associates Ltd.
Box 3568
Humboldt, Sask. S0K 2A0

B03BAJ01

BULK SAMPLE ANALYSIS REPORT

PROJECT NO. B03.13
CLIENT: SASKATCHEWAN TRANSPORTATION COMPANY
LOCATION: 88 KING STREET, SASKATOON, SK.

NO.	DATE	SAMPLE INFORMATION	ASBESTOS	%	ANALYST
1	1-Oct-2013	107 Main Level Machine Shop - Spray-applied fireproofing on ceiling and trusses	None detected		WB
2	1-Oct-2013	107 Main Level Machine Shop - Domestic water lines, compilation of the mud compound on the pipeline fittings along the ceiling adjacent the Bus Garage Doors	None detected		WB
3	1-Oct-2013	Room 108 Parts Dept. - Drywall mud compound at the ceiling patch above the 121 Office doorway	None detected		WB
4	1-Oct-2013	Room 211 Custodial - 1' X 1' floor tile blue with light & dark brush marks	None detected		WB
5	1-Oct-2013	Room 216 Corridor - Beige sheet flooring	None detected		WB
6	1-Oct-2013	Room 209 Women's Washroom - 1' X 1' floor tile white / grey streak	None detected		WB
7	1-Oct-2013	Room 209 Women's Washroom - drywall mud compound adjacent the shower, south partition adj. the toilet and above the ceiling access above the entry doorway.	None detected		WB

Bersch & Associates Ltd.
Box 3568
Humboldt, Sask. S0K 2A0

B03BAJ01

BULK SAMPLE ANALYSIS REPORT

PROJECT NO. B03.13
CLIENT: SASKATCHEWAN TRANSPORTATION COMPANY
LOCATION: 88 KING STREET, SASKATOON, SK.

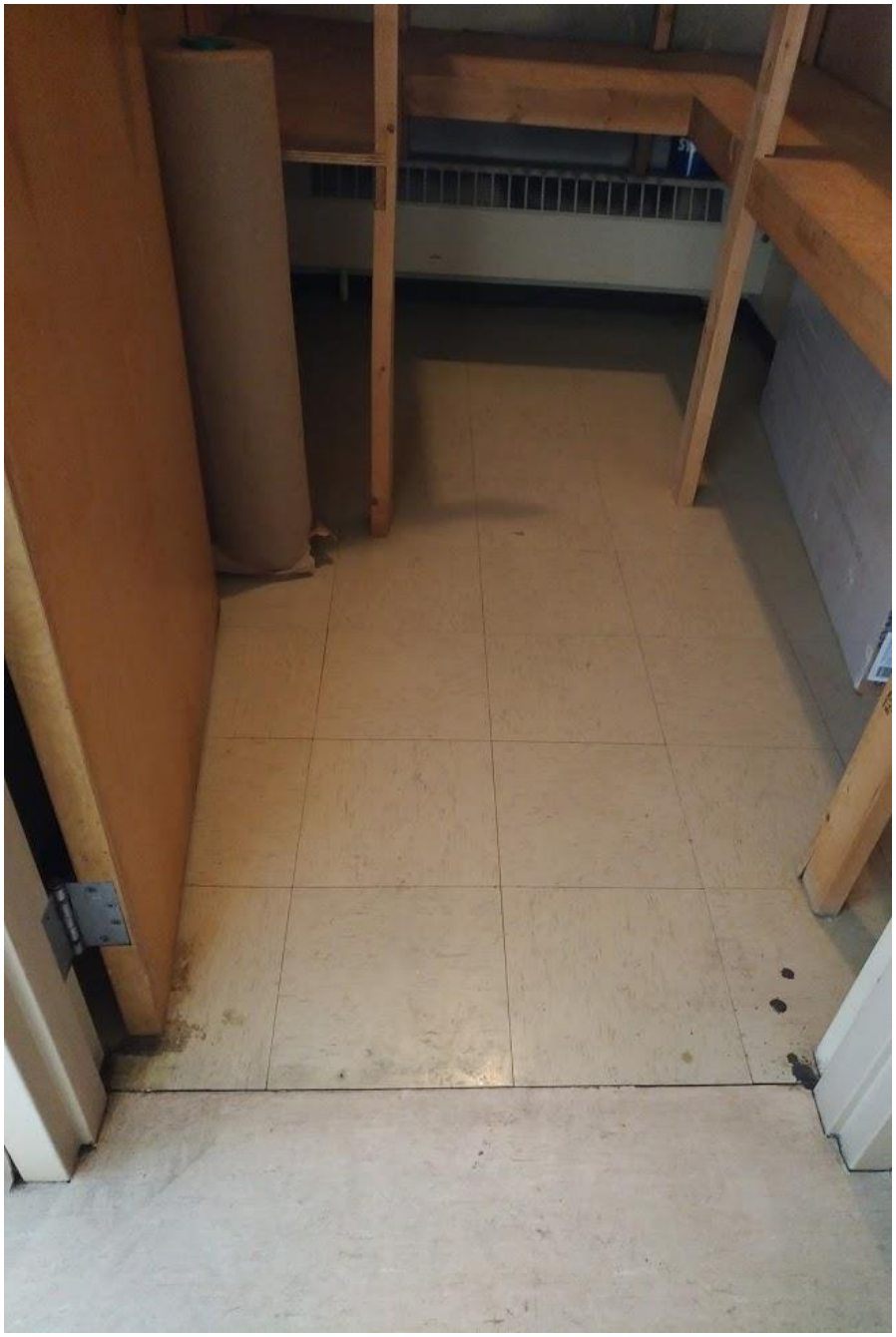
NO.	DATE	SAMPLE INFORMATION	ASBESTOS	%	ANALYST
8	1-Oct-2013	210 Women's Locker Room - 2' X 4' ceiling tile with a pinhole pattern	None detected		WB
9	1-Oct-2013	209 Men's Washroom - 1' X 1' Floor tile beige / beige & white brush markings.	None detected		WB
10	1-Oct-2013	209 Men's Washroom - Drywall mud compound adjacent the toilet partitions & wall corner adj. the north toilet partition	None detected		WB
11	1-Oct-2013	208 Men's Shower - Cementitious wall material in shower area	None detected		WB
12	1-Oct-2013	207 Men's Locker - 2' X 4' ceiling tile with a pinhole pattern.	None detected		WB
13	1-Oct-2013	216 Corridor - 2' X 4' ceiling tile with pinhole / texture pattern at the double doors to office adj. 205.	None detected		WB

PHOTOS

Photo 1: 225 Mechanical Room – S.A Fan S-1 Black Tar on Fiberglass Inside the Intake Air on the North Wall. Asbestos Containing Material.

PHOTOS

Photo 2: 219 Storage Room – 1’ X 1’ Floor Tile White w Faint Brown & Grey Streaks. Asbestos Containing Material.



PHOTOS

Photo 3: 210 Female Locker Room – 1’ X 1’ Floor Tile White w Grey Streaks. Asbestos Containing Material.

PHOTOS

Photo 4: 209 Female Washroom – 1’ X 1’ Floor Tile White w Grey Streaks. Asbestos Containing Material.

PHOTOS

Photo 5: 122 Janitor Room – 1’ X 1’ Floor Tile Beige w Faint Grey Streaks. Asbestos Containing Material.

Appendix I – 2: Lead

BERSCH
CONSULTING LTD.

December 5, 2017

City of Saskatoon
1101 Avenue P North
Saskatoon, SK
S7L 7K6

ATTENTION: Hazel Fernandez

SUBJECT: Bulk Lead Sample Analysis

Attached is a copy of the Laboratory Analysis Report for the paint samples collected from the Service Building and Storage Building located at 88 King Street in Saskatoon Saskatchewan, for the analysis of lead content. The samples were forwarded to EMSL Analytical Inc. for analysis. The samples collected resulted in lead concentrations ranging from 280 to 3900 ppm. The U.S. Environmental Protection Agency (EPA) has stated that the following values are positive for lead:

- 1 mg/cm^2
- 5,000 µg/g
- 5,000 mg/kg
- **5,000 parts per million (ppm)**
- 0.5% by weight

Occupational Health & Safety for the Province of Saskatchewan refers to contamination limits based on airborne particulate. Table 21 of the Occupational Health and Safety Act and Regulations of the Province of Saskatchewan states the 8-hour average contamination limit (.05 mg/m^3) and 15-minute average contamination limit (0.15 mg/m^3) as milligrams per cubic metre of air as the permissible exposure limit.

Saskatchewan Environment considers 5 mg of lead per litre of paint as lead containing paint and the waste must be buried in a registered landfill. Lead based paint waste generated from residential applications may be disposed of at the landfill with no special requirements provided it is not delivered to a landfill where the wood stockpiles are burned. The PPE is required as per Occupational Health & Safety when handling and keeping in mind the contamination limits in Table 21 at the back of the regulations.

When performing renovations or demolition activity that would generate respirable lead particulates the employer has an obligation to ensure the workers are not exposed to elevated contamination limits set forth in Table 21. Buildings of the 1976 vintage and earlier most likely contain lead based paints. If the paint is not tested for lead content, it would be considered lead based and precautions put in place to protect the worker.

BERSCH CONSULTING LTD. 244-2002 QUEBEC AVENUE, SASKATOON, SK S7K 1W4
Office: 306.978.6665 Cell: 306.222.7477 Email: brad@bersch.ca

The Surface Coating Materials Regulations (amended 2010) under the Hazardous Products Act and now the Canada Consumer Product Safety Act, decreased the limit for the total lead content from 600 mg/kg to 90 mg/kg (90 ppm, .009%) in consumer paints, varnishes, epoxy resins and other coating materials that dry to a solid film on the application surface.

In conclusion, the bulk sample analysis resulted in lead concentrations reported at 280, 290, 980, and 3900 ppm from areas throughout the Service Building and 1,400 and 2,200 ppm on the structural steel throughout the Storage Building. The paints are not classified as lead containing as per the EPA guidelines. Occupational Health & Safety for the Province of Saskatchewan refers to contamination limits based on airborne particulate. As a precaution, workers involved in activity that will produce levels of airborne particulate shall be protected with the required PPE to ensure they are not exposed to levels exceeding the contamination limits set forth in Table 21 of the Occupational Health & Safety Act & Regulations. Regardless of the lead content, workers should already be protected from dust and airborne particles in the normal course of renovation/demolition activities.

Welding, burning and torch cutting of surfaces on steel that is coated with paint or coatings containing as little as 130 mg/kg lead, can release airborne levels of lead as high as 0.8 mg/m^3 (16 times the exposure limit). The control measures and respiratory protection required for working with lead paints and coatings will be determined by the risk level assigned to specific work activity.

If any questions arise on the results of the attached information, please contact me at (306) 222-7477 or via email address brad@bersch.ca.

Sincerely,

Brad Berschiminsky
Bersch Consulting Ltd.
File: B67BLK24G lead

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

EMSL Canada Or	551713086
CustomerID:	55BEAL80B
CustomerPO:	88 KING STREET
ProjectID:	

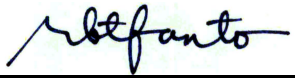
Attn: **Brad Berschiminsky**
Bersch Consulting Ltd.
#244 - 2002 Quebec Avenue
Saskatoon, SK S7K 1W4

Phone: (306) 222-7477
Fax:
Received: 11/24/17 9:00 AM
Collected: 11/23/2017

Project: **88 KING STREET**

Test Report: Lead in Paint Chips by Flame AAS (SW 846 3050B/7000B)*

Client Sample Description	*Lab ID*	*Collected*	*Analyzed*	*Lead Concentration*
L1	*551713086-0001*	11/23/2017	11/24/2017	280 ppm
	Site: EAST/WEST/MIDDLE STAIRWELL			
L2	*551713086-0002*	11/23/2017	11/24/2017	980 ppm
	Site: 206/213 STRUCTURAL			
L3	*551713086-0003*	11/23/2017	11/24/2017	3900 ppm
	Site: 212 SHOWER FLOOR			
L4	*551713086-0004*	11/23/2017	11/24/2017	290 ppm
	Site: 116 BAY STRUCTURAL			



Rowena Fanto, Lead Supervisor
or other approved signatory

*Analysis following Lead in Paint by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 0.010 % wt based on the minimum sample weight per our SOP. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements unless specifically indicated otherwise. Definitions of modifications are available upon request.

Samples analyzed by EMSL Canada Inc. Mississauga, ON A2LA Accredited Environmental Testing Cert #2845.08

Initial report from 11/24/2017 14:22:07

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

EMSL Canada Or	551713201
CustomerID:	55BEAL80B
CustomerPO:	B67
ProjectID:	

Attn: **Brad Berschiminsky**
Bersch Consulting Ltd.
#244 - 2002 Quebec Avenue
Saskatoon, SK S7K 1W4

Phone: (306) 222-7477
Fax:
Received: 11/28/17 10:24 AM
Collected: 11/24/2017

Project: **B67 88 King Street**

Test Report: Lead in Paint Chips by Flame AAS (SW 846 3050B/7000B)*

Client Sample Description	*Lab ID*	*Collected*	*Analyzed*	*Lead Concentration*
L5	*551713201-0001*	11/24/2017	11/28/2017	1400 ppm
	Site: Storage Facility East Portion			
L6	*551713201-0002*	11/24/2017	11/28/2017	2200 ppm
	Site: Storage Facility West Portion			

Rowena Fanto, Lead Supervisor
or other approved signatory

*Analysis following Lead in Paint by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 0.010 % wt based on the minimum sample weight per our SOP. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements unless specifically indicated otherwise. Definitions of modifications are available upon request.

Samples analyzed by EMSL Canada Inc. Mississauga, ON A2LA Accredited Environmental Testing Cert #2845.08

Initial report from 11/29/2017 07:53:05

Appendix I – 3: Mold

BERSCH
CONSULTING LTD.

Client: **City of Saskatoon**
1101 Avenue P North
Saskatoon, SK
S7L 7K6

Contact: **Hazel Fernandez**

Location: **88 King Street**
Saskatoon, SK.

Project Number: **B16MRK23G**

MOLD/FUNGI BULK SAMPLING

Bersch Consulting Ltd. collected 2 material samples of suspect mold residue, one from the 225-mechanical room ceiling and one from the S1 Intake canvass wrap insulation, also room 225. The samples were collected for the analysis of suspect mold growth. The samples were forwarded to EMSL Analytical Inc. for the direct examination of fungal spores/structures.

The photos that are attached reference the ceiling of 225 mechanical room and the window sill of 118 Staff Lounge. Mold growth was not observed within the facility.

1.0 METHODOLOGY

.1 BULK SAMPLES – DIRECT EXAMINATION METHOD M041

Two samples were collected for analysis.

Counts per area analyzed between 1 to 10 are considered Rare.

Counts per area analyzed between 11 to 100 are considered Low.

Counts per area analyzed between 101 to 1000 are considered Medium.

Counts per area analyzed > 1000 are considered High.

2.0 LABORATORY RESULTS

.1 BULK SAMPLE – M041

Three fungal species were identified in the bulk samples forwarded for analysis. The following is a brief outline of the bulk sample results. The results interpretation is based on the industry standards outlined in Section 1.1 of this report. For a more detailed description of the fungi identified in the bulk sample please refer to Section 2.2 of this report below.

A. Sample #1 – The fungal spores / fungal structures count per area analyzed is categorized as Rare for the presence of Ascospores, Basidiospores, and Cladosporium. Remediation is not necessary.
B. Sample #2 – The fungal spores / fungal structures count per area analyzed is categorized as Rare for the presence of Ascospores, Basidiospores, and Cladosporium. Remediation is not necessary.

.2 BACKGROUND

Fungi in buildings may cause or exacerbate symptoms of allergies (wheezing, chest tightness, shortness of breath, nasal congestion, and eye irritation), especially in persons who have a history of allergic diseases (such as asthma and rhinitis). Except in widespread fungal contamination that is linked to illnesses throughout a building, building-wide evacuation is not indicated. Trace levels of fungi are present almost everywhere in indoor and outdoor environments.

The following is a brief description of the fungi that was identified within the bulk samples submitted for analysis.

Ascospores are a grouping of over 30,000 species of fungi. Spores are grouped in this category according to their reproductive cycle. All fungi in this group (phyla) produce spores within a sac (ascus). Many fungi in the ascospore phyla are reported to be allergenic.

Basidiospores fall into a general grouping of ubiquitous fungi consisting of approx. 1200 genera. Basidiospores are saprophytes and plant pathogens. This group contains the mushrooms, shelf fungi, puffballs and other macro-fungi.

Cladosporium is also a ubiquitous fungus with approximately thirty (30) to forty (40) known species. Cladosporium is one of the most common fungal spores identified in air samples. Cladosporium is also found in many soil types as well as on plants and plant decay.

3.0 RECOMMENDATIONS

Laboratory results from the bulk samples indicated the presence of Ascospores, Basidiospores and Cladosporium fungal species. Bersch Consulting Ltd. submits the following for your review.

A. Sample #M1 – Remediation is not warranted as a result of the Rare count of Ascospores, Basidiospores and Cladosporium spores/structures. The staining along the ceiling of the 225 Mechanical Room is primarily the result water staining from previous roof leakage that has since been corrected.

B. Sample #M2 – Remediation is not warranted as a result of the Rare count of Ascospores, Basidiospores and Cladosporium spores/structures. The blackened color is a discoloration similarly associated with mold growth. In this instance the discoloring of the canvas jacket on the S1 Intake in room 225 is not the result of mold growth.

4.0 REFERENCES

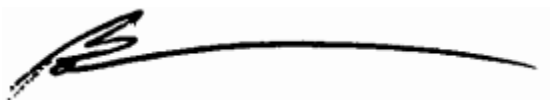
The New York City Department of Health and Mental Hygiene. (2005). Guidelines on Assessment and Remediation of Fungi in Indoor Environments. Fungi in indoor environments: Environment and Occupational Disease Epidemiology: NYC DOHMH

MidAtlantic Environmental Hygiene Resource Center. (2001). "Investigating, Sampling, Identifying and Assessing Biological and Microbiological Contamination in the Indoor Environment."

MidAtlantic Environmental Hygiene Resource Center. (2001). "Developing, Remediation Strategy and Writing Specifications for a Building Mold Remediation Project."

If you require further information or if you have questions regarding this information, please contact me at (306) 222-7477.

Regards,



Brad Berschiminsky/Trent Blaus
Bersch Consulting Ltd.
File: B16MRK23G king st

PHOTOS

Photo 1: 225 Mechanical - Ceiling Water Staining

PHOTOS

Photo 2: 218 Staff Lounge – Northeast Corner of Window Sill - Water Staining

EXPANDED FUNGAL REPORT ™

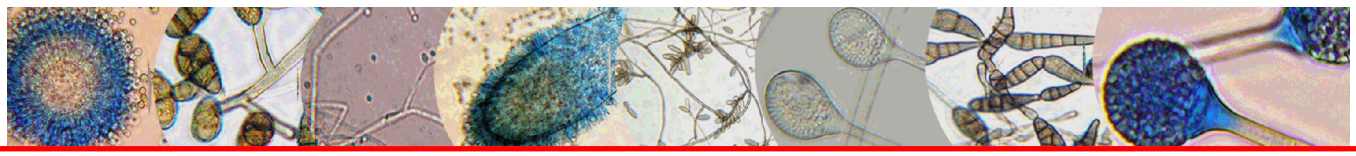
Prepared Exclusively For

Bersch Consulting Ltd.

#244 - 2002 Quebec Avenue
Saskatoon, SK S7K 1W4
Phone:306-222-7477

Report Date:	**11/24/2017**
Project:	**B67 - 88 King St**
P.O:	**B67 88 King St**
EMSL Canada Orde	**551713074**

ACCREDITED
Environmental Testing Cert #2845.08



EMSL Canada Inc.

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

Attn: Brad Berschiminsky
Bersch Consulting Ltd.
#244 - 2002 Quebec Avenue
Saskatoon, SK S7K 1W4

EMSL Order: 551713074
Customer ID: 55BEAL80B
Collected: 11/23/2017
Received: 11/24/2017
Analyzed: 11/24/2017

Proj: B67 - 88 King St

Test Report: Microscopic Examination of Fungal Spores, Fungal Structures, Hyphae, and Other Particulates from Bulk Samples (EMSL Method: M041)

Lab Sample Number	Client Sample ID	Location	Fungal Identification	Category
551713074-0001	M1	225 Mech Rm ceiling	Ascospores	Rare
			Basidiospores	Rare
			Cladosporium	Rare
			Hyphal Fragment	Rare
551713074-0002	M2	225 S1 Intake Canvas	Ascospores	Rare
			Cladosporium	Rare
			Hyphal Fragment	Rare
			Pollen	Rare

No discernable field blank was submitted with this group of samples.

Bipolaris++ = Bipolaris/Dreschlera/Exserohilum Myxomycetes++ = Myxomycetes/Periconia/Smut
* = Sample contains fruiting structures and/or hyphae associated with the spores.

Category	Count/area Analyzed
Rare	1 to 10
Low	11 to 100
Medium	101 to 1000
High	> 1000

Sneha Panchal, M.Sc.,RMCCM Laboratory Manager

Report amended: 11/24/2017 14:01:30 Replaces initial report from:11/24/2017 13:58:21 Reason Code: Client-Change to Sample ID

APPENDIX II

ASBESTOS SURVEY DATABASE

Service and Storage Buildings - 88 King Street - 2017

Bersch Consulting Ltd.

Floor	Number	Area	Elements	Sub Elements	Material Description	Suspect	Sample / Rep	Sample ID	DD/MM/YY	Asbestos Type	Asbestos %	ACM Product	Friable	Condition	Quantity	Priority	Sample Location	ACM In Area	Condition	Action	Comments
M	101	Foyer	Ceiling	Drywall Mud Compound		No	Sample Rep.	B67-ASB.19	23-Nov-17	No Asbestos Detected							125 Hallway -Drywall Mud Compound Compilation Ceiling Sample				
M	101	Foyer	Floor	Sheet Flooring	Blue Anti-Slip w. Raised Square Pattern	No	Sample Rep.	B67-ASB.23	23-Nov-17	No Asbestos Detected							Stairwell B -Blue Anti-slip Flooring with Raised Square Pattern on the Floor.				
M	101	Foyer	Floor	Final Layer	Concrete	No															
M	101	Foyer	Walls	Brick	Brown Brick & Mortar	No															
M	102	Electrical	Ceiling	Fireproofing	Spray-Applied	No	Sample	B67-ASB.36	07-Mar-14	No Asbestos Detected							102 Electrical - Spray-applied fireproofing on ceiling.				
M	102	Electrical	Ceiling Space	Mechanical	Pipefitting Mud Lineal Fiberglass	No	Sample	B67-ASB.33	07-Mar-14	No Asbestos Detected							102 Electrical - Medium overhead HWR pipefitting adj. to south wall.				
M	102	Electrical	Ceiling Space	Mechanical	Pipefitting Mud Lineal Fiberglass	No	Sample	B67-ASB.34	07-Mar-14	No Asbestos Detected							102 Electrical - Medium overhead HWS pipefitting adj. to south wall.				
M	102	Electrical	Ceiling Space	Mechanical	Pipefitting Mud Lineal Fiberglass	No	Sample	B67-ASB.35	07-Mar-14	No Asbestos Detected							102 Electrical - Small overhead DCW pipefitting adj. to south wall.				
M	102	Electrical	Floor	Concrete		No															
M	102	Electrical	Walls	Concrete Block	Empty Block Cavity	No															
M	102	Electrical	Walls	Drywall Mud Compound		No	Sample Rep.	B67-ASB.19	23-Nov-17	No Asbestos Detected							125 Hallway -Drywall Mud Compound Compilation Ceiling Sample				
M	103	Storage	Ceiling	Fireproofing	Spray-Applied	No	Sample Rep.	B67-ASB.36	07-Mar-14	No Asbestos Detected							102 Electrical - Spray-applied fireproofing on ceiling.				
M	103	Storage	Ceiling Space	Mechanical	Pipefitting Mud Lineal Fiberglass	No	Sample Rep.	B67-ASB.35	07-Mar-14	No Asbestos Detected							102 Electrical - Small overhead DCW pipefitting adj. to south wall.				
M	103	Storage	Floor	Concrete		No															
M	103	Storage	Walls	Concrete Block	Empty Block Cavity Cold Space / Exterior Brick	No															
M	103	Storage	Walls	Drywall Mud Compound		No	Sample Rep.	B67-ASB.19	23-Nov-17	No Asbestos Detected							125 Hallway -Drywall Mud Compound Compilation Ceiling Sample				
M	104	Data	Ceiling	Fireproofing	Spray-Applied	No	Sample Rep.	B67-ASB.36	07-Mar-14	No Asbestos Detected							102 Electrical - Spray-applied fireproofing on ceiling.				
M	104	Data	Ceiling Space	Mechanical	Pipefitting Mud Lineal Fiberglass	No	Sample Rep.	B67-ASB.35	07-Mar-14	No Asbestos Detected							102 Electrical - Small overhead DCW pipefitting adj. to south wall.				
M	104	Storage	Floor	Concrete		No															
M	104	Storage	Walls	Concrete Block	Empty Block Cavity Cold Space / Exterior Brick	No															
M	104	Storage	Walls	Drywall Mud Compound		No	Sample Rep.	B67-ASB.19	23-Nov-17	No Asbestos Detected							125 Hallway -Drywall Mud Compound Compilation Ceiling Sample				
M	105	Tire Storage	Ceiling	Fireproofing	Spray-Applied	No	Sample	B67-ASB.17	07-Mar-14	No Asbestos Detected							105 Tire Storage - Spray-applied fireproofing on ceiling.				
M	105	Tire Storage	Ceiling Space	Mechanical	Pipefitting Mud Lineal Fiberglass	No	Sample	B67-ASB.14	07-Mar-14	No Asbestos Detected							105 Tire Storage - Small DHW pipefitting.				
M	105	Tire Storage	Ceiling Space	Mechanical	Pipefitting Mud Lineal Fiberglass	No	Sample	B67-ASB.15	07-Mar-14	No Asbestos Detected							105 Tire Storage - Medium DCW pipefitting.				
M	105	Tire Storage	Ceiling Space	Mechanical	Pipefitting Mud Lineal Fiberglass	No	Sample	B67-ASB.16	07-Mar-14	No Asbestos Detected							105 Tire Storage - Small DHWR pipefitting.				
M	105	Tire Storage	Floor	Concrete		No															
M	105	Tire Storage	Walls	Concrete Block	Empty Block Cavity Cold Space / Exterior Brick	No															
M	106	Bulk Storage	Ceiling	Fireproofing	Spray-Applied	No	Sample Rep.	B67-ASB.1	01-Oct-13	No Asbestos Detected							107 Machine Shop - Spray-applied fireproofing on ceiling and trusses.				
M	106	Bulk Storage	Ceiling Space	Mechanical	Pipefitting Mud Lineal Fiberglass	No	Sample Rep.	B67-ASB.2	01-Oct-13	No Asbestos Detected							107 Machine Shop - Domestic water line compilation of the mud compound on the pipeline fitting along the ceiling adj. the Bus Garage Doors.				
M	106	Bulk Storage	Floor	Concrete		No															
M	106	Bulk Storage	Walls	Concrete Block	Empty Block Cavity Cold Space / Exterior Brick	No															
M	106	Bulk Storage	Walls	Drywall Mud Compound	Upper wall	No	Sample Rep.	B67-ASB.19	23-Nov-17	No Asbestos Detected							125 Hallway -Drywall Mud Compound Compilation Ceiling Sample				
M	107	Machine Shop	Ceiling	Fireproofing	Spray-Applied	No	Sample	B67-ASB.1	01-Oct-13	No Asbestos Detected							107 Machine Shop - Spray-applied fireproofing on ceiling and trusses.				
M	107	Machine Shop	Ceiling Space	Mechanical	Pipefitting Mud Lineal Fiberglass	No	Sample	B67-ASB.2	01-Oct-13	No Asbestos Detected							107 Machine Shop - Domestic water line compilation of the mud compound on the pipeline fitting along the ceiling adj. the Bus Garage Doors.				
M	107	Machine Shop	Ceiling Space	Mechanical	Pipefitting Mud Lineal Fiberglass	No	Sample	B67-ASB.23	07-Mar-14	No Asbestos Detected							107 Machine Shop - Small DHW pipefitting adj. storage room.				
M	107	Machine Shop	Ceiling Space	Mechanical	Pipefitting Mud Lineal Fiberglass	No	Sample	B67-ASB.24	07-Mar-14	No Asbestos Detected							107 Machine Shop - Small DCW pipefitting adj. to oil storage.				
M	107	Machine Shop	Floor	Concrete		No															
M	107	Machine Shop	Walls	Concrete Block	Empty Block Cavity Cold Space / Exterior Brick	No															
M	108	Parts Department	Ceiling	Drywall Mud Compound		No	Sample	B67-ASB.3	01-Oct-13	No Asbestos Detected							108 Parts Dept. -Drywall mud compound at the ceiling patch above the 121 office doorway.				
M	108	Parts Department	Ceiling Space	Mechanical	Pipefitting Mud Lineal Fiberglass	No	Sample	B67-ASB.25	07-Mar-14	No Asbestos Detected							108 Parts Dept - Pipefitting adj. to overhead heating unit on north wall.				
M	108	Parts Department	Ceiling Space	O-Deck Surface	Metal	No															
M	108	Parts Department	Floor	Concrete		No	Sample	B67-ASB.17	23-Nov-17	No Asbestos Detected							108 - Concrete Floor at Column Adjacent 121.				

Service and Storage Buildings - 88 King Street - 2017 **Bersch Consulting Ltd.**

Floor	Number	Area	Elements	Sub Elements	Material Description	Suspect	Sample / Rep	Sample ID	DD/MM/YY	Asbestos Type	Asbestos %	ACM Product	Friable	Condition	Quantity	Priority	Sample Location	ACM In Area	Condition	Action	Comments
M	108	Parts Department	Walls	Concrete Block	Empty Block Cavity Cold Space / Exterior Brick	No															
M	109	Entrance	Ceiling	Drywall Mud Compound		No	Sample Rep.	B67-ASB.19	23-Nov-17	No Asbestos Detected							125 Hallway -Drywall Mud Compound Compilation Ceiling Sample				
M	109	Entrance	Ceiling Space	Q-Deck Surface	Metal	No															
M	109	Entrance	Floor	Sheet Flooring	Blue Anti-Slip w Raised Square Pattern	No	Sample Rep.	B67-ASB.23	23-Nov-17	No Asbestos Detected							Stairwell B -Blue Anti-slip Flooring with Raised Square Pattern on the Floor.				
M	109	Entrance	Floor	Final Layer	Concrete	No															
M	109	Entrance	Walls	Concrete Block	Empty Block Cavity Cold Space / Exterior Brick	No															
M	110	Office	Ceiling	Drywall Mud Compound		No	Sample Rep.	B67-ASB.19	23-Nov-17	No Asbestos Detected							125 Hallway -Drywall Mud Compound Compilation Ceiling Sample				
M	110	Office	Ceiling Space	Q-Deck Surface	Metal	No															
M	110	Office	Floor	Vinyl Floor Tile	1' x 1' Floor Tile Blue/Light Blue Brush Marks	No	Sample Rep.	B67-ASB.4	01-Oct-13	No Asbestos Detected							211 Janitor - 1' X 1' Blue w Light & Dark Brush Marks				
M	110	Office	Floor	Final Layer	Concrete	No															
M	110	Office	Walls	Concrete Block	Empty Block Cavity	No															
M	111	Minor Repair & Maintenance	Ceiling	Q-Deck Surface	Metal	No															
M	111	Minor Repair & Maintenance	Floor	Concrete		No															
M	111	Minor Repair & Maintenance	Pit	Concrete		No	Sample	B67-ASB.22	23-Nov-17	No Asbestos Detected							111 - Concrete Slab in the Westmost Pit at the Surface Adjacent the Grating.				
M	111	Minor Repair & Maintenance	Walls	Concrete Block	Empty Block Cavity Cold Space / Exterior Brick	No															
M	111	Minor Repair & Maintenance	Walls	Cladding	Metal	No															
M	111	Minor Repair & Maintenance	Walls	Insulation	Fiberglass Insulation Behind Interior Liner	No															
M	111	Minor Repair & Maintenance	Mechanical	Pipelines	Pipefitting Mud Lineal Fiberglass	No	Sample	B67-ASB.21	23-Nov-17	No Asbestos Detected							111 Minor Repair - Medium Overhead DCW Pipeline Fitting on the East Wall Adjacent the Coach Drain Pump.				
M	111	Minor Repair & Maintenance	Mechanical	Pipelines	Pipefitting Mud Lineal Fiberglass	No	Sample	B67-ASB.28	07-Mar-14	No Asbestos Detected							111 Minor Repair - Wash area small overhead DCW pipefitting.				
M	111	Minor Repair & Maintenance	Mechanical	Pipelines	Pipefitting Mud Lineal Fiberglass	No	Sample	B67-ASB.29	07-Mar-14	No Asbestos Detected							111 Minor Repair - Small DCW pipefitting adj. to manual wash.				
M	111	Minor Repair & Maintenance	Mechanical	Pipelines	Pipefitting Mud Lineal Fiberglass	No	Sample	B67-ASB.31	07-Mar-14	No Asbestos Detected							111 Minor Repair - Small DCW pipefitting adj. to west wall, straight in from corridor.				
M	111	Minor Repair & Maintenance	Mechanical	Roof Drain	Mud Compound	No	Sample	B67-ASB.30	07-Mar-14	No Asbestos Detected							111 Minor Repair - Large roof drain fitting adj. to the west wall, straight in from the corridor entry.				
M	111	Minor Repair & Maintenance	Mechanical	Overhead Duct	Fiberglass Insulation	No	Sample	B67-ASB.32	07-Mar-14	No Asbestos Detected							111 Minor Repair - Overhead duct insulation in center of shop area				
M	111	Minor Repair & Maintenance	Mechanical	Vibration Gasket	Overhead Duct Green Gasket Material	No															The green vibration gasket material at the duct joints is non asbestos material.
M	111	Minor Repair & Maintenance	Mechanical	Large Diameter Ducts	Penetrating the Floor Along Center of the West Wall	No	Sample Rep.	B67-ASB.18	23-Nov-17	No Asbestos Detected							115 Major Repair - Base of the 18-inch Vertical Duct in the Northwest Corner Adjacent the Opening in the Wall to 114.				
M	112	Storage	Ceiling	Q-Deck Surface	Metal	No															
M	112	Storage	Floor	Concrete		No															
M	112	Storage	Walls	Concrete Block	Empty Block Cavity	No															
M	Upper 112	Compressor Room	Ceiling	Q-Deck Surface	Metal	No															
M	Upper 112	Compressor Room	Floor	Concrete		No															
M	Upper 112	Compressor Room	Walls	Mesh Liner	Perforated Metal	No															
M	Upper 112	Compressor Room	Walls	Fiberglass		No															
M	Upper 112	Compressor Room	Walls	Drywall Mud Compound		No	Sample Rep.	B67-ASB.19	23-Nov-17	No Asbestos Detected							125 Hallway -Drywall Mud Compound Compilation Ceiling Sample				
M	Upper 112	Compressor Room	Walls	Concrete Block	Empty Block Cavity	No															
M	113	Dyno	Ceiling	Q-Deck Surface	Metal	No															
M	113	Dyno	Mechanical	Pipelines	DCW Pipefitting Mud / Lineal Fiberglass	No	Sample Rep.	B67-ASB.21	23-Nov-17	No Asbestos Detected							111 Minor Repair - Medium Overhead DCW Pipeline Fitting on the East Wall Adjacent the Coach Drain Pump.				
M	113	Dyno	Mechanical	Overhead Duct Insulation	Canvass Wrapped Foil-Faced Fiberglass	No	Sample Rep.	B67-ASB.32	07-Mar-14	No Asbestos Detected							111 Minor Repair - Overhead duct insulation in center of shop area				
M	113	Dyno	Mechanical	Vibration Gasket	Overhead Duct Green Gasket Material	No															
M	113	Dyno	Mechanical	Large Diameter Duct	12-inch Duct Riser Penetrating the Floor Along the East Wall	No	Sample Rep.	B67-ASB.18	23-Nov-17	No Asbestos Detected							115 Major Repair - Base of the 18-inch Vertical Duct in the Northwest Corner Adjacent the Opening in the Wall to 114.				
M	113	Dyno	Walls	Mesh Liner	Perforated Metal	No															
M	113	Dyno	Walls	Fiberglass		No															
M	113	Dyno	Walls	Concrete Block	Empty Block Cavity Cold Space / Exterior Brick	No															
M	114	Wash Bay	Ceiling	Q-Deck Surface	Metal	No															
M	114	Wash Bay	Floor	Concrete		No															
M	114	Wash Bay	Walls	Concrete Block	Empty Block Cavity	No															
M	114	Wash Bay	Walls	Concrete Block	Empty Block Cavity Cold Space / Exterior Brick	No															
M	114	Wash Bay	Mechanical	Pipelines	DCW Pipefitting Mud / Lineal Fiberglass	No	Sample	B67-ASB.22	07-Mar-14	No Asbestos Detected							114 Wash Bay - Pipeline fitting at north wall.				
M	115	Major Repair	Ceiling	Q-Deck Surface	Metal	No															

Floor	Number	Area	Elements	Sub Elements	Material Description	Suspect	Sample / Rep	Sample ID	DD/MM/YY	Asbestos Type	Asbestos %	ACM Product	Friable	Condition	Quantity	Priority	Sample Location	ACM In Area	Condition	Action	Comments
M	115	Major Repair	Mechanical	Pipelines	DCW Pipefitting Mud / Lineal Fiberglass	No	Sample	B67-ASB.26	07-Mar-14	No Asbestos Detected							115 Major Repair - Pipeline fitting on DCW line adj. to the 2nd bay from east.				
M	115	Major Repair	Mechanical	Pipelines	DCW Pipefitting Mud / Lineal Fiberglass	No	Sample	B67-ASB.27	07-Mar-14	No Asbestos Detected							115 Major Repair - Pipeline fitting on DHW line adj. to the 2nd bay from east.				
M	115	Major Repair	Mechanical	Overhead Duct Insulation	Canvass Wrapped Foil-Faced Fiberglass	No	Sample Rep.	B67-ASB.32	07-Mar-14	No Asbestos Detected							111 Minor Repair - Overhead duct insulation in center of shop area				
M	115	Major Repair	Mechanical	Vibration Gasket	Overhead Duct Green Gasket Material	No															
M	115	Major Repair	Mechanical	Large Diameter Duct	Large Diameter Duct Base Penetrating the Floor in the Northwest Corner	No	Sample	B67-ASB.18	23-Nov-17	No Asbestos Detected							115 - Base of the 18-inch Vertical Duct in the Northwest Corner Adjacent the Opening in the Wall to 114.				
M	115	Major Repair	Floor	Concrete		No															
M	115	Major Repair	Walls	Concrete Block	Empty Block Cavity Cold Space / Exterior Brick	No															
M	115	Major Repair	Walls	Concrete Block	Empty Block Cavity	No															
M	116	Body Shop	Ceiling	Q-Deck Surface	Metal	No															
M	116	Body Shop	Mechanical	Pipelines	DCW Pipefitting Mud / Lineal Fiberglass	No	Sample	B67-ASB.20	07-Mar-14								116 Body Shop - Small DCW pipeline fitting adj. north wall.				
M	116	Body Shop	Mechanical	Roof Drain	Mud Compound	No	Sample	B67-ASB.30	07-Mar-14	No Asbestos Detected							111 Minor Repair - Large roof drain fitting adj. to the west wall, straight in from the corridor entry.				Located overhead along centre of the North wall. The material is the same material as the pipeline fitting.
M	116	Body Shop	Mechanical	Overhead Duct Insulation	Canvass Wrapped Foil-Faced Fiberglass	No	Sample Rep.	B67-ASB.32	07-Mar-14	No Asbestos Detected							111 Minor Repair - Overhead duct insulation in center of shop area				
M	116	Body Shop	Mechanical	Vibration Gasket	Overhead Duct Green Gasket Material	No															
M	116	Body Shop	Floor	Concrete		No															
M	116	Body Shop	Walls	Concrete Block	Empty Block Cavity Cold Space / Exterior Brick	No															
M	116	Body Shop	Walls	Concrete Block	Empty Block Cavity	No															
M	117	Welding	Ceiling	Fireproofing	Spray-Applied	No	Sample	B67-ASB.21	07-Mar-14	No Asbestos Detected							117 Welding - Spray-applied fireproofing on north wall.				
M	117	Welding	Ceiling Space	Mechanical	Pipefitting Mud Lineal Fiberglass	No	Sample	B67-ASB.18	07-Mar-14	No Asbestos Detected							117 Welding - Small overhead HWR pipefitting.				
M	117	Welding	Ceiling Space	Mechanical	Pipefitting Mud Lineal Fiberglass	No	Sample	B67-ASB.19	07-Mar-14	No Asbestos Detected							117 Welding - Small overhead HWR pipefitting on north wall.				
M	117	Welding	Floor	Concrete		No															
M	117	Welding	Walls	Concrete Block	Empty Block Cavity Cold Space / Exterior Brick	No															
M	117	Welding	Walls	Concrete Block	Empty Block Cavity	No															
M	118	Storage	Ceiling	Fireproofing	Spray-Applied	No	Sample Rep.	B67-ASB.21	07-Mar-14	No Asbestos Detected							117 Welding - Spray-applied fireproofing on north wall.				
M	118	Storage	Floor	Concrete		No															
M	118	Storage	Walls	Concrete Block	Empty Block Cavity	No															
M	118	Storage	Mechanical	Pipelines	DCW Pipefitting Mud / Lineal Fiberglass	No															
M	118 Area Below Stairs	Storage	Ceiling	Q-Deck Surface	Metal	No															
M	118 Area Below Stairs	Storage	Floor	Concrete		No															
M	118 Area Below Stairs	Storage	Walls	Concrete Block	Empty Block Cavity	No															
M	119	Battery Storage	Ceiling	Fireproofing	Spray-Applied	No	Sample	B67-ASB.13	07-Mar-14	No Asbestos Detected							119 Battery Storage - Spray-applied fireproofing on ceiling.				
M	119	Battery Storage	Floor	Concrete		No															
M	119	Battery Storage	Walls	Concrete Block	Empty Block Cavity	No															
M	119	Battery Storage	Mechanical	Pipelines	DCW Pipefitting Mud / Lineal Fiberglass	No	Sample	B67-ASB.12	07-Mar-14	No Asbestos Detected							119 Battery Storage - Small overhead DWC pipeline fitting.				
M	119	Battery Storage	Counter Top	Sink	Black Composite Sink	No	Sample	B67-ASB.16	23-Nov-17	No Asbestos Detected							119 - Black Composite Sink				
M	120	Hoist Equipment	Ceiling	Fireproofing	Spray-Applied	No	Sample Rep.	B67-ASB.13	07-Mar-14	No Asbestos Detected							119 Battery Storage - Spray-applied fireproofing on ceiling.				
M	120	Hoist Equipment	Floor	Concrete		No															
M	120	Hoist Equipment	Walls	Concrete Block	Empty Block Cavity	No															
M	120	Hoist Equipment	Mechanical	Pipelines	DCW Pipefitting Mud / Lineal Fiberglass	No	Sample Rep.	B67-ASB.12	07-Mar-14	No Asbestos Detected							119 Battery Storage - Small overhead DWC pipeline fitting.				
M	121	Parts Office	Ceiling	Drywall Mud Compound		No	Sample Rep.	B67-ASB.19	23-Nov-17	No Asbestos Detected							125 Hallway -Drywall Mud Compound Compilation Ceiling Sample				
M	121	Parts Office	Ceiling Space	Q-Deck Surface	Metal	No															
M	121	Parts Office	Ceiling Space	Mechanical	Pipefitting Mud Lineal Fiberglass	No	Sample Rep.	B67-ASB.12	07-Mar-14	No Asbestos Detected							119 Battery Storage - Small overhead DWC pipeline fitting.				
M	121	Parts Office	Floor	Vinyl Floor Tile	1' x 1' Floor Tile Blue/Light Blue Brush Marks	No	Sample Rep.	B67-ASB.4	01-Oct-13	No Asbestos Detected							211 Janitor - 1' X 1' Blue w Light & Dark Brush Marks				
M	121	Parts Office	Floor	Final Layer	Concrete	No															
M	121	Parts Office	Walls	Concrete Block	Empty Block Cavity	No															
M	121	Parts Office	Walls	North	Concrete	No															
M	122	Janitor	Ceiling	Drywall Mud Compound		No	Sample Rep.	B67-ASB.19	23-Nov-17	No Asbestos Detected							125 Hallway -Drywall Mud Compound Compilation Ceiling Sample				

Service and Storage Buildings - 88 King Street - 2017 **Bersch Consulting Ltd.**

Floor	Number	Area	Elements	Sub Elements	Material Description	Suspect	Sample / Rep	Sample ID	DD/MM/YY	Asbestos Type	Asbestos %	ACM Product	Friable	Condition	Quantity	Priority	Sample Location	ACM In Area	Condition	Action	Comments
M	122	Janitor	Ceiling Space	Q-Deck Surface	Metal	No															
M	122	Janitor	Mechanical	Vibration Gasket	Overhead Duct Green Gasket Material	No															
M	122	Janitor	Floor	Vinyl Floor Tile	1' x 1' Floor Tile Beige w Faint Grey Streaks	Yes	Sample	B67-ASB.20	23-Nov-17	Chrysotile	1-5%	Vinyl Asbestos Tile	No	Mod/Good	50 ft^2	2	122 Janitor - 1' X 1' Beige w Faint Grey Streaks.	Floor Tile	Moderate	Manage	2 tiles are slightly damaged. Removal is recommended at some point. Approx. 50 ft^2
M	122	Janitor	Floor	Final Layer	Concrete	No															
M	122	Janitor	Walls	Concrete Block	Empty Block Cavity	No															
M	123	Women's Washroom	Ceiling	Drywall Mud Compound		No	Sample Rep.	B67-ASB.19	23-Nov-17	No Asbestos Detected							125 Hallway -Drywall Mud Compound Compilation Ceiling Sample				
M	123	Women's Washroom	Ceiling Space	Q-Deck Surface	Metal	No															
M	123	Women's Washroom	Floor	Vinyl Floor Tile	1' x 1' Floor Tile Blue/Light Blue Brush Marks	No	Sample Rep.	B67-ASB.4	01-Oct-13	No Asbestos Detected							211 Janitor - 1' X 1' Blue w Light & Dark Brush Marks				
M	123	Women's Washroom	Floor	Final Layer	Concrete	No															
M	123	Women's Washroom	Walls	Concrete Block	Empty Block Cavity	No															
M	124	Men's Washroom	Ceiling	Drywall Mud Compound		No	Sample Rep.	B67-ASB.19	23-Nov-17	No Asbestos Detected							125 Hallway -Drywall Mud Compound Compilation Ceiling Sample				
M	124	Men's Washroom	Ceiling Space	Q-Deck Surface	Metal	No															
M	124	Men's Washroom	Floor	Vinyl Floor Tile	1' x 1' Floor Tile Blue/Light Blue Brush Marks	No	Sample Rep.	B67-ASB.4	01-Oct-13	No Asbestos Detected							211 Janitor - 1' X 1' Blue w Light & Dark Brush Marks				
M	124	Men's Washroom	Floor	Final Layer	Concrete	No															
M	124	Men's Washroom	Walls	Concrete Block	Empty Block Cavity	No															
M	125	Hallway	Ceiling	Drywall Mud Compound		No	Sample	B67-ASB.19	23-Nov-17	No Asbestos Detected							125 Hallway -Drywall Mud Compound Compilation Ceiling Sample				
M	125	Hallway	Ceiling Space	Q-Deck Surface	Metal	No															
M	125	Hallway	Floor	Concrete		No															
M	125	Hallway	Walls	Concrete Block	Empty Block Cavity	No															
2	2nd Flr	A Stairwell	Ceiling	Ceiling Tile	2' X 4' Suspended Ceiling	No	Sample Rep.	B67-ASB.2	16-Nov-17	No Asbestos Detected							203 Storage -2' X 4' Two-hole Pattern Ceiling Tile				
2	2nd Flr	A Stairwell	Ceiling	Drywall Mud Compound		No	Sample Rep.	B67-ASB.1	16-Nov-17	No Asbestos Detected							203,206,221,222 Drywall Mud Compound Compilation Wall Sample.				
2	2nd Flr	A Stairwell	Ceiling Space	Q-Deck Surface	Metal	No															
2	2nd Flr	A Stairwell	Walls	Concrete Block	Empty Block Cavity	No															
2	2nd Flr	A Stairwell	Walls	Brick / Mortar		No															
2	2nd Flr	A Stairwell	Floor	Sheet Flooring	Blue Anti-Slip w Raised Square Pattern	No	Sample Rep.	B67-ASB.23	23-Nov-17	No Asbestos Detected							Stairwell B -Blue Anti-slip Flooring with Raised Square Pattern on the Floor.				
2	2nd Flr	A Stairwell	Floor	Final Layer	Concrete	No															
2	2nd Flr	B Stairwell	Ceiling	Drywall Mud Compound		No	Sample Rep.	B67-ASB.1	16-Nov-17	No Asbestos Detected							203,206,221,222 Drywall Mud Compound Compilation Wall Sample.				
2	2nd Flr	B Stairwell	Ceiling Space	Q-Deck Surface	Metal	No															
2	2nd Flr	B Stairwell	Walls	Concrete Block	Empty Block Cavity	No															
2	2nd Flr	B Stairwell	Floor	Sheet Flooring	Blue Anti-Slip w Raised Square Pattern	No	Sample	B67-ASB.23	23-Nov-17	No Asbestos Detected							Stairwell B -Blue Anti-slip Flooring with Raised Square Pattern on the Floor.				
2	2nd Flr	B Stairwell	Floor	Final Layer	Concrete	No															
2	2nd Flr	B Stairwell	South Guard Rail	Pink Arborite	Plywood	No															
2	2nd Flr	C Stairwell	Ceiling	Drywall Mud Compound		No	Sample Rep.	B67-ASB.14	23-Nov-17	No Asbestos Detected							Corridor 216 - Drywall Mud Compound Within the Ceiling Space Adjacent Room 215.				
2	2nd Flr	C Stairwell	Ceiling Space	Q-Deck Surface	Metal	No															
2	2nd Flr	C Stairwell	Walls	Concrete Block	Empty Block Cavity	No															
2	2nd Flr	C Stairwell	Walls	Brick / Mortar		No															
2	2nd Flr	C Stairwell	Walls	Drywall Mud Compound		No	Sample Rep.	B67-ASB.14	23-Nov-17	No Asbestos Detected							Corridor 216 - Drywall Mud Compound Within the Ceiling Space Adjacent Room 215.				The north wall is drywall.
2	2nd Flr	C Stairwell	Floor	Sheet Flooring	Blue Anti-Slip w Raised Square Pattern	No	Sample Rep.	B67-ASB.23	23-Nov-17	No Asbestos Detected							Stairwell B -Blue Anti-slip Flooring with Raised Square Pattern on the Floor.				
2	2nd Flr	C Stairwell	Floor	Final Layer	Concrete	No															
2	2nd Flr	Elevator Shaft	Ceiling	Fireproofing	Spray-Applied	No	Sample	B67-ASB.8	16-Nov-17	No Asbestos Detected							2E Elevator Shaft -Spray-applied fireproofing on the structural steel and Q-deck within the shaft.				
2	2nd Flr	Elevator Shaft	Walls	Concrete Block	Empty Block Cavity	No															
2	2nd Flr	Elevator Shaft	Walls	Brick / Mortar		No															
2	201	Office	Ceiling Space	Q-Deck Surface	Metal	No															
2	201	Office	Ceiling Space	Mechanical	Fiberglass Insulation	No															
2	201	Office	Floor	Sheet Flooring	Beige Flooring	No	Sample Rep.	B67-ASB.5	01-Oct-13	No Asbestos Detected							216 Corridor -Beige Sheet Flooring				
2	201	Office	Floor	Final Layer	Concrete	No															
2	201	Office	Walls	All	Vinyl Covered Gypsum	No															No drywall mud compound.
2	201	Office	Walls	Insulation	Fiberglass	No															
2	201	Office	Wall	Concrete Block	Empty Block Cavity	No															South wall behind drywall
2	202	Server	Ceiling	Ceiling Tile	2' X 4' Suspended Ceiling	No	Sample Rep.	B67-ASB.2	16-Nov-17	No Asbestos Detected							203 Storage -2' X 4' Two-hole Pattern Ceiling Tile				
2	202	Server	Ceiling Space	Q-Deck Surface	Metal	No															
2	202	Server	Ceiling Space	Mechanical	Fiberglass Insulation	No															
2	202	Server	Floor	Sheet Flooring	Beige Flooring	No	Sample Rep.	B67-ASB.5	01-Oct-13	No Asbestos Detected							216 Corridor -Beige Sheet Flooring				
2	202	Server	Floor	Final Layer	Concrete	No															
2	202	Server	Walls	All	Vinyl Covered Gypsum	No															
2	202	Server	Walls	Insulation	Fiberglass	No															
2	202	Server	Wall	Concrete Block	Empty Block Cavity	No															South wall behind drywall

Service and Storage Buildings - 88 King Street - 2017 **Bersch Consulting Ltd.**

Floor	Number	Area	Elements	Sub Elements	Material Description	Suspect	Sample / Rep	Sample ID	DD/MM/YY	Asbestos Type	Asbestos %	ACM Product	Friable	Condition	Quantity	Priority	Sample Location	ACM In Area	Condition	Action	Comments
2	203	Storage	Ceiling	Ceiling Tile	2' X 4' Suspended Ceiling	No	Sample	B67-ASB.2	16-Nov-17	No Asbestos Detected							203 Storage -2' X 4' Two-hole Pattern Ceiling Tile				
2	203	Storage	Ceiling Space	Q-Deck Surface	Metal	No															
2	203	Storage	Ceiling Space	Mechanical	Fiberglass Insulation	No															
2	203	Storage	Floor	Sheet Flooring	Beige Flooring	No	Sample Rep.	B67-ASB.5	01-Oct-13	No Asbestos Detected							216 Corridor -Beige Sheet Flooring				
2	203	Storage	Floor	Final Layer	Concrete	No															
2	203	Storage	Walls	All	Vinyl Covered Gypsum	No															
2	203	Storage	Walls	Insulation	Fiberglass	No															
2	203	Storage	Wall	Concrete Block	Empty Block Cavity	No															South wall behind drywall
2	204	Office	Ceiling	Ceiling Tile	2' X 4' Suspended Ceiling	No	Sample Rep.	B67-ASB.2	16-Nov-17	No Asbestos Detected							203 Storage -2' X 4' Two-hole Pattern Ceiling Tile				
2	204	Office	Ceiling Space	Q-Deck Surface	Metal	No															
2	204	Office	Ceiling Space	Mechanical	Fiberglass Insulation	No															
2	204	Office	Floor	Sheet Flooring	Beige Flooring	No	Sample Rep.	B67-ASB.5	01-Oct-13	No Asbestos Detected							216 Corridor -Beige Sheet Flooring				
2	204	Office	Floor	Final Layer	Concrete	No															
2	204	Office	Walls	All	Vinyl Covered Gypsum	No															
2	204	Office	Walls	Insulation	Fiberglass	No															
2	204	Office	Wall	Concrete Block	Empty Block Cavity	No															
2	205	Office	Ceiling	Ceiling Tile	2' X 4' Suspended Ceiling	No	Sample Rep.	B67-ASB.2	16-Nov-17	No Asbestos Detected							203 Storage -2' X 4' Two-hole Pattern Ceiling Tile				
2	205	Office	Ceiling Space	Q-Deck Surface	Metal	No															
2	205	Office	Ceiling Space	Mechanical	Fiberglass Insulation	No															
2	205	Office	Floor	Sheet Flooring	Beige Flooring	No	Sample Rep.	B67-ASB.5	01-Oct-13	No Asbestos Detected							216 Corridor -Beige Sheet Flooring				
2	205	Office	Floor	Final Layer	Concrete	No															
2	205	Office	Walls	All	Vinyl Covered Gypsum	No															
2	205	Office	Walls	Insulation	Fiberglass	No															
2	205	Office	Wall	Concrete Block	Empty Block Cavity	No															
2	206	Reception	Ceiling	Ceiling Tile	2' X 4' Suspended Ceiling	No	Sample Rep.	B67-ASB.2	16-Nov-17	No Asbestos Detected							203 Storage -2' X 4' Two-hole Pattern Ceiling Tile				
2	206	Reception	Ceiling	Drywall Mud Compound	Bulkheads	No	Sample Rep.	B67-ASB.1	16-Nov-17	No Asbestos Detected							203,206,221,222 Drywall Mud Compound Compilation Wall Sample.				
2	206	Reception	Ceiling Space	Q-Deck Surface	Metal	No															
2	206	Reception	Ceiling Space	Mechanical	Fiberglass Insulation	No															
2	206	Reception	Floor	Sheet Flooring	Beige Flooring	No	Sample Rep.	B67-ASB.5	01-Oct-13	No Asbestos Detected							216 Corridor -Beige Sheet Flooring				
2	206	Reception	Floor	Final Layer	Concrete	No															
2	206	Reception	Walls	Drywall Mud Compound		No	Sample	B67-ASB.1	16-Nov-17	No Asbestos Detected							203,206,221,222 Drywall Mud Compound Compilation Wall Sample.				
2	206	Reception	Walls	Brick / Mortar		No															
2	206	Reception	Walls		Vinyl Covered Gypsum	No															
2	206	Reception	Walls	Insulation	Fiberglass	No															
2	206	Reception	Wall	Concrete Block	Empty Block Cavity	No															South wall behind drywall
2	207	Male Locker	Ceiling	Ceiling Tile	2' X 4' Suspended Ceiling	No	Sample	B67-ASB.12	01-Oct-13	No Asbestos Detected							207 Men's Locker - 2' X 4' Ceiling tile with a pinhole pattern.				
2	207	Male Locker	Ceiling Space	Q-Deck Surface	Metal	No															
2	207	Male Locker	Ceiling Space	Mechanical	Fiberglass Insulation	No															
2	207	Male Locker	Floor	Sheet Flooring	Grey,blue,red	No															The sheet flooring was installed during the 2013 renovation.
2	207	Male Locker	Floor	Final Layer	Concrete	No															
2	207	Male Locker	Walls	Drywall Mud Compound		No	Sample Rep.	B67-ASB.10	01-Oct-13	No Asbestos Detected							209 Male Washroom - Drywall Mud Compound Adj. Toilet Partitions & Wall Corner Adj. the North Toilet Partition.				
2	207	Male Locker	Walls	Insulation	Fiberglass	No															
2	207	Male Locker	Wall	Concrete Block	Empty Block Cavity	No															South wall behind drywall
2	208	Male Shower	Ceiling	Cementitious		No	Sample Rep.	B67-ASB.11	01-Oct-13	No Asbestos Detected							208 Men's Shower - Cementitious Wall Material in Shower Area				
2	208	Male Shower	Ceiling Space	Q-Deck Surface	Metal	No															
2	208	Male Shower	Floor	Concrete		No															
2	208	Male Shower	Walls	Cementitious		No	Sample	B67-ASB.11	01-Oct-13	No Asbestos Detected							208 Men's Shower - Cementitious Wall Material in Shower Area				
2	208	Male Shower	Wall	Concrete Block	Empty Block Cavity	No															
2	209	Male Washroom	Ceiling	Drywall Mud Compound		No	Sample Rep.	B67-ASB.10	01-Oct-13	No Asbestos Detected							209 Male Washroom - Drywall Mud Compound Adj. Toilet Partitions & Wall Corner Adj. the North Toilet Partition.				
2	209	Male Washroom	Ceiling Space	Q-Deck Surface	Metal	No															
2	209	Male Washroom	Ceiling Space	Mechanical	Fiberglass Insulation	No															
2	209	Male Washroom	Walls	All	Drywall Mud Compound	No	Sample	B67-ASB.10	01-Oct-13	No Asbestos Detected							209 Male Washroom - Drywall Mud Compound Adj. Toilet Partitions & Wall Corner Adj. the North Toilet Partition.				
2	209	Male Washroom	Wall	Concrete Block	Empty Block Cavity	No															South wall behind drywall
2	209	Male Washroom	Floor	Sheet Flooring	Grey,blue,red	No															The sheet flooring was installed during the 2013 renovation.
2	209	Male Washroom	Floor	Final Layer	Concrete	No															
2	209	Female Washroom	Ceiling	Drywall Mud Compound		No	Sample	B67-ASB.7	01-Oct-13	No Asbestos Detected							209 Female Washroom - Drywall Mud Compound Adjacent the Shower, South Partition Adj. the Toilet and Above the Ceiling Access Above the Entry Doorway.	Floor Tile			

Service and Storage Buildings - 88 King Street - 2017 **Bersch Consulting Ltd.**

Floor	Number	Area	Elements	Sub Elements	Material Description	Suspect	Sample / Rep	Sample ID	DD/MM/YY	Asbestos Type	Asbestos %	ACM Product	Friable	Condition	Quantity	Priority	Sample Location	ACM In Area	Condition	Action	Comments
2	209	Female Washroom	Ceiling Space	Q-Deck Surface	Metal	No												Floor Tile			
2	209	Female Washroom	Ceiling Space	Mechanical	Fiberglass Insulation	No												Floor Tile			
2	209	Female Washroom	Walls		Drywall Mud Compound	No	Sample	B67-ASB.7	01-Oct-13	No Asbestos Detected							209 Female Washroom - Drywall Mud Compound Adjacent the Shower, South Partition Adj. the Toilet and Above the Ceiling Access Above the Entry Doorway.	Floor Tile			
2	209	Female Washroom	Walls	Concrete Block	Empty Block Cavity	No												Floor Tile			The east and south wall is visible concrete block.
2	209	Female Washroom	Floor	Sheet Flooring	Grey,blue,red	No												Floor Tile			The sheet flooring in the toilet area was installed during the 2013 renovation.
2	209	Female Washroom	Floor	Vinyl Floor Tile	1' x 1' Floor Tile White w Grey Streaks	Yes	Sample Rep.	B67-ASB.5	23-Nov-17	Chrysotile	1-5%	Vinyl Asbestos Tile	No	Good	80 ft^2	3	210 Female Locker - 1' X 1' White w Grey Streaks.	Floor Tile	Good	Manage	
2	209	Female Washroom	Floor	Final Layer	Concrete	No												Floor Tile			
2	209	Female Washroom	Shower Stall	Floor	Concrete	No												Floor Tile			The out of service shower stall is not suspect of containing asbestos material.
2	210	Female Lockers	Ceiling	Ceiling Tile	2' X 2' Suspended Ceiling	No												Floor Tile			The suspended ceiling was upgraded during the 2013 renovation.
2	210	Female Lockers	Ceiling Space	Q-Deck Surface	Metal	No												Floor Tile			
2	210	Female Lockers	Ceiling Space	Mechanical	Fiberglass Insulation	No												Floor Tile			
2	210	Female Lockers	Walls		Drywall Mud Compound	No	Sample Rep.	B67-ASB.7	01-Oct-13	No Asbestos Detected							209 Female Washroom - Drywall Mud Compound Adjacent the Shower, South Partition Adj. the Toilet and Above the Ceiling Access Above the Entry Doorway.	Floor Tile		Demo	Demo the applicable walls.
2	210	Female Lockers	Walls	Concrete Block	Empty Block Cavity	No												Floor Tile			
2	210	Female Lockers	Floor	Sheet Flooring	Grey,blue,red	No															The sheet flooring in the new shower stall was installed during the 2013 renovation.
2	210	Female Lockers	Floor	Vinyl Floor Tile	1' x 1' Floor Tile White w Grey Streaks	Yes	Sample	B67-ASB.5	23-Nov-17	Chrysotile	1-5%	Vinyl Asbestos Tile	No	Good	80 ft^2	3	210 Female Locker - 1' X 1' White w Grey Streaks.	Floor Tile	Good	Manage	
2	210	Female Lockers	Floor	Vinyl Floor Tile	1' x 1' Floor Tile White w Faint Grey/Brown Streaks	No												Floor Tile			The row of floor tile around the new shower partition within the locker area is non asbestos.
2	210	Female Lockers	Floor	Final Layer	Concrete	No												Floor Tile			
2	210	Female Lockers	Shower Stall	Floor	Concrete	No												Floor Tile			The shower stall is not suspect of containing asbestos material. The stall is a new addition in 2013..
2	211	Janitor	Ceiling	Drywall Mud Compound		No	Sample Rep.	B67-ASB.14	23-Nov-17	No Asbestos Detected							Corridor 216 - Drywall Mud Compound Within the Ceiling Space Adjacent Room 215.				
2	211	Janitor	Ceiling Space	Q-Deck Surface	Metal	No															
2	211	Janitor	Ceiling Space	Mechanical	Fiberglass Insulation	No															
2	211	Janitor	Ceiling Space	Mechanical	Reddish Brown Duct Seal	No															
2	211	Janitor	Walls	Drywall Mud Compound		No	Sample Rep.	B67-ASB.14	23-Nov-17	No Asbestos Detected							Corridor 216 - Drywall Mud Compound Within the Ceiling Space Adjacent Room 215.				
2	211	Janitor	Floor	Vinyl Floor Tile	1' x 1' Floor Tile Blue w Light & Dark Brush Marks	No	Sample	B67-ASB.4	01-Oct-13	No Asbestos Detected							211 Janitor - 1' X 1' Blue w Light & Dark Brush Marks				
2	211	Janitor	Floor	Final Layer	Concrete	No															
2	212	Male Lockers	Ceiling	Ceiling Tile	2' X 4' Suspended Ceiling	No	Sample Rep.	B67-ASB.11	23-Nov-17	No Asbestos Detected							214 Female Driver's Rest Area -2' X 4' Two-hole Pattern Ceiling Tile				
2	212	Male Lockers	Ceiling	Drywall Mud Compound		No	Sample Rep.	B67-ASB.10	21-Nov-17	No Asbestos Detected							212 Male Lockers - Drywall Mud Compound Compilation Wall Sample				
2	212	Male Lockers	Ceiling Space	Q-Deck Surface	Metal	No															
2	212	Male Lockers	Ceiling Space	Mechanical	Fiberglass Insulation	No															
2	212	Male Lockers	Walls	Drywall Mud Compound		No	Sample	B67-ASB.10	21-Nov-17	No Asbestos Detected							212 Male Lockers - Drywall Mud Compound Compilation Wall Sample				
2	212	Male Lockers	Walls	Concrete Block	Empty Block Cavity	No															South wall behind drywall
2	212	Male Lockers	Floor	Sheet Flooring	Beige Flooring	No	Sample Rep.	B67-ASB.5	01-Oct-13	No Asbestos Detected							216 Corridor -Beige Sheet Flooring				
2	212	Male Lockers	Floor	Final Layer	Concrete	No															
2	212	Male Lockers Shower	Ceiling	Drywall Mud Compound		No	Sample Rep.	B67-ASB.10	21-Nov-17	No Asbestos Detected							212 Male Lockers - Drywall Mud Compound Compilation Wall Sample				
2	212	Male Lockers Shower	Ceiling Space	Q-Deck Surface	Metal	No															
2	212	Male Lockers Shower	Ceiling Space	Mechanical	Fiberglass Insulation	No															
2	212	Male Lockers Shower	Walls	Plaster / Skim Coat		No															
2	212	Male Lockers Shower	Floor	Final Layer	Concrete	No															
2	212	Male Lockers Washroom	Ceiling	Drywall Mud Compound		No	Sample Rep.	B67-ASB.10	21-Nov-17	No Asbestos Detected							212 Male Lockers - Drywall Mud Compound Compilation Wall Sample				
2	212	Male Lockers Washroom	Ceiling Space	Q-Deck Surface	Metal	No															
2	212	Male Lockers Washroom	Ceiling Space	Mechanical	Fiberglass Insulation	No															
2	212	Male Lockers Washroom	Walls	Drywall Mud Compound		No	Sample Rep.	B67-ASB.10	21-Nov-17	No Asbestos Detected							212 Male Lockers - Drywall Mud Compound Compilation Wall Sample				
2	212	Male Lockers Washroom	Floor	Sheet Flooring	Beige Flooring	No	Sample Rep.	B67-ASB.5	01-Oct-13	No Asbestos Detected							216 Corridor -Beige Sheet Flooring				
2	212	Male Lockers Washroom	Floor	Final Layer	Concrete	No															
2	213	Male Driver's Rest Area	Ceiling	Ceiling Tile	2' X 4' Suspended Ceiling	No	Sample Rep.	B67-ASB.11	23-Nov-17	No Asbestos Detected							214 Female Driver's Rest Area -2' X 4' Two-hole Pattern Ceiling Tile				
2	213	Male Driver's Rest Area	Ceiling Space	Q-Deck Surface	Metal	No															
2	213	Male Driver's Rest Area	Ceiling Space	Mechanical	Fiberglass Insulation	No															
2	213	Male Driver's Rest Area	Walls	Drywall Mud Compound		No	Sample Rep.	B67-ASB.10	21-Nov-17	No Asbestos Detected							212 Male Lockers - Drywall Mud Compound Compilation Wall Sample				
2	213	Male Driver's Rest Area	Walls	Concrete Block	Empty Block Cavity	No															The west and south walls are block

Service and Storage Buildings - 88 King Street - 2017 **Bersch Consulting Ltd.**

Floor	Number	Area	Elements	Sub Elements	Material Description	Suspect	Sample / Rep	Sample ID	DD/MM/YY	Asbestos Type	Asbestos %	ACM Product	Friable	Condition	Quantity	Priority	Sample Location	ACM In Area	Condition	Action	Comments
2	213	Male Driver's Rest Area	Floor	Carpet		No															
2	213	Male Driver's Rest Area	Floor	Carpet Mastic	Yellow Mastic	No	Sample	B67-ASB.12	23-Nov-17	No Asbestos Detected							213 Carpet, Yellow Adhesive on the Slab Surface.				
2	213	Male Driver's Rest Area	Floor	Final Layer	Concrete	No															
2	214	Female Driver's Rest Area	Ceiling	Ceiling Tile		No	Sample	B67-ASB.11	23-Nov-17	No Asbestos Detected							214 Female Driver's Rest -2' X 4' Two-hole Pattern Ceiling Tile				
2	214	Female Driver's Rest Area	Ceiling Space	Q-Deck Surface	Metal	No															
2	214	Female Driver's Rest Area	Ceiling Space	Mechanical	Fiberglass Insulation	No															
2	214	Female Driver's Rest Area	Walls	Drywall Mud Compound		No	Sample Rep.	B67-ASB.14	23-Nov-17	No Asbestos Detected							Corridor 216 - Drywall Mud Compound Within the Ceiling Space Adjacent Room 215.				
2	214	Female Driver's Rest Area	Walls	Concrete Block Mortar	Mortar in Northeast Ceiling Space	No	Sample	B67-ASB.13	23-Nov-17	No Asbestos Detected							214 Female Driver's Rest Area - Concrete Block Mortar in the Northeast Ceiling Space Surrounding the C stairwell.				
2	214	Female Driver's Rest Area	Walls	Concrete Block	Empty Block Cavity	No															The west and east walls are block
2	214	Female Driver's Rest Area	Walls	Metal Cladding / Fiberglass Insulation	North Wall	No															The metal cladding and fiberglass insulation are behind the drywall on the north wall.
2	214	Female Driver's Rest Area	Floor	Carpet		No															
2	214	Female Driver's Rest Area	Floor	Carpet Mastic	Yellow Mastic	No	Sample Rep.	B67-ASB.11	23-Nov-17	No Asbestos Detected							213 Carpet, Yellow Adhesive on the Slab Surface.				
2	214	Female Driver's Rest Area	Floor	Final Layer	Concrete	No															
2	215	Female Washroom	Ceiling	Drywall Mud Compound		No	Sample Rep.	B67-ASB.14	23-Nov-17	No Asbestos Detected							Corridor 216 - Drywall Mud Compound Within the Ceiling Space Adjacent Room 215.				
2	215	Female Washroom	Ceiling Space	Q-Deck Surface	Metal	No															
2	215	Female Washroom	Ceiling Space	Mechanical	Fiberglass Insulation	No															
2	215	Female Washroom	Walls		Drywall Mud Compound	No	Sample Rep.	B67-ASB.14	23-Nov-17	No Asbestos Detected							Corridor 216 - Drywall Mud Compound Within the Ceiling Space Adjacent Room 215.				
2	215	Female Washroom	Walls	Concrete Block	Empty Block Cavity	No															North wall adjacent Stairwell C.
2	215	Female Washroom	Floor	Sheet Flooring	Beige Flooring	No	Sample Rep.	B67-ASB.5	01-Oct-13	No Asbestos Detected							216 Corridor -Beige Sheet Flooring				
2	215	Female Washroom	Floor	Final Layer	Concrete	No															
2	215	WR	Ceiling	Drywall Mud Compound		No	Sample Rep.	B67-ASB.14	23-Nov-17	No Asbestos Detected							Corridor 216 - Drywall Mud Compound Within the Ceiling Space Adjacent Room 215.				
2	215	WR	Ceiling Space	Q-Deck Surface	Metal	No															
2	215	WR	Ceiling Space	Mechanical	Fiberglass Insulation	No															
2	215	WR	Walls	Drywall Mud Compound		No	Sample Rep.	B67-ASB.14	23-Nov-17	No Asbestos Detected							Corridor 216 - Drywall Mud Compound Within the Ceiling Space Adjacent Room 215.				
2	215	WR	Floor	Sheet Flooring	Beige Flooring	No	Sample Rep.	B67-ASB.5	01-Oct-13	No Asbestos Detected							216 Corridor -Beige Sheet Flooring				
2	215	WR	Floor	Final Layer	Concrete	No															
2	215	Female Washroom Shower	Ceiling	Drywall Mud Compound		No	Sample Rep.	B67-ASB.14	23-Nov-17	No Asbestos Detected							Corridor 216 - Drywall Mud Compound Within the Ceiling Space Adjacent Room 215.				
2	215	Female Washroom Shower	Ceiling Space	Q-Deck Surface	Metal	No															
2	215	Female Washroom Shower	Ceiling Space	Mechanical	Fiberglass Insulation	No															
2	215	Female Washroom Shower	Walls	Plaster / Skim Coat		No															
2	215	Female Washroom Shower	Floor	Final Layer	Concrete	No															
2	216	Corridor	Ceiling	Ceiling Tile	2' X 4' Suspended Ceiling	No	Sample	B67-ASB.13	01-Oct-13	No Asbestos Detected							216 Corridor - 2' X 4' Ceiling tile with a pinhole / texture pattern at the double doors to office adj. 205.				
2	216	Corridor	Ceiling Space	Q-Deck Surface	Metal	No															
2	216	Corridor	Ceiling Space	Mechanical	Fiberglass Insulation	No															
2	216	Corridor	Walls	Drywall Mud Compound		No	Sample	B67-ASB.14	23-Nov-17	No Asbestos Detected							Corridor 216 - Drywall Mud Compound Within the Ceiling Space Adjacent Room 215.				
2	216	Corridor	Walls	Concrete Block	Empty Block Cavity	No															
2	216	Corridor	Floor	Sheet Flooring	Beige Flooring	No	Sample	B67-ASB.5	01-Oct-13	No Asbestos Detected							Corridor 216 - Beige Sheet Flooring				
2	216	Corridor	Floor	Final Layer	Concrete	No															
2	217	Driver's Lounge	Ceiling	Ceiling Tile		No	Sample Rep.	B67-ASB.11	23-Nov-17	No Asbestos Detected							214 Female Driver's Rest Area -2' X 4' Two-hole Pattern Ceiling Tile				
2	217	Driver's Lounge	Ceiling	Drywall Mud Compound		No	Sample Rep.	B67-ASB.14	23-Nov-17	No Asbestos Detected							Corridor 216 - Drywall Mud Compound Within the Ceiling Space Adjacent Room 215.				
2	217	Driver's Lounge	Ceiling Space	Q-Deck Surface	Metal	No															
2	217	Driver's Lounge	Ceiling Space	Mechanical	Fiberglass Insulation	No															
2	217	Driver's Lounge	Walls	Drywall Mud Compound		No	Sample Rep.	B67-ASB.14	23-Nov-17	No Asbestos Detected							Corridor 216 - Drywall Mud Compound Within the Ceiling Space Adjacent Room 215.				
2	217	Driver's Lounge	Walls	Fiberglass Insulation / Exterior Metal Cladding	North Wall	No															
2	217	Driver's Lounge	Floor	Vinyl Floor Tile	1' X 1' Beige w Grey Brush Marks	No	Sample	B67-ASB.15	23-Nov-17	No Asbestos Detected							217 - 1' X 1' Beige w Grey Brush Marks				
2	217	Driver's Lounge	Floor	Final Layer	Concrete	No															
2	218	Staff Lounge	Ceiling	Ceiling Tile	2' X 4' Suspended Ceiling	No	Sample	B67-ASB.4	16-Nov-17	No Asbestos Detected							218 Staff Lounge -2' X 4' Two-hole Pattern Ceiling Tile				
2	218	Staff Lounge	Ceiling Space	Q-Deck Surface	Metal	No															
2	218	Staff Lounge	Ceiling Space	Mechanical	Fiberglass Insulation	No															

Service and Storage Buildings - 88 King Street - 2017 **Bersch Consulting Ltd.**

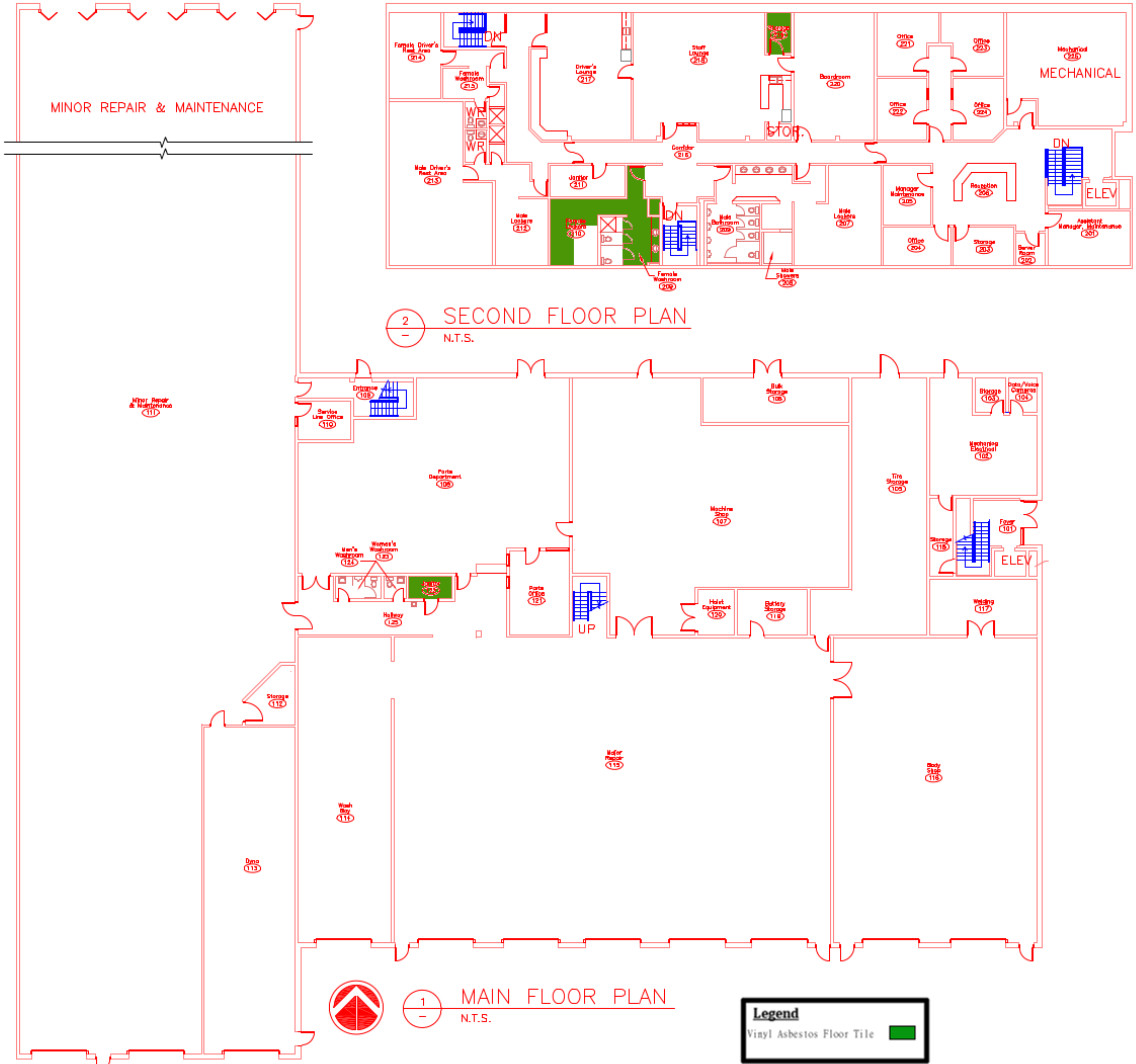
Floor	Number	Area	Elements	Sub Elements	Material Description	Suspect	Sample / Rep	Sample ID	DD/MM/YY	Asbestos Type	Asbestos %	ACM Product	Friable	Condition	Quantity	Priority	Sample Location	ACM In Area	Condition	Action	Comments
2	218	Staff Lounge	Walls	Drywall Mud Compound		No	Sample	B67-ASB.3	16-Nov-17	No Asbestos Detected							218 Staff Lounge - Drywall Mud Compound Compilation Wall Sample				Empty wall cavities steel studs.
2	218	Staff Lounge	Walls	Fiberglass Insulation / Exterior Metal Cladding	North Wall	No															North wall cavity.
2	218	Staff Lounge	Floor	Sheet Flooring	Beige Flooring	No	Sample Rep.	B67-ASB.5	01-Oct-13	No Asbestos Detected							216 Corridor -Beige Sheet Flooring				
2	218	Staff Lounge	Floor	Final Layer	Concrete	No															
2	218	Staff Lounge	Counter Top	Wood	Arborite Surface	No															
2	219	Storage	Ceiling	Ceiling Tile	2' X 4' Suspended Ceiling	No	Sample Rep.	B67-ASB.11	23-Nov-17	No Asbestos Detected							218 Staff Lounge -2' X 4' Two-hole Pattern Ceiling Tile	Floor Tile			
2	219	Storage	Ceiling Space	Q-Deck Surface	Metal	No												Floor Tile			
2	219	Storage	Ceiling Space	Mechanical	Fiberglass Insulation	No												Floor Tile			
2	219	Storage	Walls	Drywall Mud Compound		No	Sample Rep.	B67-ASB.3	16-Nov-17	No Asbestos Detected							218 Staff Lounge - Drywall Mud Compound Compilation Wall Sample	Floor Tile			
2	219	Storage	Walls	Fiberglass Insulation / Exterior Metal Cladding	North Wall	No												Floor Tile			
2	219	Storage	Floor	Vinyl Floor Tile	1' x 1' Floor Tile White w Faint Brown & Grey Streaks	Yes	Sample	B67-ASB.9	21-Nov-17	Chrysotile	1-5%	Vinyl Asbestos Tile	No	Good	45 ft^2	3	219 Storage - 1' X 1' White w Faint Brown & Grey Streaks.	Floor Tile	Good	Manage	
2	219	Storage	Floor	Final Layer	Concrete	No															
2	220	Boardroom	Ceiling	Ceiling Tile	2' X 4' Suspended Ceiling	No	Sample Rep.	B67-ASB.11	23-Nov-17	No Asbestos Detected							218 Staff Lounge -2' X 4' Two-hole Pattern Ceiling Tile				
2	220	Boardroom	Ceiling Space	Q-Deck Surface	Metal	No															
2	220	Boardroom	Ceiling Space	Mechanical	Fiberglass Insulation	No															
2	220	Boardroom	North & South Walls	Drywall Mud Compound		No	Sample Rep.	B67-ASB.3	16-Nov-17	No Asbestos Detected							218 Staff Lounge - Drywall Mud Compound Compilation Wall Sample				
2	220	Boardroom	East & West Walls	Drywall	Vinyl Covered Gypsum	No															
2	220	Boardroom	Wall	Fiberglass Insulation / Exterior Metal Cladding	North Wall	No															North wall cavity.
2	220	Boardroom	Floor	Carpet		No															
2	220	Boardroom	Floor	Final Layer	Concrete	No															
2	221	Office	Ceiling	Ceiling Tile	2' X 4' Suspended Ceiling	No	Sample Rep.	B67-ASB.11	23-Nov-17	No Asbestos Detected							218 Staff Lounge -2' X 4' Two-hole Pattern Ceiling Tile				
2	221	Office	Ceiling Space	Q-Deck Surface	Metal	No															
2	221	Office	Ceiling Space	Mechanical	Fiberglass Insulation	No															
2	221	Office	North Wall	Drywall Mud Compound		No	Sample	B67-ASB.1	16-Nov-17	No Asbestos Detected							203,206,221,222 Drywall Mud Compound Compilation Wall Sample.				
2	221	Office	East & West & South Walls	Drywall	Vinyl Covered Gypsum	No															
2	221	Office	Wall	Fiberglass Insulation / Exterior Metal Cladding	North Wall	No															North wall cavity.
2	221	Office	Floor	Sheet Flooring	Beige Flooring	No	Sample Rep.	B67-ASB.5	01-Oct-13	No Asbestos Detected							216 Corridor -Beige Sheet Flooring				
2	221	Office	Floor	Final Layer	Concrete	No															
2	222	Office	Ceiling	Ceiling Tile	2' X 4' Suspended Ceiling	No	Sample Rep.	B67-ASB.11	23-Nov-17	No Asbestos Detected							218 Staff Lounge -2' X 4' Two-hole Pattern Ceiling Tile				
2	222	Office	Ceiling Space	Q-Deck Surface	Metal	No															
2	222	Office	Ceiling Space	Mechanical	Fiberglass Insulation	No															
2	222	Office	East Wall	Drywall Mud Compound		No	Sample	B67-ASB.1	16-Nov-17	No Asbestos Detected							203,206,221,222 Drywall Mud Compound Compilation Wall Sample.				
2	222	Office	North, South & West Walls	Drywall	Vinyl Covered Gypsum	No															
2	222	Office	Wall	Fiberglass Insulation / Exterior Metal Cladding	North Wall	No															North wall cavity.
2	222	Office	Floor	Carpet		No															
2	222	Office	Floor	Final Layer	Concrete	No															
2	223	Office	Ceiling	Ceiling Tile	2' X 4' Suspended Ceiling	No	Sample Rep.	B67-ASB.11	23-Nov-17	No Asbestos Detected							218 Staff Lounge -2' X 4' Two-hole Pattern Ceiling Tile				
2	223	Office	Ceiling	Ceiling Tile	2' X 4' Suspended Ceiling	No	Sample Rep.	B67-ASB.13	01-Oct-13	No Asbestos Detected							216 Corridor -2' X 4' Pinhole / Texture Pattern Ceiling Tile at the Double Doors to Office Adj. 205.				
2	223	Office	Ceiling Space	Q-Deck Surface	Metal	No															
2	223	Office	Ceiling Space	Mechanical	Fiberglass Insulation	No															
2	223	Office	North & East Walls	Drywall Mud Compound		No	Sample Rep.	B67-ASB.3	16-Nov-17	No Asbestos Detected							218 Staff Lounge - Drywall Mud Compound Compilation Wall Sample				
2	223	Office	West & South Walls	Drywall	Vinyl Covered Gypsum	No															
2	223	Office	Wall	Fiberglass Insulation / Exterior Metal Cladding	North Wall	No															North wall cavity.
2	223	Office	Floor	Sheet Flooring	Beige Flooring	No	Sample Rep.	B67-ASB.5	01-Oct-13	No Asbestos Detected							216 Corridor -Beige Sheet Flooring				
2	223	Office	Floor	Final Layer	Concrete	No															
2	224	Office	Ceiling	Ceiling Tile	2' X 4' Suspended Ceiling	No	Sample Rep.	B67-ASB.11	23-Nov-17	No Asbestos Detected							218 Staff Lounge -2' X 4' Two-hole Pattern Ceiling Tile				
2	224	Office	Ceiling	Ceiling Tile	2' X 4' Suspended Ceiling	No	Sample Rep.	B67-ASB.13	01-Oct-13	No Asbestos Detected							216 Corridor -2' X 4' Pinhole / Texture Pattern Ceiling Tile at the Double Doors to Office Adj. 205.				
2	224	Office	Ceiling Space	Q-Deck Surface	Metal	No															
2	224	Office	Ceiling Space	Mechanical	Fiberglass Insulation	No															
2	224	Office	South Wall	Drywall Mud Compound		No	Sample Rep.	B67-ASB.3	16-Nov-17	No Asbestos Detected							218 Staff Lounge - Drywall Mud Compound Compilation Wall Sample				

Service and Storage Buildings - 88 King Street - 2017 **Bersch Consulting Ltd.**

Floor	Number	Area	Elements	Sub Elements	Material Description	Suspect	Sample / Rep	Sample ID	DD/MM/YY	Asbestos Type	Asbestos %	ACM Product	Friable	Condition	Quantity	Priority	Sample Location	ACM In Area	Condition	Action	Comments
2	224	Office	North, East & West Walls	Drywall	Vinyl Covered Gypsum	No															
2	224	Office	Wall	Fiberglass Insulation / Exterior Metal Cladding	North Wall	No															North wall cavity.
2	224	Office	Floor	Carpet		No															
2	224	Office	Floor	Final Layer	Concrete	No															
2	225	Mechanical	Ceiling	Drywall Mud Compound		No	Sample	B67-ASB.11	07-Mar-14	No Asbestos Detected							225 Mechanical - Drywall Mud Compound Compilation Ceiling Sample	Tar Coating			
2	225	Mechanical	Ceiling Space	Q-Deck Surface	Metal	No												Tar Coating			
2	225	Mechanical	Ceiling Space	Mechanical	Fiberglass Insulation	No												Tar Coating			
2	225	Mechanical	Walls	Drywall Mud Compound		No	Sample Rep.	B67-ASB.11	07-Mar-14	No Asbestos Detected							225 Mechanical - Drywall Mud Compound Compilation Ceiling Sample	Tar Coating			
2	225	Mechanical	North & East Walls	Fiberglass Insulation / Exterior Metal Cladding		No												Tar Coating			North & east wall cavities.
2	225	Mechanical	North, East & West Walls	Drywall	Vinyl Covered Gypsum	No												Tar Coating			
2	225	Mechanical	Interior S.A. S-1 Intake Air - Wall		Tar Coating	Yes	Sample	B67-ASB.7	16-Nov-17	Chrysotile	1 to 5	Tar	No	Good	200 ft^2	3	225 Mechanical - Black Tar Coating Within the Intake Air Plenum Along the North Wall.	Tar Coating	Good	Manage	Fiberglass insulation coated with tar at the insulation edges within the intake plenum in the north wall.
2	225	Mechanical	Interior S.A. S-1 Intake Air - Wall	Insulation	Fiberglass Insulation	No												Tar Coating			
2	225	Mechanical	Mechanical	Boiler Breeching	Mud Compound	No	Sample	B67-ASB.1	07-Mar-14	No Asbestos Detected							225 Mechanical - Boiler Exhaust Breeching	Tar Coating			
2	225	Mechanical	Mechanical	Pipelines	Pipefitting Mud Lineal Fiberglass	No	Sample	B67-ASB.2	07-Mar-14	No Asbestos Detected							225 Mechanical - DCW pipeline fitting at the south end of hot water tank.	Tar Coating			
2	225	Mechanical	Mechanical	Pipelines	Pipefitting Mud Lineal Fiberglass	No	Sample	B67-ASB.3	07-Mar-14	No Asbestos Detected							225 Mechanical - DHWR Small Pipeline fitting.	Tar Coating			
2	225	Mechanical	Mechanical	Pipelines	Pipefitting Mud Lineal Fiberglass	No	Sample	B67-ASB.4	07-Mar-14	No Asbestos Detected							225 Mechanical - HWR Medium pipeline mud compound at hanger adj. to south wall.	Tar Coating			
2	225	Mechanical	Mechanical	Pipelines	Pipefitting Mud Lineal Fiberglass	No	Sample	B67-ASB.5	07-Mar-14	No Asbestos Detected							225 Mechanical - Pipeline fitting on small DHW tank at south wall.	Tar Coating			
2	225	Mechanical	Mechanical	Pipelines	Pipefitting Mud Lineal Fiberglass	No	Sample	B67-ASB.6	07-Mar-14	No Asbestos Detected							225 Mechanical - Pipeline fitting on medium overhead HWS line at the north end of storage tank.	Tar Coating			
2	225	Mechanical	Mechanical	Insulation	Lineal Pipeline Insulation	No	Sample	B67-ASB.7	07-Mar-14	No Asbestos Detected							225 Mechanical - Medium glycol pipeline insulation adj. converter adj. to east wall.	Tar Coating			
2	225	Mechanical	Mechanical	Mud Compound	Converter Tank	No	Sample	B67-ASB.8	07-Mar-14	No Asbestos Detected							225 Mechanical - Mud compound on converter tank adj. to east wall.	Tar Coating			
2	225	Mechanical	Mechanical	Insulation	Pipeline Lineal Insulation	No	Sample	B67-ASB.9	07-Mar-14	No Asbestos Detected							225 Mechanical - Lineal pipeline insulation on medium HWS at south end of boiler.	Tar Coating			
2	225	Mechanical	Mechanical	Insulation	Duct Insulation	No	Sample	B67-ASB.10	07-Mar-14	No Asbestos Detected							225 Mechanical - Insulation on duct above Supply Fan S-1.	Tar Coating			
2	225	Mechanical	Mechanical	Ducting Vibration Gasket	Vibration Gasket on S.A. Fan S-1 to Intake Duct	No	Sample	B67-ASB.6	16-Nov-17	No Asbestos Detected							225 Mechanical - Vibration Gasket on S.A. S-1 Duct at Joiner to Intake Duct, on North Side of Unit.	Tar Coating			
2	225	Mechanical	Floor	Final Layer	Concrete	No												Tar Coating			
R	Exterior	Rooftop	Roof	Asphalt	Black Tar	No															The owner stated the roof was replaced in 2007 or so.
R	Exterior	Rooftop	Roof	Insulation		Yes															Not certain what was replaced during the re-roofing project. Not likely the roof insulation contains asbestos.
R	Exterior		Walls	Brick / Mortar		No															The exterior brick/mortar was cored through, no vermiculite within cold space and no vermiculite within concrete block.
R	Exterior		Walls	Thin Layer Behind Brick / Mortar	Fiberglass	No															
R	Exterior		Walls	Concrete Block	Empty Block Cavity	No															
STORAGE BUILDING																					
M			Roof	Metal	Exterior Cladding	No															
M			Ceiling	Insulation	Fiberglass	No															
			Ceiling	Metal	Interior Liner	No															
M			Walls	Metal	Interior Liner	No															
M			Walls	Insulation	Fiberglass	No															
M			Walls	Metal	Exterior Cladding	No															
M			Floor	Concrete		No															
M			Mechanical	Pipelines	Pipefitting Mud Compound	No	Sample	B67-ASB.1	07-Mar-14	No Asbestos Detected							Storage Building - Small overhead pipeline fitting on pipeline in the 3rd Bay from the west.				
M			Mechanical	Pipeline Lineal Insulation	Fiberglass	No	Sample	B67-ASB.2	07-Mar-14	No Asbestos Detected							Storage Building - Lineal pipeline insulation overhead on pipeline in the 3rd Bay from the west.				
M			Mechanical	Pipeline Penetration	Fire-stop	No	Sample	B67-ASB.3	07-Mar-14	No Asbestos Detected							Storage Building - Fire-stop material at the pipeline penetration into the lower west wall adjacent the compressor.				
M			Mechanical	Pipelines	Pipefitting Mud Compound	No	Sample	B67-ASB.4	07-Mar-14	No Asbestos Detected							Storage Building - Small overhead pipeline fitting on pipeline in the middle of Bay 9.				
M			Mechanical	Pipelines	Pipefitting Mud Compound	No	Sample	B67-ASB.5	07-Mar-14	No Asbestos Detected							Storage Building - Small overhead pipeline fitting on pipeline adjacent the west wall.				
M		East Structure	Ceiling	Drywall Mud Compound		No	Sample Rep.	B67-ASB.1	23-Nov-17	No Asbestos Detected							Storage Building - Drywall mud compound wall compilation sample on the structure constructed in the east interior of the building.				
M		East Structure	Walls	Drywall Mud Compound		No	Sample	B67-ASB.1	23-Nov-17	No Asbestos Detected							Storage Building - Drywall mud compound wall compilation sample on the structure constructed in the east interior of the building.				
M		East Structure	Floor	Concrete		No															

APPENDIX III

FLOOR PLANS



MINOR REPAIR & MAINTENANCE
MECHANICAL
SECOND FLOOR PLAN
2
N.T.S.
MAIN FLOOR PLAN
1
N.T.S.
Legend
Vinyl Asbestos Floor Tile

APPENDIX IV

CITY OF SASKATOON DOOR JAMB LABELS

CITY OF SASKATOON
HAZMAT ASSESSMENT FOR CONFIDENTIAL BUILDING

City of Saskatoon Door Jamb Labels

City of Saskatoon

Asbestos Management Program

DANGER - Asbestos fibres can be dangerous to health

ACM = asbestos containing material
S = Suspect ACM
C = Confirmed ACM

Room Assessed:

Material	S	C
	☐	☐
	☐	☐
	☐	☐
	☐	☐
	☐	☐

City of Saskatoon Asbestos Registry:

Health Hazard – may cause or suspect of causing serious health effects (WHMIS 2015)

Exclamation Mark – may cause less serious health effects(WHMIS 2015)