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 2 nd 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.

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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.

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Appendix I Hazardous Material Analysis

1: Asbestos 2: Lead

3: Mold

Appendix II Asbestos Database Appendix III Floor Plans

Appendix IV Door Jamb Label

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 2^{nd} 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). <u>Guidelines on Assessment and Remediation of Fungi in Indoor Environments</u>. 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/m³ (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). <u>Guidelines on Assessment and Remediation of Fungi in Indoor Environments</u>. 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

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



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 <u>was not</u> 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.



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

B67BAK16G

244-2002 Quebec Avenue Saskatoon, SK S7K 1W4

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 <u>w</u> 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

B67BAK16G

244-2002 Quebec Avenue Saskatoon, SK S7K 1W4

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

B67BAK16G

244-2002 Quebec Avenue Saskatoon, SK S7K 1W4

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 <u>w</u> 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

B67BAK23G

244-2002 Quebec Avenue Saskatoon, SK S7K 1W4

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	0/0	ANALYST
1	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

B03BAC07

Box 3568

Humboldt, Sask. S0K 2A0

BULK SAMPLE ANALYSIS REPORT

PROJECT NO. B03.14

CLIENT: Saskatchewan Transportation Co.

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

B03BAC07

Box 3568

Humboldt, Sask. S0K 2A0

BULK SAMPLE ANALYSIS REPORT

PROJECT NO. B03.14

CLIENT: Saskatchewan Transportation Co.

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

B03BAC07

Box 3568

Humboldt, Sask. S0K 2A0

BULK SAMPLE ANALYSIS REPORT

PROJECT NO. B03.14

CLIENT: Saskatchewan Transportation Co.

NO.	DATE	SAMPLE INFORMATION	ASBESTOS	0/0	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

B03BAC07

Box 3568

Humboldt, Sask. S0K 2A0

BULK SAMPLE ANALYSIS REPORT

PROJECT NO. B03.14

CLIENT: Saskatchewan Transportation Co.

NO.	DATE	SAMPLE INFORMATION	ASBESTOS	0/0	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

B03BAC07

Box 3568

Humboldt, Sask. S0K 2A0

BULK SAMPLE ANALYSIS REPORT

PROJECT NO. B03.14

CLIENT: Saskatchewan Transportation Co.

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

B03BAC07

Box 3568

Humboldt, Sask. S0K 2A0

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 Sasaktoon 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

B03BAJ01

Box 3568

Humboldt, Sask. S0K 2A0

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	compilation of the mud compound on the pipeline fittings along the ceiling adjacent the Bus Garage	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

B03BAJ01

Box 3568

Humboldt, Sask. S0K 2A0

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.



Photo 2: 219 Storage Room – 1' X 1' Floor Tile White \underline{w} Faint Brown & Grey Streaks. Asbestos Containing Material.

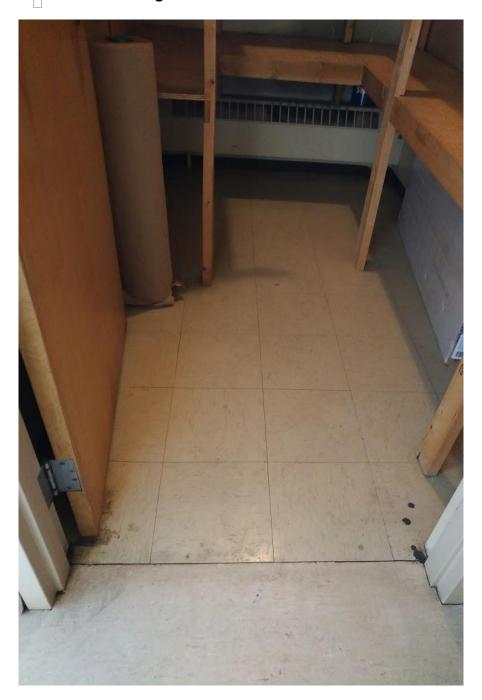


Photo 3: 210 Female Locker Room – 1' X 1' Floor Tile White \underline{w} Grey Streaks. Asbestos Containing Material.



Photo 4: 209 Female Washroom – 1' X 1' Floor Tile White \underline{w} Grey Streaks. Asbestos Containing Material.

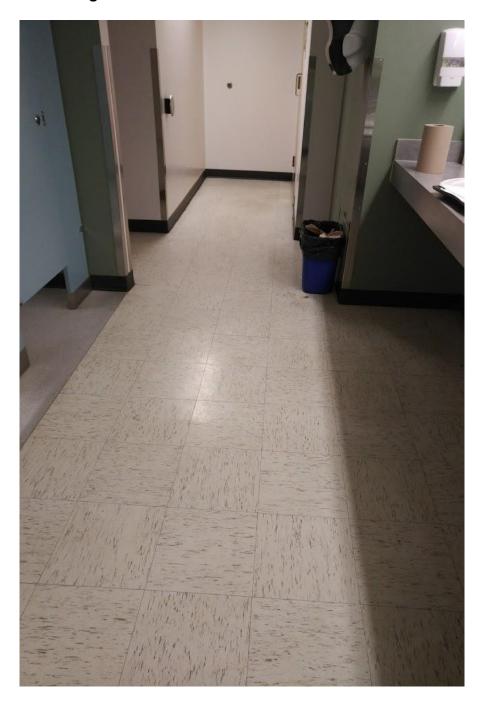
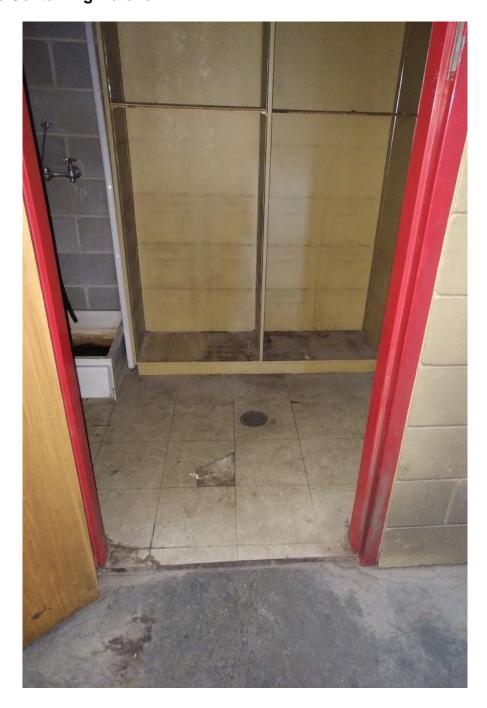


Photo 5: 122 Janitor Room – 1' X 1' Floor Tile Beige \underline{w} Faint Grey Streaks. Asbestos Containing Material.



Appendix I – 2: Lead



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:

- \blacksquare 1 mg/cm²
- 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/m³) and 15-minute average contamination limit (0.15 mg/m³) 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.

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/m³ (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

289-997-4602 / (289) 997-4607

http://www.EMSL.com torontolab@emsl.com CustomerID: CustomerPO: 55BEAL80B 88 KING STREET

551713086

ProjectID:

EMSL Canada Or

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

Phone: Fax:

(306) 222-7477

Received: Collected: 11/24/17 9:00 AM

11/23/2017

Project: 88 KING STREET

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

Client Sample D	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	
_3	551713086-0003 11/23/2017 11/24/2017	3900 ppm
	Site: 212 SHOWER FLOOR	
_4	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

Phone: (306) 222-7477

Fax:

Received: 11/28/17 10:24 AM

EMSL Canada Or

CustomerID:

CustomerPO:

ProjectID:

551713201

55BEAL80B

B67

Collected: 11/24/2017

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

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 Fac	cility East Por	ion	
L6	551713201-0002	11/24/2017	11/28/2017	2200 ppm
	Site: Storage Fac	cility West Po	rtion	

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



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). <u>Guidelines on Assessment and Remediation of Fungi in Indoor Environments</u>. 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

Photo 1: 225 Mechanical - Ceiling Water Staining



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







EXPANDED FUNGAL REPORT

TM

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



Environmental resumg Cert #2043.00





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 Low	1 to 10 11 to 100
Medium	101 to 1000
High	> 1000

Sneha Panchal, M.Sc.,RMCCM Laboratory Manager

lHanehal

EMSL maintains liability limited to cost of analysis. 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 or analytical method limitations. Interpretation of the data contained in this report is the responsibility of the client. Samples received in good condition unless otherwise noted.

A2LA Accredited Environmental Testing Cert #2845.08

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

		_			Material				Asbestos	Asbestos	ACM				Г	I		1		
Floor	Number	Area	Elements	Sub Elements	Description	Suspect	Sample / Rep	Sample ID	DD/MM/YY Type	%	Product	Friable	Condition	Quantity	Priority	Sample Location	ACM In Area	Condition	Action	Comments
				Drywall Mud					No Asbestos							125 Hallway -Drywall Mud Compound Compilation				
м	101	Foyer	Ceiling	Compound		No	Sample Rep.	B67-ASB.19	23-Nov-17 Detected							Ceiling Sample				
		7			Blue Anti-Slip w				No							Stairwell B				
м	101	Foyer	Floor	Sheet Flooring	Raised Square Pattern	No	Sample Rep.	B67-ASB.23	Asbestos 23-Nov-17 Detected							-Blue Anti-slip Flooring with Raised Square Pattern on the Floor.				
M	101	Foyer	Floor	Final Layer	Concrete	No	Cumpic resp.	DOT FINDDLES	20 NOV 17 DOLLOW							oquate i atom on the moor.				
м	101	Foyer	Walls	Brick	Brown Brick & Mortar	No														
М	101	royei	vvalis	DIICK	World	INU			No											
									Asbestos							102 Electrical				
M	102	Electrical	Ceiling	Fireproofing	Spray-Applied	No	Sample	B67-ASB.36	07-Mar-14 Detected							- Spray-applied fireproofing on ceiling. 102 Electrical				
					Pipefitting Mud				Asbestos							- Medium overhead HWR pipefitting adj.				
M	102	Electrical	Ceiling Space	Mechanical	Lineal Fiberglass	No	Sample	B67-ASB.33	07-Mar-14 Detected							to south wall.				
					Pipefitting Mud				No Asbestos							102 Electrical - Medium overhead HWS pipefitting adj.				
M	102	Electrical	Ceiling Space	Mechanical	Lineal Fiberglass	No	Sample	B67-ASB.34	07-Mar-14 Detected							to south wall.				
					Pipefitting Mud				No Asbestos							102 Electrical - Small overhead DCW pipefitting adj. to				
M	102	Electrical	Ceiling Space	Mechanical	Lineal Fiberglass	No	Sample	B67-ASB.35	07-Mar-14 Detected							south wall.				
M	102	Electrical	Floor	Concrete		No														
м	102	Electrical	Walls	Concrete Block	Empty Block Cavity	No														
									No							125 Hallway				
м	102	Electrical	Walls	Drywall Mud Compound		No	Sample Rep.	B67-ASB.19	Asbestos 23-Nov-17 Detected							-Drywall Mud Compound Compilation Ceiling Sample				
m	102	Electrical	vvalis	Compound		INU	Sample Rep.	B07-A3B.19	No No											
									Asbestos							102 Electrical				
M	103	Storage	Ceiling	Fireproofing	Spray-Applied	No	Sample Rep.	B67-ASB.36	07-Mar-14 Detected No	 					1	- Spray-applied fireproofing on ceiling. 102 Electrical	 	1 -		
					Pipefitting Mud				Asbestos							 Small overhead DCW pipefitting adj. to 				
M M	103 103	Storage Storage	Ceiling Space Floor	Mechanical Concrete	Lineal Fiberglass	No No	Sample Rep.	B67-ASB.35	07-Mar-14 Detected						-	south wall.		1 1		
m	103	ororade	FIUUI	Concrete	Empty Block Cavity	INU									t			1		
1	45-	Pters	Mr. III	Commercial Street	Cold Space /	N -														
М	103	Storage	Walls	Concrete Block	Exterior Brick	No			No						-	125 Hallway	-	1		
				Drywall Mud					Asbestos							-Drywall Mud Compound Compilation				
M	103	Storage	Walls	Compound		No	Sample Rep.	B67-ASB.19	23-Nov-17 Detected No							Ceiling Sample				
									No Asbestos							102 Electrical				
M	104	Data	Ceiling	Fireproofing	Spray-Applied	No	Sample Rep.	B67-ASB.36	07-Mar-14 Detected							- Spray-applied fireproofing on ceiling.				
					Discourse and the				No							102 Electrical				
м	104	Data	Ceiling Space	Mechanical	Pipefitting Mud Lineal Fiberglass	No	Sample Rep.	B67-ASB.35	Asbestos 07-Mar-14 Detected						1	 Small overhead DCW pipefitting adj. to south wall. 				
M	104	Storage	Floor	Concrete		No														
					Empty Block Cavity Cold Space /															
M	104	Storage	Walls	Concrete Block	Exterior Brick	No														
									No							125 Hallway -Drywall Mud Compound Compilation				
м	104	Storage	Walls	Drywall Mud Compound		No	Sample Rep.	B67-ASB.19	Asbestos 23-Nov-17 Detected							-Drywall Mud Compound Compilation Ceiling Sample				
- "	104	Ciorage	Walls	Compound		140	Sample Kep.	D07-A3D.18	No No											
м	405	T	0.77	F	0			D07 40D 47	07-Mar-14 Detected							105 Tire Storage - Spray-applied fireproofing on ceiling				
М	105	Tire Storage	Ceiling	Fireproofing	Spray-Applied	No	Sample	B67-ASB.17	07-Mar-14 Detected No											
					Pipefitting Mud				Asbestos							105 Tire Storage				
M	105	Tire Storage	Ceiling Space	Mechanical	Lineal Fiberglass	No	Sample	B67-ASB.14	07-Mar-14 Detected No							- Small DHW pipefitting.				
					Pipefitting Mud				Asbestos							105 Tire Storage				
M	105	Tire Storage	Ceiling Space	Mechanical	Lineal Fiberglass	No	Sample	B67-ASB.15	07-Mar-14 Detected							- Medium DCW pipefitting.				
					Pipefitting Mud				No Asbestos							105 Tire Storage				
м	105	Tire Storage	Ceiling Space	Mechanical	Lineal Fiberglass	No	Sample	B67-ASB.16	07-Mar-14 Detected							- Small DHWR pipefitting.				
M	105	Tire Storage	Floor	Concrete		No														
					Empty Block Cavity Cold Space /															
M	105	Tire Storage	Walls	Concrete Block	Cold Space / Exterior Brick	No														
									No Asbestos							107 Machine Shop - Spray-applied fireproofing on ceiling				
м	106	Bulk Storage	Ceiling	Fireproofing	Spray-Applied	No	Sample Rep.	B67-ASB.1	01-Oct-13 Detected							and trusses.				
																107 Machine Shop				
1									No						1	Domestic water line compilation of the mud compound on the pipeline fitting.				
1					Pipefitting Mud				Asbestos				[]		1	mud compound on the pipeline fitting along the ceiling adj. the Bus Garage		1		
M	106	Bulk Storage	Ceiling Space	Mechanical	Lineal Fiberglass	No	Sample Rep.	B67-ASB.2	01-Oct-13 Detected						1	Doors.		1		
M	106	Bulk Storage	Floor	Concrete	Empty Block Cavity	No									1			1		
1					Cold Space /								[]		1			1		
M	106	Bulk Storage	Walls	Concrete Block	Exterior Brick	No			No						-	125 Hallway	-			
1				Drywall Mud					Asbestos				[]		1	-Drywall Mud Compound Compilation		1		
M	106	Bulk Storage	Walls	Compound	Upper wall	No	Sample Rep.	B67-ASB.19	23-Nov-17 Detected							Ceiling Sample				
									No Asbestos							107 Machine Shop - Spray-applied fireproofing on ceiling				
М	107	Machine Shop	Ceiling	Fireproofing	Spray-Applied	No	Sample	B67-ASB.1	01-Oct-13 Detected				L		<u></u>	and trusses.				
											-				1	and trusses. 107 Machine Shop				
1									No				[]		1	Domestic water line compilation of the mud compound on the pipeline fitting				
1					Pipefitting Mud				Asbestos				[]		1	along the ceiling adj. the Bus Garage				
M	107	Machine Shop	Ceiling Space	Mechanical	Lineal Fiberglass	No	Sample	B67-ASB.2	01-Oct-13 Detected							Doors. 107 Machine Shop				
					Pipefitting Mud				No Asbestos							 Small DHW pipefitting adi, storage 				
M	107	Machine Shop	Ceiling Space	Mechanical	Lineal Fiberglass	No	Sample	B67-ASB.23	07-Mar-14 Detected							room. 107 Machine Shop				
1 7					Pipefitting Mud				No Asbestos				1 7		1	107 Machine Shop - Small DCW pipefitting adj. to oil		1 7	· <u> </u>	
м	107	Machine Shop	Ceiling Space	Mechanical	Lineal Fiberglass	No	Sample	B67-ASB.24	07-Mar-14 Detected						1	storage.				
M	107	Machine Shop	Floor	Concrete		No														
1 7					Empty Block Cavity Cold Space /								1 7		1			1 7	· <u> </u>	
М	107	Machine Shop	Walls	Concrete Block	Exterior Brick	No														
									No							108 Parts Dept.				
м	108	Parts Department	Ceiling	Drywall Mud Compound		No	Sample	B67-ASB.3	Asbestos 01-Oct-13 Detected						1	-Drywall mud compound at the ceiling patch above the 121 office doorway.				
m	100	. and department	Colling	Computitu		.40	oarripie	DUT AUD.U	No							108 Parts Dept	1	1 1		
1	400	Deute Dev	Callina Comm	Mark	Pipefitting Mud	N -	Control	De7 400 or	Asbestos						1	- Pipefitting adj. to overhead heating unit				
M	108	Parts Department Parts Department	Ceiling Space Ceiling Space	Mechanical Q-Deck Surface	Lineal Fiberglass Metal	No No	Sample	B67-ASB.25							 	on north wall.		1 1		
		,							No											
1	400	Parts Department	Floor	Concrete		No	Control	B67-ASB.17	Asbestos 23-Nov-17 Detected						1	108 - Concrete Floor at Column Adjacent 121.				
M	108	r aris Department	T100F	CONCrete	1	INO	Sample	DD1-MSB.1/	23-NOV-1/ Detected						1	1- Concrete Fluor at Column Adjacent 121.	1	1		

				Street - 2017	Material				Asbestos		ACM								
Floor	Number	Area	Elements	Sub Elements	Description	Suspect	Sample / Rep	Sample ID		Asbestos Pr	roduct	Friable	Condition	Quantity	Priority	Sample Location	ACM In Area	Condition Action	Comments
					Empty Block Cavity														
м	108	Parts Department	Walls	Concrete Block	Cold Space / Exterior Brick	No													
	100								No							125 Hallway			
м	109	Entrance	Ceiling	Drywall Mud Compound		No	Sample Rep.	B67-ASB.19	Asbestos 23-Nov-17 Detected							-Drywall Mud Compound Compilation Ceiling Sample			
M	109	Entrance	Ceiling Space	Q-Deck Surface	Metal	No	Cumple resp.	507 7105.10											
					Blue Anti-Slip w Raised Square				No Asbestos							Stairwell B -Blue Anti-slip Flooring with Raised			
M	109	Entrance	Floor	Sheet Flooring	Pattern	No	Sample Rep.	B67-ASB.23	23-Nov-17 Detected							Square Pattern on the Floor.			
M	109	Entrance	Floor	Final Layer	Concrete Empty Block Cavity	No													
					Cold Space /														
М	109	Entrance	Walls	Concrete Block	Exterior Brick	No			No							125 Hallway			
				Drywall Mud					Asbestos							-Drywall Mud Compound Compilation			
M M	110 110	Office Office	Ceiling Ceiling Space	Compound Q-Deck Surface	Metal	No No	Sample Rep.	B67-ASB.19	23-Nov-17 Detected							Ceiling Sample			
m	110	Ollice	Celling Space	Q-Deck Surface	1' x 1' Floor Tile	140			No										
м	110	Office	Floor	Vinyl Floor Tile	Blue/Light Blue Brush Marks	No	Sample Rep.	B67-ASB.4	Asbestos 01-Oct-13 Detected							211 Janitor - 1' X 1' Blue w Light & Dark Brush Marks			
M	110	Office	Floor	Final Layer	Concrete	No	Cumple resp.	507 7105.4	OT OUT TO DOLLOW							T X T Bide W Eight & Bulk Bredsh Warks			
м	110	Office	Walls	Concrete Block	Empty Block Cavity	No													
		Minor Repair &																	
М	111	Maintenance Minor Repair &	Ceiling	Q-Deck Surface	Metal	No													
M	111	Maintenance	Floor	Concrete		No													
		Minor Repair &							No Asbestos							111 - Concrete Slab in the Westmost Pit at			
M	111	Maintenance	Pit	Concrete		No	Sample	B67-ASB.22	23-Nov-17 Detected							the Surface Adjacent the Grating.			
1	l	Minor Repair &			Empty Block Cavity Cold Space /														
М	111	Maintenance Minor Repair &	Walls	Concrete Block	Exterior Brick	No													
м	111	Minor Repair & Maintenance	Walls	Cladding	Metal	No					T		Ι Τ						
	l		TT UNIO	Oludung															
м	111	Minor Repair & Maintenance	Walls	Insulation	Fiberglass Insulation Behind Interior Liner	No													
	<u> </u>		· · ·	modulori	Estate Interior Ester											111 Minor Repair			
		Minor Repair &			Pipefitting Mud				No Asbestos							- Medium Overhead DCW Pipeline Fitting on the East Wall Adjacent the			
M	111	Maintenance	Mechanical	Pipelines	Lineal Fiberglass	No	Sample	B67-ASB.21	23-Nov-17 Detected							Coach Drain Pump.			
		Minor Repair &			Pipefitting Mud				No Asbestos							111 Minor Repair - Wash area small overhead DCW			
M	111	Maintenance	Mechanical	Pipelines	Lineal Fiberglass	No	Sample	B67-ASB.28	07-Mar-14 Detected							pipefitting.			
		Minor Repair &			Pipefitting Mud				No Asbestos							111 Minor Repair - Small DCW pipefitting adj. to manual			
M	111	Maintenance	Mechanical	Pipelines	Lineal Fiberglass	No	Sample	B67-ASB.29	07-Mar-14 Detected							wash.			
		Minor Repair &			Pipefitting Mud				No Asbestos							111 Minor Repair - Small DCW pipefitting adj. to west wall,			
M	111	Maintenance	Mechanical	Pipelines	Lineal Fiberglass	No	Sample	B67-ASB.31	07-Mar-14 Detected							straight in from corridor.			
									No							111 Minor Repair			
		Minor Repair &							Asbestos							 Large roof drain fitting adj. to the west 			
М	111	Maintenance	Mechanical	Roof Drain	Mud Compound	No	Sample	B67-ASB.30	07-Mar-14 Detected No							wall, straight in from the corridor entry.			
		Minor Repair &							Asbestos							- Overhead duct insulation in center of			
М	111	Maintenance	Mechanical	Overhead Duct	Fiberglass Insulation Overhead Duct	No	Sample	B67-ASB.32	07-Mar-14 Detected							shop area			
		Minor Repair &			Green Gasket														The green vibration gasket material at the duct joints is
М	111	Maintenance	Mechanical	Vibration Gasket	Material	No										115 Major Repair			non asbestos material.
					Penetrating the				No							- Base of the 18-inch Vertical Duct in the			
м	111	Minor Repair & Maintenance	Mechanical	Large Diameter Ducts	Floor Along Center of the West Wall	No	Sample Rep.	B67-ASB.18	Asbestos 23-Nov-17 Detected							Northwest Corner Adjacent the Opening in the Wall to 114.			
M	112	Storage	Ceiling	Q-Deck Surface	Metal	No													
М	112	Storage	Floor	Concrete		No													
M	112	Storage	Walls	Concrete Block	Empty Block Cavity	No													
м	Upper 112	Compressor Room	Ceiling	Q-Deck Surface	Metal	No													
	Upper																		
М	112 Upper	Compressor Room	Floor	Concrete		No			 									 	
М	112 Upper	Compressor Room	Walls	Mesh Liner	Perforated Metal	No												+	
м	112	Compressor Room	Walls	Fiberglass		No													
	Unner								No			-				125 Hallway -Drywall Mud Compound Compilation			
м	Upper 112	Compressor Room	Walls	Drywall Mud Compound		No	Sample Rep.	B67-ASB.19	Asbestos 23-Nov-17 Detected						<u> </u>	-Drywall Mud Compound Compilation Ceiling Sample			
M	Upper		Walls		Empty Black Co. 1	No													
M	112	Compressor Room Dyno	Ceiling	Concrete Block Q-Deck Surface	Empty Block Cavity Metal	No No													
					DCW Pipefitting				No							111 Minor Repair - Medium Overhead DCW Pipeline			
					Mud / Lineal				Asbestos							Fitting on the East Wall Adjacent the			
M	113	Dyno	Mechanical	Pipelines	Fiberglass	No	Sample Rep.	B67-ASB.21	23-Nov-17 Detected No							Coach Drain Pump. 111 Minor Repair		+	
				Overhead Duct	Canvass Wrapped Foil-Faced				Asbestos							Overhead duct insulation in center of			
М	113	Dyno	Mechanical	Insulation	Fiberglass Overhead Duct	No	Sample Rep.	B67-ASB.32	07-Mar-14 Detected							shop area		+	
1	l				Green Gasket														
М	113	Dyno	Mechanical	Vibration Gasket	Material 12-inch Duct Riser	No							 			115 Major Repair		 	
1	l				Penetrating the				No							- Base of the 18-inch Vertical Duct in the			
	112	Durno	Machanica!	Large Diameter	Floor Along the East	No	Sample Per	D67 ACD 40	Asbestos							Northwest Corner Adjacent the Opening			
M		Dyno	Walls	Mesh Liner	Perforated Metal	No	Sample Rep.	B67-ASB.18	FO-MON-11 Detected							in the Wall to 114.			
М	113	Dyno	Walls	Fiberglass	Empty Block Cavity	No			 								-		
1	l				Cold Space /														
M M	113	Dyno Wash Bay	Walls	Concrete Block Q-Deck Surface	Exterior Brick Metal	No No												 	
M	114 114	Wash Bay Wash Bay	Ceiling Floor	Concrete	ividtali	No No										<u> </u>			
М	114	Wash Bay	Walls	Concrete Block	Empty Block Cavity	No													
m	114	vv doi! Ddy	vv dliS	CONTRACT DIOUX	Empty Block Cavity	140													
М	114	Wash Bay	Walls	Concrete Block	Cold Space / Exterior Brick	No													
m	. 14	rraul Day	vv dilo	CONTROL DIOUR	DCW Pipefitting	.*0			No									1 1	
м	114	Wash Bay	Mochanica!	Pipelines	Mud / Lineal	No	Sample	B67-ASB.22	Asbestos 07-Mar-14 Detected							114 Wash Bay			
		Major Repair	Mechanical Ceiling	Q-Deck Surface	Fiberglass Metal	No No	Sample	DUI-NOD.22	07-Mar-14 Detected							- Pipeline fitting at north wall.			

			and Storage Bu			Material				Asbestos	Asbestos	ACM			-			1		
	Floor	Number	Area	Elements	Sub Elements		Suspect	Sample / Rep	Sample ID				Friable	Condition	Quantity	Priority	Sample Location	ACM In Area	Condition Action	Comments
No. Column Colu															ĺ		115 Major Repair			
	м	115	Maior Repair	Mechanica!	Pinelines		No	Sample	B67-ASB 26								Pipeline fitting on DCW line adj. to the And hav from east			
No No No No No No No No		110	major repair	Wiconamous	1 pomico	DCW Pipefitting	140	Cumpic	DOT TOD.EU	No							115 Major Repair			
	м	115	Major Repair	Mechanical	Pinelines	Mud / Lineal Fiberglass	No	Sample	B67-ASB 27	07-Mar-14 Detected							Pipeline fitting on DHW line adj. to the And hav from east			
1			,			Canvass Wrapped		2		No							111 Minor Repair			
	м	115	Major Repair	Mechanical		Foil-Faced Fiberglass	No	Sample Rep.	B67-ASB.32											
No. Market Mark						Overhead Duct														
1	м	115	Major Repair	Mechanical	Vibration Gasket	Green Gasket Material	No													
			7			Large Diameter														
1						Duct Base Penetrating the				No							- Base of the 18-inch Vertical Duct in the			
1					Large Diameter	Floor in the				Asbestos							Northwest Corner Adjacent the Opening			
	M M	115	Major Repair Major Repair	Mechanical Floor	Duct Concrete	Northwest Corner	No No	Sample	B67-ASB.18	23-Nov-17 Detected							in the Wall to 114.			
1			7			Empty Block Cavity														
	м	115	Major Repair	Walls	Concrete Block	Cold Space / Exterior Brick	No													
1																				
1			7 - 1	,		DCW Pipefitting											116 Body Shop			
1	м	116	Body Shop	Mechanical	Pipelines		No	Sample	B67-ASB.20	07-Mar-14							 Small DCW pipeline fitting adj. north wall. 			
1					. ,															
1																	111 Minor Repair - Large roof drain fitting adi, to the west			Located overhead along centre of the North wall. The
	M	116	Body Shop	Mechanical	Roof Drain		No	Sample	B67-ASB.30								wall, straight in from the corridor entry.			
No. No. Section No.						Foil-Faced				Asbestos										
1	М	116	Body Shop	Mechanical		Fiberglass	No	Sample Rep.	B67-ASB.32		1									
1						Green Gasket														
1	M		Body Shop			Material				 	+-+									
1	M	116	buuy 500p	FIOOF	Concrete	Empty Block Cavity	140			 	 				+					1
1	l l	440	Dady Chan	Malle	Consesta Blasta	Cold Space /	N-													
1	M			vvalis																
1	М	116	Body Shop	Walls	Concrete Block	Empty Block Cavity	No			No	-									-
March Marc										Asbestos							117 Welding			
Mathematical Content	M	117	Welding	Ceiling	Fireproofing	Spray-Applied	No	Sample	B67-ASB.21	07-Mar-14 Detected							 Spray-applied fireproofing on north wall. 			
Mathematical Content						Pipefitting Mud											117 Welding			
Mathematical Content of the Conten	M	117	Welding	Ceiling Space	Mechanical	Lineal Fiberglass	No	Sample	B67-ASB.18								- Small overhead HWR pipefitting.			
No. Conference No. Confe						Pipefitting Mud				Asbestos							- Small overhead HWR pipefitting on			
No. 1			Welding	Ceiling Space	Mechanical	Lineal Fiberglass	No No	Sample	B67-ASB.19	07-Mar-14 Detected							north wall.			
Mathematical Control of Math		117	welding	11001	Concrete		140													
Mathematical Registration		117	Wolding	Walle	Concrete Block		No													
No.																				
No. 14 Strong	M	117	Welding	Walls	Concrete Block	Empty Block Cavity	No			No										
March Marc										Asbestos										
Mathematical Math	M				Fireproofing	Spray-Applied		Sample Rep.	B67-ASB.21	07-Mar-14 Detected							 Spray-applied fireproofing on north wall. 			
Part																				
March Marc	M	118	Storage	Walls	Concrete Block		No													
1 1 1 1 1 1 1 1 1 1						Mud / Lineal														
March State Stat	M	118 118 Area	Storage	Mechanical	Pipelines	Fiberglass	No													
15 Abre 15 A		Below																		
No. Stock	М	Stairs 118 Area	Storage	Ceiling	Q-Deck Surface	Metal	No													
Series S	l l	Below		_																
Mark Source Sou	М	Stairs 118 Area	Storage	Floor	Concrete		No													
M	l l		Storess	Wells	Concrete Blee'	Empty Block Covin	N-													
M	М	oulfs	oiuiage	vv alis	Curicieté Block	Empty BIOCK Cavity	140			No	 			 						
Main 19 Setter Storage Floor Concrete Concrete Setter Storage Floor Walls Concrete Concrete Setter Storage Setter Storage Concrete Setter Storage Setter Storage Concrete Setter Setter Storage Concrete Setter Storage Setter Setter Storage Setter Se					_			_		Asbestos							119 Battery Storage			
March 119 Battery Storage Walth Concrete Block Empty Block Carefy No Sample B67-ASB.12 O7-March Abento Ab		119 119	Battery Storage Battery Storage	Ceiling Floor	Fireproofing Concrete	Spray-Applied		Sample	B67-ASB.13	u/-Mar-14 Detected							- Spray-applied tireprooting on ceiling.			
No 110 Battery Storage Mechanical Pipelines No Sample B67-ASB 12 O7-Mar-14 OR-More Abstence Abste						Feest Blood Co.														
March Florida March Florida No Sample B67-ASB 12 O7-Mart Abbrists Sample B67-ASB 12 O7-Mart Abbrists Sample B67-ASB 13 O7-Mart Abbrists Sample B67-ASB 14 O7-Mart Abbrists O7-Mart Abbrists O7-Mart Abbrists O7-Mart Abbrists O7-Mart Abbrists O7-Mart O7-Ma	М	119	Dattery Storage	vv alis	Curiciete Block	DCW Pipefitting	140				 				+					1
No	l ,, l	110	Botton, Ctarran	Mochenier	Pine!:	Mud / Lineal	N-	Carrelle	D67.400.40	Asbestos							119 Battery Storage			
Black Composite Sink No Sample B67-ASB.16 23-Nor.17 Detected Sink No Sample B67-ASB.16 23-Nor.17 Detected Sink No Sample B67-ASB.16 23-Nor.17 Detected Sink No Sample B67-ASB.13 O7-Mar-14 Detected Sink Sink Sink Sample B67-ASB.13 O7-Mar-14 Detected Sink S	М	119	sattery Storage	mecnanical	ripelines		No	Sample	B67-ASB.12		 									
M	l ,, l	110	Rattery Storage	Counter Ten	Sink		No	Carrelle	B67.ASD 40											
No 120 Hoist Equipment Celling Firegroofing Spray-Applied No Sample Rep. B67-ASB.13 O7-Mar-14 Detected	М	119	Dattery Storage	Counter Lop	SINK	SIRK	140	Sample	D07-ASB.16	No	 				+					1
M	l ,, l	120	Hoist Equipment	Coilinn	Firence-Fee	Some Applied	N-	Sample De	D67.400.40	Asbestos							119 Battery Storage			
Mail 120 Hoist Equipment Walls Concrete Block Empty Block Cavity No DVV Pipelitring Mail Lineal Pipelitr	M M		Hoist Equipment			Spray-Applied		sample Rep.	B67-ASB.13	u/-Mar-14 Detected	 						- opray-applied tireproofing on ceiling.			
Composition						Empty Block Coult														
Mode Hoist Equipment Mechanical Pipelines Fiberglass No Sample Rep. B67-ASB.12 O7-Max1-4 Detected Mode M	М	120	i ioisi Equipment	vv alis	Curiciete Block	DCW Pipefitting	140			No	 				+					1
Parts Office Celling Space Compound	l ,, l	120	Hoist Equipment	Mechanical	Pinelines	Mud / Lineal	No	Sample De	B67.ASD 40	Asbestos							119 Battery Storage			
Dywall Mud Dyw	M	120	. Joint Equipment	wedialital		i ibeiglass	INU	запрів кер.	DU1-HOD.12	No	 				+		125 Hallway			1
M 121 Parts Office Celling Space Celling Space Mechanical Pipelfitting Mud Pipelfitting Mud Pipelfitting Mud Abbestos Sample Rep. B67-ASB.12 O7-Mar-14 Detected Pipelfitting Mud Pipelfitting	I I	404	Desta Office	Callina	Drywall Mud		Ne	Comple D	De7 ACD 40	Asbestos							-Drywall Mud Compound Compilation			
No		121	Parts Office	Ceiling Space	Q-Deck Surface	Metal	No No	sample Rep.	B67-ASB.19		 						Centrick Sample			
1'x 1'Floor Tile Blust-Light Blue Brust-Light Blue Brust-Marks Decreted 1'X 1' Blue w Light & Dark B										No							440 Detter Steren			
1'x 1'Floor Tile Blust-Light Blue Brust-Light Blue Brust-Marks Decreted 1'X 1' Blue w Light & Dark B	М	121	Parts Office	Ceiling Space	Mechanical	Lineal Fiberglass	No	Sample Rep.	B67-ASB.12	07-Mar-14 Detected	<u> </u>						- Small overhead DWC pipeline fitting.			
M 121 Parts Office Floor Virvif Floor Tile Brush Marks No Sample Rep. B67-ASB.4 01-Oct-13 Detected						1' x 1' Floor Tile			-	No										
M 121 Parts Office Floor Final Layer Concrete No	М	121	Parts Office	Floor	Vinyl Floor Tile	Brush Marks	No	Sample Rep.	B67-ASB.4	01-Oct-13 Detected							- 1' X 1' Blue w Light & Dark Brush Marks			
M 121 Parts Office Walls North Concrete No S 125 Hallway Droved Muld Droved Muld Special Muld Sp	М	121	Parts Office	Floor	Final Layer	Concrete	No													
M 121 Parts Office Walls North Concrete No S S 125 Hallway Droved Muld Droved Muld S S S S S S S S S S S S S S S S S S S	М	121	Parts Office		Concrete Block	Empty Block Cavity	No													
Drowall Mud Ashestos J-Drowall Mud Compound Compilation	М	121	Parts Office	Walls	North	Concrete	No			NI.	\perp						126 Hallway			
M 122 Janitor Ceiling Compound No Sample Rep. B67-ASB.19 23-Nov-17 Detected Ceiling Sample					Drywall Mud					Asbestos							-Drywall Mud Compound Compilation			
	М	122	Janitor	Ceiling	Compound		No	Sample Rep.	B67-ASB.19	23-Nov-17 Detected							Ceiling Sample			

	Service	and Storage Bu	ıildings - 88 King S	Street - 2017								Bersch Col	nouning Ex	4.							
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 Co	ondition	Action	Comments
M	122	Janitor		Q-Deck Surface	Metal	No	- Cumpie / Kep	Gumpie ib	DD/IIIII 1 1	.,,,-	 			Condition	quantity				ondition .	Action	1
					Overhead Duct		1				1										
м	122	Janitor	Mechanical	Vibration Gasket	Green Gasket	No															ĺ
	122	Janinoi	Wedianida	VIDIALION GASKEL	1' x 1' Floor Tile	1 140	+				1										
м	122	Janitor	Floor	Vinyl Floor Tile	Beige <u>w</u> Faint Grey Streaks	Yes	0	B67-ASB.20	23-Nov-17	Chamatila	1-5%	Vinyl Asbestos Tile	No		50 ft ²		122 Janitor - 1' X 1' Beige <u>w</u> Faint Grey Streaks. Floor	Tile .	Inderate		2 tiles are slightly damaged. Removal is recommended some point. Approx. 50 ft ²
M	122	Janitor	Floor	Final Laver	Concrete	No.	Sample	D07-A3D.20	23-N0V-17	Chrysotile	1-5%	VIIIyi Asbesios Tile	INU	Mod/Good	30 II	2	- 1 X 1 Beige w Failit Grey Streaks. Floor	Tile M	ioderate	Manage	some point. Approx. 50 it
							1			T -	†										
М	122	Janitor	Walls	Concrete Block	Empty Block Cavity	No			\vdash	No							405 11 11				ļ
		Women's	'	Drywall Mud		ı			1	Ashestos							125 Hallway -Drywall Mud Compound Compilation				ĺ
M	123	Washroom	Ceiling	Drywall Mud Compound		No	Sample Rep.	B67-ASB.19	23-Nov-17	Detected							Ceiling Sample				
м	123	Women's Washroom	Ceiling Space	Q-Deck Surface	Metal	No			1	1											ĺ
- 101	123		Ceiling Space	Q-Deck Suriace	1' x 1' Floor Tile	140	+		$\overline{}$	No	+										
		Women's	l _ '		Blue/Light Blue		1 '			Asbestos							211 Janitor				ĺ
М	123	Washroom Women's	Floor	Vinyl Floor Tile	Brush Marks	No	Sample Rep.	B67-ASB.4	01-Oct-13	Detected	+						- 1' X 1' Blue w Light & Dark Brush Marks				
М	123	Washroom	Floor	Final Layer	Concrete	No															ĺ
м	123	Women's Washroom	Walls	Concrete Block	Empty Block Cavity	No			1	1											ĺ
m	123	***d3IIIUUIII	VV dilio	Concrete block	Empty block Cavity	140	+		\vdash	No	+						125 Hallway				
		1	'	Drywall Mud		ı			1	Asbestos							-Drywall Mud Compound Compilation				ĺ
M M	124 124	Men's Washroom Men's Washroom	Ceiling Ceiling Space	Compound Q-Deck Surface	Metal	No No	Sample Rep.	B67-ASB.19	23-Nov-17	Detected	├						Ceiling Sample				
- 101	124	Well's Washiouli	Ceiling Space	Q-Deck Suriace	1' x 1' Floor Tile	140	+		$\overline{}$	No	+										
		1	'		Blue/Light Blue	ı			1	Asbestos							211 Janitor				ĺ
M M	124	Men's Washroom Men's Washroom	Floor Floor	Vinyl Floor Tile Final Layer	Brush Marks Concrete	No No	Sample Rep.	B67-ASB.4	01-Oct-13	Detected	+						- 1' X 1' Blue w Light & Dark Brush Marks				
							1				1										
М	124	Men's Washroom	Walls	Concrete Block	Empty Block Cavity	No		+	\vdash	No			1				125 Hallway				
			1 '	Drywall Mud		i	1 '			Asbestos			1		l	1	-Drywall Mud Compound Compilation				I.
М	125	Hallway	Ceiling	Compound Q-Deck Surface	Metal	No	Sample	B67-ASB.19	23-Nov-17	Detected	↓						Ceiling Sample				
M	125	Hallway Hallway	Ceiling Space Floor	Q-Deck Surface Concrete	Metal	No No		+	\vdash	——		 	1	1							<u> </u>
М	125				+		+		\vdash		 	 	1	1	l		+				
M	125	Hallway	Walls	Concrete Block	Empty Block Cavity	No															1
			1 '	1	2' X 4' Suspended	1			1	No Asbestos			1				203 Storage				I.
2	2nd Flr	A Stairwell	Ceiling	Ceiling Tile	Ceiling	No	Sample Rep.	B67-ASB.2	16-Nov-17	Detected							203 Storage -2' X 4' Two-hole Pattern Ceiling Tile				1
				Drywall Mud					, ,	No Asbestos							203,206,221,222 Drywall Mud				I
2	2nd Flr	A Stairwell	Ceiling	Compound		No	Sample Rep.	B67-ASB.1	16-Nov-17	Detected							Compound Compilation Wall Sample.				ĺ
2	2nd Flr	A Stairwell	Ceiling Space	Q-Deck Surface	Metal	No															
,	2nd Flr	A Stairwell	Walls	Concrete Block	Empty Block Cavity	No															ĺ
	2nd Flr	A Stairwell	Walls	Brick / Mortar		No	1		-		t										
					Blue Anti-Slip w Raised Square	i				No							Stairwell B -Blue Anti-slip Flooring with Raised				
2	2nd Flr	A Stairwell	Floor	Sheet Flooring	Pattern	No	Sample Rep.	B67-ASB.23	23-Nov-17	Asbestos Detected							Square Pattern on the Floor.				ĺ
2	2nd Flr	A Stairwell	Floor	Final Layer	Concrete	No															
			'	Drywall Mud		i				No Asbestos							203,206,221,222 Drywall Mud				ĺ
2	2nd Flr	B Stairwell	Ceiling	Compound		No	Sample Rep.	B67-ASB.1	16-Nov-17	Detected							Compound Compilation Wall Sample.				ĺ
2	2nd Flr	B Stairwell	Ceiling Space	Q-Deck Surface	Metal	No					1										
2	2nd Flr	B Stairwell	Walls	Concrete Block	Empty Block Cavity	No															ĺ
	Ziio i ii	D Ottal Woll	YY GIO	CONTOIC DICON	Blue Anti-Slip w. Raised Square	1	+			No	1						Stairwell B				
	0.15	B Stairwell	Floor	Sheet Flooring	Raised Square Pattern	No	0	B67-ASB.23	23-Nov-17	Asbestos Detected							-Blue Anti-slip Flooring with Raised Square Pattern on the Floor.				ĺ
2	2nd Fir	B Stairwell	Floor	Final Layer	Concrete	No	Sample	D07-A3D.23	23-N0V-17	Detected	 						Square rattern on the ricor.				
2	2nd Flr	B Stairwell	South Guard Rail	Pink Arborite	Plywood	No No															
		1	'	Drywall Mud		ı			1	No Asbestos							Corridor 216 - Drywall Mud Compound Within the				ĺ
2	2nd Flr	C Stairwell	Ceiling	Compound		No	Sample Rep.	B67-ASB.14	23-Nov-17	Detected							Ceiling Space Adjacent Room 215.				
2	2nd Flr	C Stairwell	Ceiling Space	Q-Deck Surface	Metal	No	+		₩	ļ	₩										ļ
2	2nd Flr	C Stairwell C Stairwell	Walls	Concrete Block	Empty Block Cavity	No			1	1											ĺ
2	2nd Flr	C Stairwell	Walls	Brick / Mortar		No No															
			'	Drywall Mud		i				No Asbestos							Corridor 216 - Drywall Mud Compound Within the				ĺ
2	2nd Flr	C Stairwell	Walls	Compound		No	Sample Rep.	B67-ASB.14	23-Nov-17	Detected		1					Ceiling Space Adjacent Room 215.				The north wall is drywall.
I	T				Blue Anti-Slip <u>w</u> Raised Square	1			1 7	No Asbestos							Stairwell B -Blue Anti-slip Flooring with Raised				I
2	2nd Flr	C Stairwell	Floor	Sheet Flooring	Pattern	No	Sample Rep.	B67-ASB.23	23-Nov-17	Asbestos Detected			1		l	1	-Blue Anti-slip Flooring with Raised Square Pattern on the Floor.				I.
2	2nd Flr	C Stairwell	Floor	Final Layer	Concrete	No						1									
			1 '	1		1				No			1				2E Elevator Shaft -Spray-applied fireproofing on the				I.
		1	1 '			1	1		1	Asbestos							structural steel and Q-deck within the				l .
2	2nd Flr	Elevator Shaft	Ceiling	Fireproofing	Spray-Applied	No	Sample	B67-ASB.8	16-Nov-17	Detected	+	+	1				shaft.				h
2	2nd Flr	Elevator Shaft	Walls	Concrete Block	Empty Block Cavity	No				1 '			1								I.
	2nd Flr	Elevator Shaft	Walls	Brick / Mortar		No						ļ									
2	201	Office	Ceiling Space	Q-Deck Surface	Metal	No	+	+	\vdash		+	+	1	+	-						
2	201	Office	Ceiling Space	Mechanical	Fiberglass Insulation	No				L '											<u> </u>
						i				No Asbestos		1	1		I		216 Corridor				ı ————
2	201	Office	Floor	Sheet Flooring	Beige Flooring	No	Sample Rep.	B67-ASB.5	01-Oct-13	Asbestos Detected			1				216 Corridor -Beige Sheet Flooring				I.
2	201	Office	Floor	Final Layer	Concrete Vinyl Covered	No						1									
,	201	Office	Walls	ΔΙΙ	Vinyl Covered	No.	1 '						1		l	1					No drywall mud compound.
2	201	Office	Walls	Insulation	Gypsum Fiberglass	No No	t		$\overline{}$		1		1				 				140 Siyinan maa compound.
							T														Country well behind downell
2	201	Office	Wall	Concrete Block		No	+	++	\vdash	No	+	+	1	+	-	1	 				South wall behind drywall
			1 '		2' X 4' Suspended	i	1. '		1	Asbestos			1		l	1	203 Storage				I.
2 2	202	Server Server	Ceiling Ceiling Space	Ceiling Tile Q-Deck Surface	Ceiling Metal	No No	Sample Rep.	B67-ASB.2	16-Nov-17	Detected	+	 	1	+	-		-2' X 4' Two-hole Pattern Ceiling Tile				
							+		\vdash		 	 	1	1	l		+				
2	202	Server	Ceiling Space	Mechanical	Fiberglass Insulation	No	4		-	L	4		1	1							+
		1	1 '			1	1		1	No Asbestos							216 Corridor				l .
2	202	Server	Floor	Sheet Flooring	Beige Flooring	No	Sample Rep.	B67-ASB.5	01-Oct-13								-Beige Sheet Flooring				<u> </u>
2	202	Server	Floor	Final Layer	Concrete Vinyl Covered	No	$\perp =$	+-	$\vdash \neg$	+=	+ =		1	\perp							<u> </u>
2	202	Server	Walls Walls	All	Gypsum	No	1		1	1											l .
	202	Server	Walls	Insulation	Gypsum Fiberglass	No No															
2	202					. —	_	1 7	, 7		1	1			_		1		1-	·	
2	202	Consor	Wall	Concrete Block	Empty Block Cavity	No			1 1												South wall behind down!

Bersch Consulting Ltd.

		_		Direct - 2017	Material				Asbestos	Asbestos	ACM			- 1				
Floor	Number	Area	Elements	Sub Elements	Description	Suspect	Sample / Rep	Sample ID	DD/MM/YY Type	%	Product	Friable	Condition Quantity P	riority	Sample Location	ACM In Area	Condition Action	Comments
									No									
2	203	Storage	Ceiling	Ceiling Tile	2' X 4' Suspended Ceiling	No	Sample	B67-ASB.2	Asbestos 16-Nov-17 Detected						203 Storage -2' X 4' Two-hole Pattern Ceiling Tile			
2	203	Storage	Ceiling Space	Q-Deck Surface	Metal	No	Sample	D07-A3D.2	10-140V-17 Detected						2 A 4 TWO-Hole Falletti Celling Tile			
2	203	Storage	Ceiling Space	Mechanical	Fiberglass Insulation	No												
	200	Otorago	Ociming Option	Weemanou	r ibergiado iridalatori	140			No									
	000	Ctarran	Floor	Sheet Flooring	Daine Classica	No		B67-ASB.5	Asbestos 01-Oct-13 Detected						216 Corridor			
2	203 203	Storage Storage	Floor	Final Layer	Beige Flooring Concrete	No	Sample Rep.	D07-A3D.3	01-Oct-13 Detected						-Beige Sheet Flooring			
	203				Vinyl Covered													
2	203	Storage Storage	Walls Walls	All Insulation	Gypsum Fiberglass	No No												
2	203	Storage	Wall	Concrete Block	Empty Block Cavity	No			No									South wall behind drywall
					2' X 4' Suspended				Asbestos						203 Storage			
2	204 204	Office Office	Ceiling Ceiling Space	Ceiling Tile Q-Deck Surface	Ceiling Metal	No No	Sample Rep.	B67-ASB.2	16-Nov-17 Detected						-2' X 4' Two-hole Pattern Ceiling Tile			
2	204	Office	Ceiling Space	Mechanical	Fiberglass Insulation	No			No									
									Asbestos						216 Corridor			
2	204 204	Office Office	Floor Floor	Sheet Flooring Final Layer	Beige Flooring Concrete	No No	Sample Rep.	B67-ASB.5	01-Oct-13 Detected						-Beige Sheet Flooring			
					Vinyl Covered													
2	204 204	Office Office	Walls Walls	All Insulation	Gypsum Fiberglass	No No												
2	204	Office	Wall	Concrete Block	Empty Block Cavity	No			No									
1	l				2' X 4' Suspended				Asbestos						203 Storage			
2	205	Office Office	Ceiling	Ceiling Tile	Ceiling	No No	Sample Rep.	B67-ASB.2	16-Nov-17 Detected			-			-2' X 4' Two-hole Pattern Ceiling Tile			
	205		Ceiling Space	Q-Deck Surface								1						
2	205	Office	Ceiling Space	Mechanical	Fiberglass Insulation	No			No			-						
									Asbestos						216 Corridor			
2	205	Office Office	Floor	Sheet Flooring	Beige Flooring	No No	Sample Rep.	B67-ASB.5	01-Oct-13 Detected			1			-Beige Sheet Flooring			
2	205		Floor	Final Layer	Concrete Vinyl Covered	No			 			†						
2	205	Office	Walls	All	Gypsum	No												
2	205	Office	Walls	Insulation	Fiberglass	No												
2	205	Office	Wall	Concrete Block	Empty Block Cavity	No												
					2' X 4' Suspended				No Asbestos						203 Storage			
2	206	Reception	Ceiling	Ceiling Tile	Ceiling	No	Sample Rep.	B67-ASB.2	16-Nov-17 Detected						-2' X 4' Two-hole Pattern Ceiling Tile			
				Drywall Mud					No Asbestos						203,206,221,222 Drywall Mud			
2	206	Reception	Ceiling	Compound	Bulkheads	No	Sample Rep.	B67-ASB.1	16-Nov-17 Detected						Compound Compilation Wall Sample.			
2	206	Reception	Ceiling Space	Q-Deck Surface	Metal	No												
2	206	Reception	Ceiling Space	Mechanical	Fiberglass Insulation	No												
									No Asbestos						216 Corridor			
2	206	Reception	Floor	Sheet Flooring	Beige Flooring	No	Sample Rep.	B67-ASB.5	01-Oct-13 Detected						-Beige Sheet Flooring			
2	206	Reception	Floor	Final Layer	Concrete	No			No									
				Drywall Mud					Asbestos						203,206,221,222 Drywall Mud			
2	206 206	Reception Reception	Walls Walls	Compound Brick / Mortar		No No	Sample	B67-ASB.1	16-Nov-17 Detected						Compound Compilation Wall Sample.			
	200			DIICK / WORLD	Vinyl Covered													
2	206 206	Reception Reception	Walls Walls	Insulation	Gypsum Fiberglass	No No												
2	206	Reception	Wall	Concrete Block	Empty Block Cavity	No			No									South wall behind drywall
					2' X 4' Suspended				Ashestos						207 Men's Locker			
2	207 207	Male Locker Male Locker	Ceiling Ceiling Space	Ceiling Tile Q-Deck Surface	Ceiling Metal	No No	Sample	B67-ASB.12	01-Oct-13 Detected						- 2' X 4' Ceiling tile with a pinhole pattern.			
2	207	Male Locker	Ceiling Space	Mechanical	Fiberglass Insulation	No												The sheet flooring was installed during the 2013
2	207	Male Locker	Floor	Sheet Flooring	Grey,blue,red	No												renovation.
2	207	Male Locker	Floor	Final Layer	Concrete	No			 			 	+	-1	209 Male Washroom			
1	l								No						- Drywall Mud Compound Adj. Toilet			
,	207	Male Locker	Walls	Drywall Mud Compound		No	Sample Rep.	B67-ASB.10	Asbestos 01-Oct-13 Detected						Partitions & Wall Corner Adj. the North Toilet Partition.			
2	207		Walls	Insulation	Fiberglass	No	campie ivep.											
,	207	Male Locker	Wall	Concrete Block	Empty Block Cavity	No								I				South wall behind drywall
	201	IVIAIO LUCKEI	vvdII	Currett DIUCK	Empty DIOCK CaVITY	140			No			1			208 Men's Shower			Court wall Deliting drywall
,	208	Male Shower	Ceiling	Cementitious		No	Sample Rep.	B67-ASB.11	Asbestos 01-Oct-13 Detected						- Cementitious Wall Material in Shower Area			
2	208	Male Shower	Ceiling Space	Q-Deck Surface	Metal	No	Јашрів Кер.	aur-nab.11	Detected						rwaa			
2	208	Male Shower	Floor	Concrete		No			No			1	+	— Ţ	208 Men's Shower			
1	l								Asbestos						- Cementitious Wall Material in Shower			
2	208	Male Shower	Walls	Cementitious		No	Sample	B67-ASB.11	01-Oct-13 Detected			1			Area			
2	208	Male Shower	Wall	Concrete Block	Empty Block Cavity	No												
									No						209 Male Washroom - Drywall Mud Compound Adj. Toilet			
1	l			Drywall Mud					Asbestos						Partitions & Wall Corner Adj. the North			
2	209	Male Washroom Male Washroom	Ceiling Coiling Space	Compound Q-Deck Surface	Metal	No No	Sample Rep.	B67-ASB.10	01-Oct-13 Detected			-			Toilet Partition.			
	200		Cennig Space		rvietal				 								 	
2	209	Male Washroom	Ceiling Space	Mechanical	Fiberglass Insulation	No			1 1			-			209 Male Washroom			
1	l								No						- Drywall Mud Compound Adi Toilet			
	000	Mala Washan	Welle	All	Drywall Mud	N-		D67 ACD 40	Asbestos						Partitions & Wall Corner Adi. the North			
2	209	Male Washroom	Walls		Compound	No	Sample	B67-ASB.10	01-Oct-13 Detected			 	 		Toilet Partition.			
2	209	Male Washroom	Wall	Concrete Block	Empty Block Cavity	No						1						South wall behind drywall
2	209	Male Washroom Male Washroom	Floor	Sheet Flooring	Grey,blue,red	No			1									The sheet flooring was installed during the 2013 renovation.
2	209	Male Washroom	Floor	Final Layer	Concrete	No No									000 5			
1	l								1						209 Female Washroom - Drywall Mud Compound Adjacent the			
1	l								No						Shower, South Partition Adj. the Toilet			
_ 2	209	Female Washroom	Ceiling	Drywall Mud Compound		No	Sample	B67-ASB.7	Asbestos 01-Oct-13 Detected			<u></u>			and Above the Ceiling Access Above the Entry Doorway.	Floor Tile		
											_	_	_					

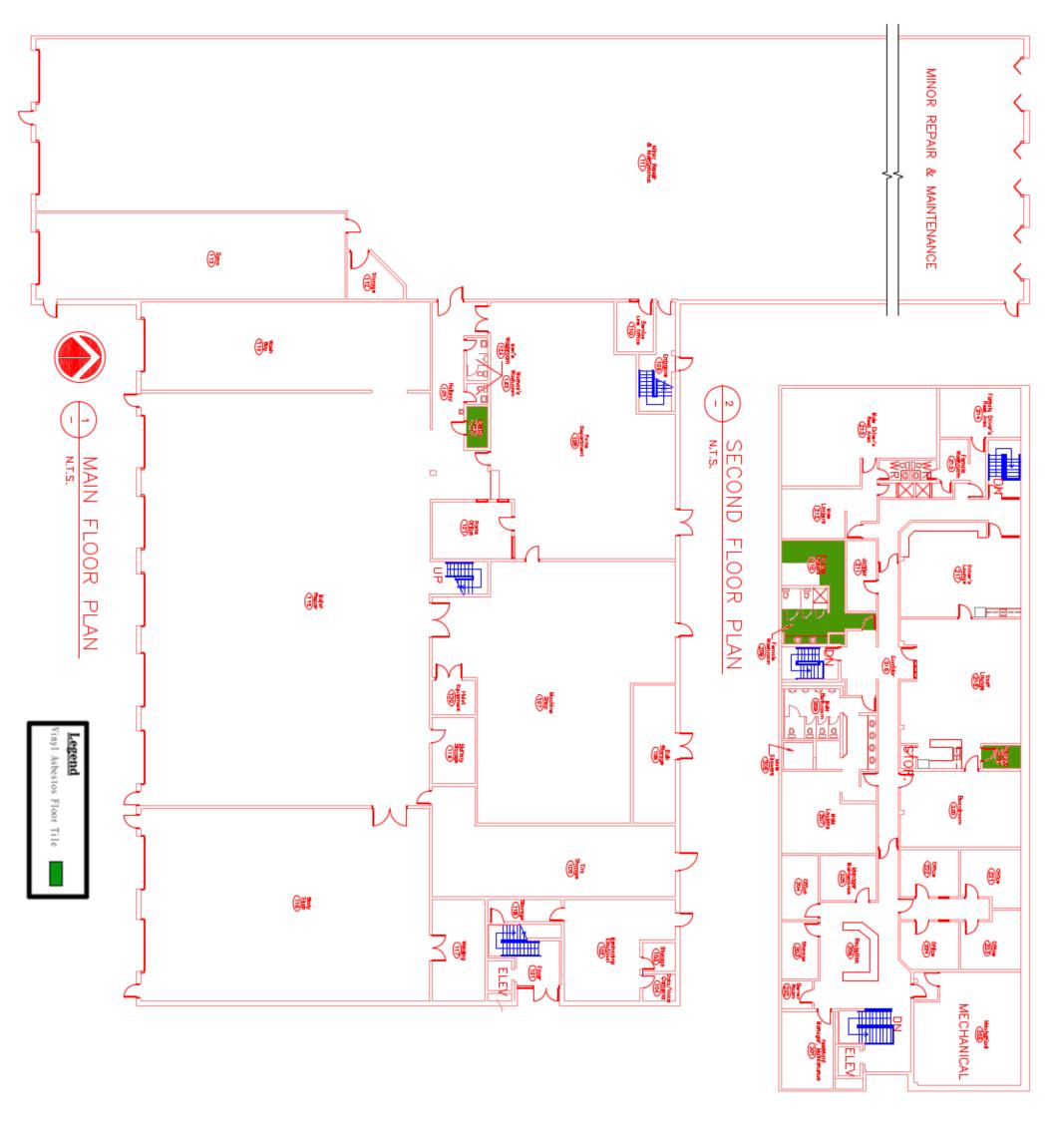
_				r	Material					Asbestos	Asbestos ACM					T.	1			
Floor	Number	Area	Elements	Sub Elements	Description	Suspect	Sample / Rep	Sample ID	DD/MM/YY	Type	% Product	Friable	Condition	Quantity	Priority	Sample Location	ACM In Area	Condition	Action	Comments
2	209	Female Washroom	Ceiling Space	Q-Deck Surface	Metal	No											Floor Tile			
	000	F	0.70	Markania	Ettototo															
2	209	Female Washroom	Ceiling Space	Mechanical	Fiberglass Insulation	No						1				209 Female Washroom	Floor Tile			
																- Drywall Mud Compound Adjacent the				
					Drywall Mud				[]	No Asbestos			1	l		Shower, South Partition Adj. the Toilet and Above the Ceiling Access Above the			1	
2	209	Female Washroom	Walls		Compound	No	Sample	B67-ASB.7	01-Oct-13	Detected						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. The sheet flooring in the toilet area was installed during
2	209	Female Washroom	Floor	Sheet Flooring	Grey,blue,red	No											Floor Tile			the 2013 renovation.
					1' x 1' Floor Tile											240 Female Lealus				
2	209	Female Washroom	Floor	Vinyl Floor Tile	White <u>w</u> 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' X 2' Suspended															The suspended ceiling was upgraded during the 2013
2	210	Female Lockers	Ceiling	Ceiling Tile	Ceiling Metal	No No											Floor Tile Floor Tile			renovation.
2	210	Female Lockers	Ceiling Space	Q-Deck Surface	IVIELAI	INU											Pioof Tile			
2	210	Female Lockers	Ceiling Space	Mechanical	Fiberglass Insulation	No											Floor Tile			
																209 Female Washroom - Drywall Mud Compound Adjacent the				
										No						Shower, South Partition Adi, the Toilet				
					Drywall Mud					Asbestos						and Above the Ceiling Access Above the				
2	210	Female Lockers	Walls		Compound	No	Sample Rep.	B67-ASB.7	01-Oct-13	Detected						Entry Doorway.	Floor Tile		Demo	Demo the applicable walls.
2	210	Female Lockers	Walls	Concrete Block	Empty Block Cavity	No											Floor Tile			<u> </u>
_														I					l	The sheet flooring in the new shower stall was installed
2	210	Female Lockers	Floor	Sheet Flooring	Grey,blue,red 1' x 1' Floor Tile	No	1 -					1	-	1				 		during the 2013 renovation.
		1	_	l	White <u>w</u> Grey				[]				1			210 Female Locker			1	
2	210	Female Lockers	Floor	Vinyl Floor Tile	Streaks	Yes	Sample	B67-ASB.5	23-Nov-17	Chrysotile	1-5% Vinyl Asbestos Tile	No	Good	80 ft ²	3	- 1' X 1' White w Grey Streaks.	Floor Tile	Good	Manage	1
					1' x 1' Floor Tile				[]				1	l					1	
					White w Faint								1	l					1	The row of floor tile around the new shower partition
2 2	210		Floor	Vinyl Floor Tile	Grey/Brown Streaks	No No	1										Floor Tile		ļ	within the locker area is non asbestos.
2	210	Female Lockers	Floor	Final Layer	Concrete	No						1	-	l			Floor Tile	l		
	_			_	_								1	l					1	The shower stall is not suspect of containing asbestos
2	210	Female Lockers	Shower Stall	Floor	Concrete	No	1 -			No		+	-	-		Corridor 216	Floor Tile	-		material. The stall is a new addition in 2013
				Drywall Mud						Asbestos			1	l		- Drywall Mud Compound Within the			1	
2	211	Janitor	Ceiling	Compound		No	Sample Rep.	B67-ASB.14	23-Nov-17	Detected						Ceiling Space Adjacent Room 215.				
2	211	Janitor	Ceiling Space	Q-Deck Surface	Metal	No	1 -					1	-	1				 		1
2	211	Janitor	Ceiling Space	Mechanical	Fiberglass Insulation	No														
	211	Janitor		Mechanical	Reddish Brown Duct Seal	No	1 7		1 7				1						l	
	∠11	Janitor	Ceiling Space		oéai	rNO	+			No		+		 		Corridor 216				1
				Drywall Mud						Asbestos			1	l		 Drywall Mud Compound Within the 			1	
2	211	Janitor	Walls	Compound	1' x 1' Floor Tile	No	Sample Rep.	B67-ASB.14	23-Nov-17	Detected No		1		-		Ceiling Space Adjacent Room 215.			 	
					Blue w Light & Dark					Asbestos			1	l		211 Janitor			1	
2	211	Janitor	Floor	Vinyl Floor Tile	Brush Marks	No	Sample	B67-ASB.4	01-Oct-13	Detected						- 1' X 1' Blue w Light & Dark Brush Marks				
2	211	Janitor	Floor	Final Layer	Concrete	No	1			No				-						
					2' X 4' Suspended					Asbestos			1	l		214 Female Driver's Rest Area			1	
2	212	Male Lockers	Ceiling	Ceiling Tile	Ceiling	No	Sample Rep.	B67-ASB.11	23-Nov-17	Detected						-2' X 4' Two-hole Pattern Ceiling Tile			ļ	1
				Drywall Mud						No Asbestos			1	l		212 Male Lockers - Drywall Mud Compound Compilation			1	
2	212	Male Lockers	Ceiling	Compound		No	Sample Rep.	B67-ASB.10	21-Nov-17	Detected						Wall Sample				
2	212	Male Lockers	Ceiling Space	Q-Deck Surface	Metal	No	+		\vdash			+	-	-				-		
2	212	Male Lockers	Ceiling Space	Mechanical	Fiberglass Insulation	No							<u> </u>	<u></u>				<u></u>	<u></u>	<u> </u>
										No						212 Male Lockers				· -
2	212	Male Lockers	Walls	Drywall Mud Compound		No	Sample	B67-ASB.10	21-Nov-17	Asbestos Detected			1	l		- Drywall Mud Compound Compilation Wall Sample			1	
							Limpic		2											
2	212	Male Lockers	Walls	Concrete Block	Empty Block Cavity	No				No										South wall behind drywall
										No Asbestos						216 Corridor				
2	212	Male Lockers	Floor	Sheet Flooring	Beige Flooring	No	Sample Rep.	B67-ASB.5	01-Oct-13	Detected						-Beige Sheet Flooring				
2	212	Male Lockers	Floor	Final Layer	Concrete	No	1 -			No		1	-	1		212 Male Lockers		 		1
		Male Lockers		Drywall Mud						Asbestos			1	l		- Drywall Mud Compound Compilation			1	
2	212	Shower Male Leckers	Ceiling	Compound		No	Sample Rep.	B67-ASB.10	21-Nov-17	Detected						Wall Sample				1
2	212	Male Lockers Shower	Ceiling Space	Q-Deck Surface	Metal	No							1	l					1	
		Male Lockers																		
2	212	Shower Male Lockers	Ceiling Space	Mechanical	Fiberglass Insulation	No	+					1		-					 	
2	212	Shower	Walls	Plaster / Skim Coat	<u> </u>	No													<u></u>	<u>l</u>
2	212	Male Lockers	Floor	Final Laver	C	No								I					l	
- 2	212	Shower	1001		Concrete	No				No		1		-		212 Male Lockers				1
	_	Male Lockers	Q	Drywall Mud						Asbestos			1	l		- Drywall Mud Compound Compilation			1	
2	212	Washroom Male Lockers	Ceiling	Compound		No	Sample Rep.	B67-ASB.10	21-Nov-17	Detected						Wall Sample				ļ
2	212	Male Lockers Washroom	Ceiling Space	Q-Deck Surface	Metal	No							1	l					1	
		Male Lockers																		
2	212	Washroom	Ceiling Space	Mechanical	Fiberglass Insulation	No	+		\vdash	No		+	-	-		212 Male Lockers		-		
		Male Lockers		Drywall Mud						Asbestos						- Drywall Mud Compound Compilation				
2	212	Washroom	Walls	Compound		No	Sample Rep.	B67-ASB.10	21-Nov-17	Detected		1				Wall Sample				1
		Male Lockers								No Asbestos			1	l		216 Corridor			1	
2	212	Washroom	Floor	Sheet Flooring	Beige Flooring	No	Sample Rep.	B67-ASB.5	01-Oct-13	Detected						-Beige Sheet Flooring				<u> </u>
-		Male Lockers																		·
2	212	Washroom	Floor	Final Layer	Concrete	No	+			No		1		-					 	
		Male Driver's Rest			2' X 4' Suspended					Asbestos						214 Female Driver's Rest Area				
2	213	Area	Ceiling	Ceiling Tile	Ceiling	No	Sample Rep.	B67-ASB.11	23-Nov-17	Detected						-2' X 4' Two-hole Pattern Ceiling Tile				ļ
2	213	Male Driver's Rest Area	Ceiling Space	Q-Deck Surface	Metal	No							1	l					1	
		Male Driver's Rest																		
2	213	Area	Ceiling Space	Mechanical	Fiberglass Insulation	No				NI-						242 Mala Laskare				ļ
		Male Driver's Rest		Drywall Mud						No Asbestos			1	l		212 Male Lockers - Drywall Mud Compound Compilation			1	
2	213	Area Male Driver's Rest	Walls	Compound		No	Sample Rep.	B67-ASB.10	21-Nov-17	Detected						Wall Sample				
ایا	040	Male Driver's Rest Area	Walls		Empty Block Cavity	No								1						The west and south walls are block
2	213	A169	vv ans	Concrete Block	LITIPLY DIOCK CAVITY	INO	1		1		1	1	1	1		I .				i ne west and south wans are DIOCK

		and Storage Bu				,				1-1			,							
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
		Male Driver's Rest																		
2	213	Area	Floor	Carpet		No				No										
	040	Male Driver's Rest	Floor	Council Mantin	Valley Meetie	No	0	B67-ASB.12	00.11. 47	Asbestos Detected						213 Carpet, Yellow Adhesive on the Slab Surface.				
2	213	Area Male Driver's Rest		Carpet Mastic	Yellow Mastic		Sample	D07-A3D.12	23-N0V-17	Detected						Surface.				
2	213	Area	Floor	Final Layer	Concrete	No				No										
		Female Driver's Rest Area	Callina	Cailing Tile		No		B67-ASB.11		Asbestos Detected						214 Female Driver's Rest -2' X 4' Two-hole Pattern Ceiling Tile				
2	214	Female Driver's	Ceiling	Ceiling Tile		INO	Sample	DOT-AGE.TT	23-Nov-17	Detected						-2 X 4 TWO-Hole Pattern Celling Tile				
2	214	Rest Area	Ceiling Space	Q-Deck Surface	Metal	No														
2	214	Female Driver's Rest Area	Ceiling Space	Mechanical	Fiberglass Insulation	No														
		Female Driver's		Drywall Mud						No Asbestos						Corridor 216 - Drywall Mud Compound Within the				
2	214	Rest Area	Walls	Compound		No	Sample Rep.	B67-ASB.14	23-Nov-17	Detected						Ceiling Space Adjacent Room 215.				
										No						214 Female Driver's Rest Area - Concrete Block Mortar in the Northeast				
2	214	Female Driver's Rest Area	Walls	Concrete Block Mortar	Mortar in Northeast Ceiling Space	No	Sample	B67-ASB.13	23-Nov-17	Asbestos Detected						Ceiling Space Surrounding the C stairwell.				
-		Female Driver's Rest Area	Walls			No														-
2	214		vvaiis	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.
-		Female Driver's			I INDIGIT VV dil															the drywar off the floral wall.
2	214	Rest Area	Floor	Carpet		No				No										
	04.4	Female Driver's			V.II. Mark		0 D	D07 10D 11	00.11. 47	Asbestos						213 Carpet, Yellow Adhesive on the Slab				
2	214	Rest Area Female Driver's	Floor	Carpet Mastic	Yellow Mastic	No	Sample Rep.	B67-ASB.11	23-NOV-17	Detected						Surface.		1		1
2	214	Rest Area	Floor	Final Layer	Concrete	No				No						Corridor 216		1		
	١.			Drywall Mud		l .				Asbestos						- Drywall Mud Compound Within the				
2	215 215	Female Washroom Female Washroom	Ceiling Ceiling Space	Compound Q-Deck Surface	Metal	No No	Sample Rep.	B67-ASB.14	23-Nov-17	Detected				-		Ceiling Space Adjacent Room 215.		1		
				Mechanical		No														
2	215	Female Washroom	Ceiling Space	ivieciianicai	Fiberglass Insulation	IND				No						Corridor 216		1		1
2	215	Female Washroom	Walls		Drywall Mud Compound	No	Sample Ren	B67-ASB.14	23-Nov-17	Asbestos Detected						 Drywall Mud Compound Within the Ceiling Space Adjacent Room 215. 				
-																		1		
2	215	Female Washroom	Walls	Concrete Block	Empty Block Cavity	No				No										North wall adjacent Stairwell C.
2	215	Female Washroom	Floor	Sheet Flooring	Beige Flooring	No	Sample Rep.	B67-ASB.5	01-Oct-13	Asbestos Detected						216 Corridor -Beige Sheet Flooring				
2	215	Female Washroom	Floor	Final Layer	Concrete	No No	Jampie Rep.	D07-N3D.3	01-00-13											
				Drywall Mud						No Asbestos						Corridor 216 - Drywall Mud Compound Within the				
2	215	WR WR	Ceiling	Compound Q-Deck Surface	Metal	No No	Sample Rep.	B67-ASB.14	23-Nov-17	Detected						Ceiling Space Adjacent Room 215.				
2	215		Ceiling Space																	
2	215	WR	Ceiling Space	Mechanical	Fiberglass Insulation	No				No						Corridor 216				
				Drywall Mud						Asbestos						- Drywall Mud Compound Within the				
2	215	WR	Walls	Compound		No	Sample Rep.	B67-ASB.14	23-Nov-17	Detected						Ceiling Space Adjacent Room 215.				
_		WR	Floor	Sheet Flooring	Beige Flooring	No		B67-ASB.5		Asbestos Detected						216 Corridor -Beige Sheet Flooring				
2	215 215	WR	Floor	Final Layer	Concrete	No	Sample Rep.	D07-A3D.3	01-Oct-13											
		Female Washroom		Drywall Mud						No Asbestos						Corridor 216 - Drywall Mud Compound Within the				
2	215	Shower	Ceiling	Compound		No	Sample Rep.	B67-ASB.14	23-Nov-17	Detected						Ceiling Space Adjacent Room 215.				
2	215	Female Washroom Shower	Ceiling Space	Q-Deck Surface	Metal	No														
	215	Female Washroom			E1															
- 2		Shower Female Washroom	Ceiling Space	Mechanical	Fiberglass Insulation	No														
2	215	Shower Female Washroom	Walls	Plaster / Skim Coat		No														
2	215	Shower	Floor	Final Layer	Concrete	No														
										No						216 Corridor - 2' X 4' Ceiling tile with a pinhole /				
,	216	Corridor	Ceiling	Ceiling Tile	2' X 4' Suspended	No	Sample	B67-ASB.13	01-0-4-12	Asbestos Detected						texture pattern at the double doors to office adj. 205.				
2	216	Corridor	Ceiling Space	Q-Deck Surface	Ceiling Metal	No No	Saitible	Jur-nob.13	01-00-13	Detectied						omoc duj. 200.				
2	216	Corridor	Ceiling Space	Mechanical	Fiberglass Insulation	No														
										No Ashastas						Corridor 216 Descril Mud Compound Within the				
2	216	Corridor	Walls	Drywall Mud Compound		No	Sample	B67-ASB.14	23-Nov-17	Asbestos Detected			<u> </u>			Drywall Mud Compound Within the Ceiling Space Adjacent Room 215.				
2	216	Corridor	Walls		Empty Block Cavity	No														
•	210	22.700		22 SIO DIOUR						No						0		1		
2	216	Corridor	Floor	Sheet Flooring	Beige Flooring	No	Sample	B67-ASB.5	01-Oct-13	Asbestos Detected						Corridor 216 - Beige Sheet Flooring				
2	216	Corridor	Floor	Final Layer	Concrete	No				No										
										Asbestos						214 Female Driver's Rest Area				
2	217	Driver's Lounge	Ceiling	Ceiling Tile	-	No	Sample Rep.	B67-ASB.11	23-Nov-17	Detected No						-2' X 4' Two-hole Pattern Ceiling Tile Corridor 216		-		
	047	B	0.77	Drywall Mud			0 D	D07 40D ::	00.11. 67	Asbestos						- Drywall Mud Compound Within the				
2	217 217	Driver's Lounge Driver's Lounge	Ceiling Ceiling Space	Compound Q-Deck Surface	Metal	No No	Sample Rep.	B67-ASB.14	∠3-Nov-17	Detected						Ceiling Space Adjacent Room 215.				
2	217	Driver's Lounge	Ceiling Space	Mechanical	Fiberglass Insulation	No												1		
-	217									No						Corridor 216				
2	217	Driver's Lounge	Walls	Drywall Mud Compound		No	Sample Rep.	B67-ASB.14	23-Nov-17	Asbestos Detected						Drywall Mud Compound Within the Ceiling Space Adjacent Room 215.				
				Fiberglass Insulation	1											A SPACE - SPACE I TOOM ETO.				
2	217	Driver's Lounge	Walls	/ Exterior Metal Cladding	North Wall	No							<u> </u>							
		-			1' X 1' Beige w Grey					No Asbestos						217				
2	217	Driver's Lounge	Floor	Vinyl Floor Tile	Brush Marks	No	Sample	B67-ASB.15	23-Nov-17	Detected						- 1' X 1' Beige w Grey Brush Marks		1		
2	217	Driver's Lounge	Floor	Final Layer	Concrete	No				No				-				1		
,	240	Staff Lounge	Ceiling	Ceiling Tile	2' X 4' Suspended	No	Carrela	B67-ASB.4	16-Nov-17	Asbestos Detected						218 Staff Lounge -2' X 4' Two-hole Pattern Ceiling Tile				
2	218 218	Staff Lounge Staff Lounge	Ceiling Ceiling Space	Q-Deck Surface	Ceiling Metal	No No	Sample	Bb7-ASB.4	16-NOV-17	Detected.			<u> </u>			-2 A 4 TWO-HOLE MARKET CEILING TITE				<u> </u>
2	218	Staff Lounge	Ceiling Space	Mechanical	Fiberglass Insulation	No														
-	2.10	Jun Lounge	Johns Opuce	moonanod												•	•			1

	00.1.00	una otorage Ba	iildings - 88 King S	11661 - 2017							Bersch Co	louiting Eta							
Floor	Number	Area	Elements	Sub Elements	Material Description	Suspect	Sample / Rep	Sample ID	Asbestos DD/MM/YY Type	Asbestos %	ACM Product	Friable	Condition	Quantity	Priority	Sample Location	ACM In Area	Condition Action	Comments
									No						,	218 Staff Lounge			
2	218	Staff Lounge	Walls	Drywall Mud Compound		No	Sample	B67-ASB.3	Asbestos 16-Nov-17 Detected							- Drywall Mud Compound Compilation Wall Sample			Empty wall cavities steel studs.
- 2	210	Stall Lourige	vvalis	Fiberglass Insulation		INU	Sample	D07-A3D.3	16-NOV-17 Detected							vvaii Sampie			Empty wan cavities steel stoos.
2	218	Staff Lounge	Walls	/ Exterior Metal Cladding	North Wall	No													North wall cavity.
	210	Stall Lourige	vvdiis	Clauding	IVOITII VV dii	140			No										Notes was cavity.
2	218	Staff Lounge	Floor	Sheet Flooring	Beige Flooring	No	Sample Rep.	B67-ASB.5	Asbestos 01-Oct-13 Detected							216 Corridor -Beige Sheet Flooring			
2	218	Staff Lounge	Floor	Final Layer	Concrete	No	Cumple resp.	507 7105.0	OT OUT TO DUILLOUG							Doigo oricor riboring			
2	218	Staff Lounge	Counter Top	Wood	Arborite Surface	No			No										
					2' X 4' Suspended				Asbestos							218 Staff Lounge			
2	219 219	Storage Storage	Ceiling Ceiling Space	Ceiling Tile Q-Deck Surface	Ceiling Metal	No No	Sample Rep.	B67-ASB.11	23-Nov-17 Detected							-2' X 4' Two-hole Pattern Ceiling Tile	Floor Tile Floor Tile		
2	219	Storage	Ceiling Space	Mechanical	Fiberglass Insulation	No			No							218 Staff Lounge	Floor Tile		
_				Drywall Mud					Asbestos							- Drywall Mud Compound Compilation			
2	219	Storage	Walls	Compound Fiberglass Insulation		No	Sample Rep.	B67-ASB.3	16-Nov-17 Detected							Wall Sample	Floor Tile		
	219	Storage	Walls	/ Exterior Metal Cladding	North Wall	No											Floor Tile		
2	219	Storage	vvalis	Clauding		INU											Tion file		
					1' x 1' Floor Tile White w Faint Brown											219 Storage - 1' X 1' White w Faint Brown & Grey			
2	219	Storage	Floor	Vinyl Floor Tile	& Grey Streaks	Yes	Sample	B67-ASB.9	21-Nov-17 Chrysotile	1-5%	Vinyl Asbestos Tile	No	Good	45 ft ²	3	Streaks.	Floor Tile	Good Manage	
2	219	Storage	Floor	Final Layer	Concrete	No			No										
					2' X 4' Suspended				Asbestos							218 Staff Lounge			
2	220	Boardroom	Ceiling	Ceiling Tile	Ceiling Metal	No	Sample Rep.	B67-ASB.11	23-Nov-17 Detected							-2' X 4' Two-hole Pattern Ceiling Tile			
2	220	Boardroom	Ceiling Space	Q-Deck Surface	rvietal	No			 	-	1		1					 	1
2	220	Boardroom	Ceiling Space	Mechanical	Fiberglass Insulation	No													
l T	T			Drywall Mud					No Asbestos			1				218 Staff Lounge - Drywall Mud Compound Compilation			
2	220	Boardroom	North & South Walls	Compound		No	Sample Rep.	B67-ASB.3					1			Wall Sample			
,	220	Boardroom	East & West Walls	Drywall	Vinyl Covered Gypsum	No						1							
	220	Journioum	u rrout rrails	Fiberglass Insulation	Оуровін	140													
2	220	Boardroom	Wall	/ Exterior Metal Cladding	North Wall	No													North wall cavity.
2	220	Boardroom	Floor	Carpet		No No													
2	220	Boardroom	Floor	Final Layer	Concrete	No			No		1		-						
					2' X 4' Suspended				Asbestos							218 Staff Lounge			
2	221 221	Office Office	Ceiling Ceiling Space	Ceiling Tile Q-Deck Surface	Ceiling Metal	No No	Sample Rep.	B67-ASB.11	23-Nov-17 Detected							-2' X 4' Two-hole Pattern Ceiling Tile			
2	221	Office	Ceiling Space	Mechanical	Fiberglass Insulation	No			No										
				Drywall Mud					Asbestos							203,206,221,222 Drywall Mud			
2	221	Office	North Wall East & West &	Compound	Vinyl Covered	No	Sample	B67-ASB.1	16-Nov-17 Detected							Compound Compilation Wall Sample.			
2	221	Office	South Walls	Drywall	Gypsum	No													
				Fiberglass Insulation / Exterior Metal															
2	221	Office	Wall	Cladding	North Wall	No													North wall cavity.
									No Asbestos							216 Corridor			
2	221	Office Office	Floor Floor	Sheet Flooring Final Layer	Beige Flooring	No No	Sample Rep.	B67-ASB.5	01-Oct-13 Detected							-Beige Sheet Flooring			
2	221	Office	FIOOF	Final Layer	Concrete	NO			No										
2	222	Office	Ceiling	Ceiling Tile	2' X 4' Suspended Ceiling	No	Sample Rep.	B67-ASB.11	Asbestos 23-Nov-17 Detected							218 Staff Lounge -2' X 4' Two-hole Pattern Ceiling Tile			
2	222	Office	Ceiling Space	Q-Deck Surface	Metal	No	Sample Kep.	D07-A3D.11	23-NOV-17 Detected							2 A4 TWO-HOLE F ALLEHT CHILLING THE			
2	222	Office	Ceiling Space	Mechanical	Fiberglass Insulation	No													
	222	Ollice	Ceiling Space		i ibergiass irisulation	140			No										
2	222	Office	East Wall	Drywall Mud Compound		No	Sample	B67-ASB.1	Asbestos 16-Nov-17 Detected							203,206,221,222 Drywall Mud Compound Compilation Wall Sample.			
			North, South & West		Vinyl Covered		Cartple	DOT 700.1	. J 1404 17 Delected				İ			pound complication real cample.			
2	222	Office	Walls	Drywall Fiberglass Insulation	Gypsum	No	—		 			-	-						
				/ Exterior Metal]							1							
2	222 222	Office Office	Wall Floor	Cladding Carpet	North Wall	No No			 	-	-		-						North wall cavity.
2	222	Office	Floor	Final Layer	Concrete	No													
]		2' X 4' Suspended				No Asbestos			1				218 Staff Lounge			
2	223	Office	Ceiling	Ceiling Tile	Ceiling	No	Sample Rep.	B67-ASB.11	23-Nov-17 Detected							-2' X 4' Two-hole Pattern Ceiling Tile			
]						No			1				216 Corridor -2' X 4' Pinhole / Texture Pattern Ceiling			
	00-	Office	Ceiling	Ceiling Tile	2' X 4' Suspended	No		D07 4 ::	Asbestos							-2' X 4' Pinhole / Texture Pattern Ceiling Tile at the Double Doors to Office Adj. 205.			
2	223 223	Office	Ceiling Space	Q-Deck Surface	Ceiling Metal	No No	Sample Rep.	B67-ASB.13	01-Oct-13 Detected		<u> </u>					200.			<u> </u>
2	223	Office			Fiboralogs In suler	No							1						
2	223	Office	Ceiling Space	Mechanical	Fiberglass Insulation	NO			No				1			218 Staff Lounge - Drywall Mud Compound Compilation			
2	223	Office	North & East Walls	Drywall Mud Compound		No	Sample Rep.	D67.ACD 2	Asbestos 16-Nov-17 Detected			1				- Drywall Mud Compound Compilation Wall Sample			
					Vinyl Covered		запрів Кер.	D01-A3B.3	10-NOV-17 Detected				1			rrun Janipie			
2	223	Office	West & South Walls	Drywall Fiberglass Insulation	Gypsum	No							1						1
				/ Exterior Metal	1														
2	223	Office	Wall	Cladding	North Wall	No			No	ļ			ļ						North wall cavity.
]						Asbestos			1				216 Corridor			
2	223 223	Office Office	Floor Floor	Sheet Flooring Final Layer	Beige Flooring Concrete	No No	Sample Rep.	B67-ASB.5	01-Oct-13 Detected	ļ			ļ			-Beige Sheet Flooring			1
-	223	Ollice	FIUUI	rinai Layer		INU			No				1						
2	224	Office	Ceiling	Ceiling Tile	2' X 4' Suspended Ceiling	No	Sample Rep.	B67-ASB.11	Asbestos			1				218 Staff Lounge -2' X 4' Two-hole Pattern Ceiling Tile			
-	444	Omite	Ceillig	Comity Tile	Celling	140	запри кер.	aur-nab.ii					1			216 Corridor			
]		2' X 4' Suspended				No Asbestos			1				-2' X 4' Pinhole / Texture Pattern Ceiling Tile at the Double Doors to Office Adj.			
2	224	Office	Ceiling	Ceiling Tile	Ceiling	No	Sample Rep.	B67-ASB.13	01-Oct-13 Detected							Tile at the Double Doors to Office Adj. 205.			<u> </u>
2	224	Office	Ceiling Space	Q-Deck Surface	Metal	No			 	-			 						
2	224	Office	Ceiling Space	Mechanical	Fiberglass Insulation	No													
I	П								No Ashestos							218 Staff Lounge			
2	224	Office	South Wall	Drywall Mud Compound		No	Sample Rep.	B67-ASB.3	Asbestos 16-Nov-17 Detected							- Drywall Mud Compound Compilation Wall Sample			<u> </u>

	Sel vice	and Storage B	uildings - 88 King	Street - 2017	Material	1	1	1		Asbestos	Achoetoe	ACM	nsuiting Lta.				T				1
Floor	Number	Area	Elements	Sub Elements	Description	Suspect	Sample / Rep	Sample ID	DD/MM/YY	Type	Asbestos %	Product	Friable	Condition	Quantity	Priority	Sample Location	ACM In Area	Condition	Action	Comments
i			North, East & West		Vinyl Covered																
2	224	Office	Walls	Drywall Fiberglass Insulation	Gypsum	No															
				/ Exterior Metal																	
2	224	Office	Wall Floor	Cladding Carpet	North Wall	No No															North wall cavity.
2	224 224	Office Office	Floor	Final Layer	Concrete	No															
				Drywall Mud						No Asbestos							225 Mechanical - Drywall Mud Compound Compilation				
2	225	Mechanical	Ceiling	Compound Q-Deck Surface		No	Sample	B67-ASB.11	07-Mar-14	Detected							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			
										No							225 Mechanical	•			
2	225	Mechanical	Walls	Drywall Mud Compound		No	Sample Rep.	B67-ASB.11	07-Mar-14	Asbestos Detected							- Drywall Mud Compound Compilation Ceiling Sample	Tar Coating			
				Fiberglass Insulation / Exterior Metal	n																
2	225	Mechanical	North & East Walls	/ Exterior Metal Cladding		No												Tar Coating			North & east wall cavities.
-			North, East & West		Vinyl Covered																Horar a cast war cavacs.
2	225	Mechanical	Walls	Drywall	Gypsum	No											225 Mechanical	Tar Coating			
			Interior S.A. S-1														- Black Tar Coating Within the Intake Air				Fiberglass insulation coated with tar at the insulation
2	225	Mechanical	Intake Air - Wall Interior S.A. S-1		Tar Coating	Yes	Sample	B67-ASB.7	16-Nov-17	Chrysotile	1 to 5	Tar	No	Good	200 ft ²	3	Plenum Along the North Wall.	Tar Coating	Good	Manage	edges within the intake plenum in the north wall.
2	225	Mechanical	Intake Air - Wall	Insulation	Fiberglass Insulation	No												Tar Coating			
										No Asbestos							225 Mechanical				
2	225	Mechanical	Mechanical	Boiler Breeching	Mud Compound	No	Sample	B67-ASB.1	07-Mar-14	Detected							- Boiler Exhaust Breeching 225 Mechanical	Tar Coating			
										No							225 Mechanical				
2	225	Mechanical	Mechanical	Pipelines	Pipefitting Mud Lineal Fiberglass	No	Sample	B67-ASB.2	07-Mar-14	Asbestos Detected							 DCW pipeline fitting at the south end of hot water tank. 	Tar Coating			
										No								-			
2	225	Mechanical	Mechanical	Pipelines	Pipefitting Mud Lineal Fiberglass	No	Sample	B67-ASB.3	07-Mar-14	Asbestos Detected							225 Mechanical - DHWR Small Pipeline fitting.	Tar Coating			
-	220	www.dillodi	www.lailleai	· ipolities		.40	Calliple	DUI MOD.S	U1 1401-14	No							225 Mechanical	· · · · · · · · · · · · · · · · · · ·	1		
,	225	Mechanical	Mechanical	Pipelines	Pipefitting Mud Lineal Fiberglass	No	Sample	B67-ASB.4	07-Mar-14	Asbestos Detected							 HWR Medium pipeline mud compound at hanger adj. to south wall. 	Tar Coating			
	225	iviecridifical	wecianical	ripelliles		INU	Sample	D07-A3B.4	U7-M8F-14	No							225 Mechanical	rai conning			
,	225	Mechanical	Mechanical	Pipelines	Pipefitting Mud Lineal Fiberglass	No	Sample	B67-ASB.5	07-Mar-14	Asbestos Detected							Pipeline fitting on small DHW tank at south wall.	Tar Coating			
	225	iviecrianical	iviechanicai	ripelines	Linear FIDerglass	INO	онтріе	D07-A5B.5	U7-M8F-14								225 Mechanical	rai odding	1		
					D' - 50' - 14 1					No							- Pipeline fitting on medium overhead				
2	225	Mechanical	Mechanical	Pipelines	Pipefitting Mud Lineal Fiberglass	No	Sample	B67-ASB.6	07-Mar-14	Asbestos Detected							HWS line at the north end of storage tank.	Tar Coating			
										No							225 Mechanical	•			
2	225	Mechanical	Mechanical	Insulation	Lineal Pipeline Insulation	No	Sample	B67-ASB.7	07-Mar-14	Asbestos Detected							 Medium glycol pipeline insulation adj. converter adj. to east wall. 	Tar Coating			
										No							225 Mechanical				
2	225	Mechanical	Mechanical	Mud Compound	Converter Tank	No	Sample	B67-ASB.8	07-Mar-14	Asbestos Detected							 Mud compound on converter tank adj. to east wall. 	Tar Coating			
	LLU	Woondinodi	WCG IGHICGI	mod Compound		140	Gumpic	507 7105.0	07 14101 14	No							225 Mechanical	Tai County			
2	225	Mechanical	Mechanical	Insulation	Pipeline Lineal Insulation	No	Sample	B67-ASB.9	07-Mar-14	Asbestos Detected							- Lineal pipeline insulation on medium HWS at south end of boiler.	Tar Coating			
	223	iviecnanica	Wechanical	insulation	II ISUIAIIOI	140	Sample	D07-A3D.8	07-Wai-14	No							225 Mechanical	rai Coduing			
	005	Mechanical	Mechanical	Insulation	Duct Insulation	No		B67-ASB.10	07-Mar-14	Asbestos Detected							- Insulation on duct above Supply Fan S-	Tar Coating			
	225	iviecnanica	Wechanical	insulation		140	Sample	D07-A3B.10	U7-IVIAI-14								225 Mechanical	rai Coding			
				Ducting Vibration	Vibration Gasket on S.A. Fan S-1 to					No Asbestos							Vibration Gasket on S.A. S-1 Duct at Joiner to Intake Duct, on North Side of				
2	225 225	Mechanical Mechanical	Mechanical Floor	Gasket Final Layer	Intake Duct Concrete	No No	Sample	B67-ASB.6	16-Nov-17	Detected							Unit.	Tar Coating			
		Mechanical Rooftop	Floor Roof		Concrete Black Tar	No No												Tar Coating Tar Coating			The owner stated the roof was replaced in 2007 or so.
К	Exterior	коопор	KOOT	Asphalt	Black Far	NO													-		
R	Exterior	Rooftop	Roof	Insulation		Yes															Not certain what was replaced during the re-roofing project. Not likely the roof insulation contains asbestos.
- K	LAIGHOI	rtoonop	rtour	moditation		100															The exterior brick/mortar was cored through, no
_																					vermiculite within cold space and no vermiculite within
R	Exterior		Walls	Brick / Mortar Thin Laver Behind		No															concrete block.
R	Exterior		Walls	Brick / Mortar	Fiberglass	No															
R	Exterior		Walls	Concrete Block	Empty Block Cavity	No															
STC	RAGE	BUILDING		1	+	1	-						-			-			1		
М			Roof	Metal	Exterior Cladding	No															
М			Ceiling Ceiling	Insulation Metal	Fiberglass Interior Liner	No No															
М			Walls	Metal	Interior Liner	No															<u> </u>
M M		-	Walls Walls	Insulation Metal	Fiberglass	No No	1												1		
M			Walls Floor	Metal Concrete	Exterior Cladding	No No	 												1		
					Dinafe					No							Storage Building				
м			Mechanical	Pipelines	Pipefitting Mud Compound	No	Sample	B67-ASB.1	07-Mar-14	Asbestos Detected	1						Small overhead pipeline fitting on pipeline in the 3rd Bay from the west.		1		
				Pipeline Lineal						No Ashestos							pipeline in the 3rd Bay from the west. Storage Building				
м			Mechanical	Pipeline Lineal Insulation	Fiberglass	No	Sample	B67-ASB.2	07-Mar-14	Asbestos Detected	1						 Lineal pipeline insulation overhead on pipeline in the 3rd Bay from the west. 		1		
																	Storage Building				
				1						No Asbestos							- Fire-stop material at the pipeline penetration into the lower west wall				
М			Mechanical	Pipeline Penetration	n Fire-stop	No	Sample	B67-ASB.3	07-Mar-14	Detected							adjacent the compressor.		1		
				1	Pipefitting Mud					No Asbestos	1						Storage Building - Small overhead pipeline fitting on		1		
М			Mechanical	Pipelines	Compound	No	Sample	B67-ASB.4	07-Mar-14	Detected							pipeline in the middle of Bay 9.				
				1	Pipefitting Mud					No Ashestos	1						Storage Building - Small overhead pipeline fitting on		1		
м			Mechanical	Pipelines	Pipefitting Mud Compound	No	Sample	B67-ASB.5	07-Mar-14	Detected							pipeline adjacent the west wall.				
	T			_					1]	Storage Building - Drywall mud compound wall		1		
	- 1			1						No							compilation sample on the structure				
				Drywall Mud	1	I	1.	B67-ASB.1	23-Nov-17	Asbestos Detected	1		1				constructed in the east interior of the building.		1		
		East Street	Ceilinn			N1-															
м		East Structure	Ceiling	Compound		No	Sample Rep.	B67-A5B.1	23-NOV-17	Detected							Storage Building				
		East Structure	Ceiling			No	Sample Rep.	B67-A5B.1	23-1101-17								Storage Building - Drywall mud compound wall				
м										No Asbestos							Storage Building - Drywall mud compound wall compilation sample on the structure constructed in the east interior of the				
		East Structure East Structure East Structure	Ceiling Walls Floor	Compound		No No No	Sample Rep.	B67-ASB.1	23-Nov-17	No							Storage Building - Drywall mud compound wall compilation sample on the structure				

APPENDIX III FLOOR PLANS



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 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)