

Pre-Demolition Assessment

June 14, 2018

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

Attention: Hazel Fernandez

File Number: B67PDF12H

Project: V. Rempel Yards Equip. Storage

Evan Westad of Bersch Consulting Ltd. conducted a site visit on June 12, 2018 to 1101 Ave P North in Saskatoon, Saskatchewan. The purpose of the visit was to investigate and collect bulk samples to determine the presence/absence of asbestos within the V. Rempel Yards Equipment Storage Building. Five (5) bulk samples were collected and analyzed for the identification of asbestos. Asbestos **was not** detected within 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. Please reference **Appendix I** for the bulk analysis results.

Site Observations and Information

The V. Rempel Yards Equipment Storage is a wood framed storage building built directly over a concrete pad. With the exception of unit 107 the building is not insulated. The insulation within unit 107 consists of non-asbestos fiberglass insulation. The construction of the building consists of wood framing with metal cladding exterior. The lower five feet of the interior includes a tar-paper wrapped plywood sheet fastened between the cladding and wood studs. Cladding has been fastened to a previous faux brick, particle board façade in some areas. The roof of the building consists of lapping wood boards with a tar-paper layer followed by plywood, tar roofing and rolled on shingles. Please see **Appendix II** for site photos. Samples of tar-paper, concrete, ceiling tile, tar-roofing and shingle were collected. Please see **Appendix III** for sample locations. All sample were tested for the presence/absence of asbestos. Asbestos was not detected within the samples.

The building is illuminated by florescent lighting in most areas. Prior to demolition florescent tubes should be removed and recycled appropriately. In most areas florescent light consists of modern T6 florescent

lighting equipped with electronic ballasts. Fixtures containing outdated T8 florescent tubes were examined and found to contain ballasts labelled “non-PCB”.

There are currently no asbestos concerns regarding the demolition of the V. Rempel Yards Equipment Storage Building. 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.
B67PDF12H- V. Rempel Yards Equip. Storage

Appendix I

Bulk Sample Analysis Report

Bulk Sample Analysis Report

June 14, 2018

Project Number: B67.18

Client: City of Saskatoon

Contact: Hazel Fernandez

Location: V. Rempel Yards Equipment Storage

File Number: B67BAF12H

Sample Number	Sample Date	Sample Material	Sample Location and Information	Asbestos	%	Analyst
1	2018/06/12	Tar Paper	Room 101 North Wall	No Asbestos Detected		EMSL
2	2018/06/12	Concrete	Room 101	No Asbestos Detected		EMSL
3	2018/06/12	Ceiling Tile	Room 105 2'x4' Pinhole Gash	No Asbestos Detected		EMSL
4	2018/06/12	Roofing Tar	Rooftop	No Asbestos Detected		EMSL
5	2018/06/12	Roll on Shingle	Rooftop	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.

Appendix II

Site Photos



Photo 001- V. Rempel Yards Equip. Storage



Photo 002- Faux Brick Façade behind Metal Cladding



Photo 003- Interior of Unit 101



Photo 004- Wall Insulation- Unit 107



Photo 005- Roof Insulation- Unit 007



Photo 006- Non-PCB Light Ballast- Unit 007

Appendix III

Sample Locations

