ASBESTOS AND LEAD PAINT BUILDING MATERIALS SURVEY
208 ELIZABETH AVENUE
MEMORIAL UNIVERSITY OF NEWFOUNDLAND

Prepared for:

Memorial University of Newfoundland

St. John's, NL

Pinchin LeBlanc Environmental Ltd Project No. 02-02-00900

March, 2013

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SAINT JOHN, NB • DARTMOUTH, NS • LABRADOR CITY, NL • CORNER BROOK, NL

EXECUTIVE SUMMARY

Pinchin LeBlanc Environmental Limited (Pinchin) was retained by Memorial University of Newfoundland to perform asbestos and lead paint surveys in selected buildings on the Memorial University of Newfoundland's St. John's, NL campus. A total of twenty-seven (27) buildings were surveyed for asbestos containing materials (ACM) and lead based paints (LBP). This report will provide the findings for the following location;

BUILDING DESCRIPTION: 208 ELIZABETH AVENUE

BUILDING ADDRESS: 208 ELIZABETH AVENUE, ST. JOHN'S, NL

A summary of the findings for the 208 Elizabeth Avenue (hereafter referred to as "Site Building") is provided. For specific recommendations regarding any hazardous materials listed the reader will refer to Sections 3 and 4 of this report:

1. Non-friable materials with the potential to become friable during renovation and demolition activities were identified inside the Site Building, specifically drywall joint compound.
2. Paints containing greater than 600 mg/kg of lead were identified in the Site Building, specifically grey wall paint in the basement central stairwell, white ceiling paint on the first floor, and the grey and white exterior paints.
3. The white exterior paint should be subjected to leachate analysis to determine appropriate disposal requirements prior to renovation/maintenance/demolition activities.

This Executive Summary is subject to the same standard limitations as contained in the report and must be read in conjunction with the entire report.

TABLE OF CONTENTS

1.0 INTRODUCTION

Pinchin LeBlanc Environmental Ltd. (Pinchin) was retained by Memorial University of Newfoundland to perform asbestos and lead paint surveys in selected buildings on the Memorial University of Newfoundland's St. John's, NL campus. A total of twenty-seven (27) buildings were surveyed for asbestos containing materials (ACM) and lead based paints (LBP). This report will provide the findings for the following location;

BUILDING DESCRIPTION: 208 ELIZABETH AVENUE

BUILDING ADDRESS: 208 ELIZABETH AVENUE, ST. JOHN'S, NL

The report presents a detailed investigation of condition, quantity, location, access, and type of ACM and LBP present in the building. The Overview Report, provided under separate cover, provides detailed information regarding the survey methodology, sampling procedure, evaluation criteria, suspect materials and regulatory information.

Provincial regulations and guidelines distinguish between friable[1] and non-friable[2] materials. The asbestos building materials survey performed by Pinchin included a search for both friable and common non-friable ACM.

For reporting purposes, the survey will be divided into sections. The report is presented in this manner to accommodate ease in reading and to allow access to report information for specific areas or materials within the building. The report also addresses specific systems and products likely present in the building. The sections of the report are as follows:

2.0 Survey Information

3.0 ACM Survey Findings

4.0 LBP Survey Findings

5.0 Recommendations

1 The term friable is applied to a material that can be readily reduced to dust or powder by hand or moderate pressure. Friable ACM has a much greater potential to release airborne asbestos fibres when disturbed. The most common friable ACM used in the past are sprayed or trowelled materials (for fireproofing or thermal insulation), texture plaster (decorative or acoustic), and mechanical insulations.

2 Common non-friable ACM include vinyl floor tiles, ceiling tiles, gasket materials, asbestos cement pipe or board (transite), and asbestos textiles. Although a product may be considered non-friable when new, if the product releases fine dust due to deterioration or during removal, the free dust is considered friable. For example, most lay-in or glued on acoustic ceiling tiles release significant dust during removal of large quantities of these tiles.

2.0 SURVEY INFORMATION

The survey was conducted on August 24th 2012. The survey, collection of representative bulk samples, and recording of information was performed by Mr. Trent Hardy, of Pinchin. All accessible areas of the building were inspected for the presence of asbestos containing materials (ACM) and lead based paints (LBP).

A total of nine (9) representative bulk samples were collected for analysis for asbestos content and six (6) bulk samples were collected for analysis of lead content.

3.0 ACM SURVEY FINDINGS

The ACM found during this survey are detailed in the location & data excel document provided to the client. The excel document serves as the clients active asbestos management plan. Quantities of materials identified, locations and friable or non-friable are also present in this excel file. Laboratory certificates for asbestos samples collected are presented in Appendix I and lead samples are presented in Appendix II. Sample location drawings are provided in Appendix III. A photographic record of the samples collected during the survey of the building is presented in Appendix IV. The following is summary of the findings for this building.

3.1 Sprayed or Trowelled Fireproofing and Thermal Insulation

Spray applied fireproofing materials were not observed in the Site Building

3.2 Mechanical Insulation

One (1) sample of the mechanical insulation was collected on the furnace chimney. Analysis of this sample did not identify the presence of asbestos (reference sample 02-02-900-S001).

3.3 Acoustic Ceiling Tiles

One (1) sample of the 2'x2' acoustic ceiling tile distinguished by a pinhole and fleck pattern was collected from the first floor offices. Analysis of this sample did not identify the presence of asbestos (reference sample 02-02-900-S008).

3.4 Drywall, Plaster, and Texture Finishes

Drywall was used as a wall and ceiling finish throughout the building. Until the early to mid-1980s, drywall joint compound may have contained chrysotile asbestos. Drywall joint compound is considered a non-friable material. Most buildings of this type undergo constant renovation,

including the removal and replacement of drywall partitions. Therefore extensive sampling of drywall compound is necessary to come to a reasonable conclusion regarding the extent of asbestos. Furthermore, any attempt to distinguish and delineate all asbestos-containing drywall compounds from new non-asbestos drywall compound is often unachievable. Therefore, drywall joint compound was sampled at walls, which were believed to be original to try to define the presence of asbestos content in the original drywall compound.

Four (4) samples of drywall joint compound were collected in the Site Building. Results from two (2) of the four (4) samples collected contain 3% Chrysotile asbestos (reference samples 02-02-900-S005, and 02-02-900-S006).

3.5 Vinyl Flooring Materials

Three (3) types of vinyl sheet flooring were sampled in the site building. A list of the three (3) visually different vinyl sheet flooring is provided below:

- One (1) sample was collected of the vinyl sheet flooring identified as grey with blue and cream mottling from the basement central stairwell. Analysis of this sample did not identify the presence of asbestos (reference sample 02-02-900-S002).

- One (1) sample was collected of the vinyl sheet flooring identified as having a light grey pebble pattern from the first floor rear porch. Analysis of this sample did not identify the presence of asbestos (reference sample 02-02-900-S004).

- One (1) sample was collected of the vinyl sheet flooring identified as having a grey stone pattern from the first floor offices. Analysis of this sample did not identify the presence of asbestos (reference sample 02-02-900-S007).

3.6 Asbestos Cement Products

No asbestos cement products were observed inside the Site Building.

3.7 Vermiculite Insulation

No vermiculite containing products were observed. Visual observations were made above the ceiling and through any hatches.

3.8 Other Asbestos Containing Building Materials

No other suspect asbestos containing building materials were identified in the Site Building.

4.0 LBP SURVEY FINDINGS

Results from three (3) of the samples have identified lead concentrations that would be considered a potential risk for worker exposure during construction or renovation activities (i.e. lead concentrations exceeding 0.06%). The grey wall paint found in the basement central stairwell (reference sample 02-02-900-L001) as well as the white interior paint found on ceilings of the first floor of the Site Building (reference sample 02-02-900-L003), and the white exterior wall paint (reference sample 02-02-900-L005) and the same paint colours located elsewhere, should be managed as lead-containing.

Analytical results for the white paint indicate a lead concentration that exceeds the criteria set forth by the NL Department of Environment and Conservation for disposal of lead wastes in Newfoundland and Labrador landfills (i.e. lead concentration exceeding 0.5%). The white exterior wall should be subjected to leachate analysis to determine appropriate disposal options.

5.0 RECOMMENDATIONS

Asbestos containing materials and lead based paints have been identified in the Site Building. Listed below are a series of general recommendations for the Site Building. Recommendations provided in the Overview Report may also be reviewed and applied to this building.

Potentially Friable Materials

Non-friable materials with the potential to become friable during renovation and demolition activities were identified inside the Site Building, specifically drywall joint compound.

1. Under the NL guidance documents for moderate and low risk asbestos abatement procedures, quantities of these materials within an enclosure exceeding 100 ft^2 should be removed using Type III (high risk) asbestos abatement procedures. Quantities less than 100 ft^2 but exceeding 10ft^2 should be removed using Type II (moderate risk) asbestos abatement procedures, while quantities less than 10 ft^2 should be removed using Type I (low risk) asbestos abatement procedures.

Lead Based Paints

Do not grind, sand, torch or cut lead materials without using proper procedures, as material poses a health hazard if disturbed by these methods.

Any painted surfaces visually matching the identified paint colors should be managed as lead containing and necessary precautions (i.e.: worker protection) should be employed prior to the

disturbance to these materials. Do not grind, sand, torch or cut lead materials without using proper procedures, as material poses a health hazard if disturbed by these methods.

The white exterior paint should be subjected to leachate analysis to determine appropriate disposal requirements prior to renovation/maintenance/demolition activities.

Should there be any questions pertaining to the contents of this report, please do not hesitate to contact the undersigned at our office.

Pinchin LeBlanc Environmental Limited

Prepared by;

APPENDIX I

ASBESTOS ANALYTICAL REPORT

Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020

NVLAP Lab Code: 200664-0

Customer: Pinchin LeBlanc Environmental
27 Austin St
2nd Flr
St Johns, NL A1B 4C3

Attn: Nicole Power

Project: 02-02-900

Lab Order ID: 1214576
Analysis ID: 1214576PLM
Date Received: 9/4/2012
Date Reported: 9/10/2012

Sample ID / *Lab Sample ID*	Description / *Lab Notes*	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes / Treatment
02-02-900-S001 / *1214576PLM_1*	Mechanical Insulation on furnace chimney	None Detected		100% Other	Gray, Non Fibrous, Heterogeneous / Crushed
02-02-900-S002 - A / *1214576PLM_2*	Vinyl sheet flooring, grey with blue and cream mottling / *vinyl*	None Detected	20% Cellulose	80% Other	Gray, Fibrous, Heterogeneous / Dissolved
02-02-900-S002 - B / *1214576PLM_10*	Vinyl sheet flooring, grey with blue and cream mottling / *mastic*	None Detected		100% Other	Brown, Non Fibrous, Heterogeneous / Dissolved
02-02-900-S003 / *1214576PLM_3*	DWJC	None Detected		100% Other	White, Non Fibrous, Homogeneous / Crushed
02-02-900-S004 - A / *1214576PLM_4*	Vinyl sheet flooring, light grey pebble pattern / *vinyl*	None Detected		100% Other	White, Gray, Non Fibrous, Homogeneous / Dissolved
02-02-900-S004 - B / *1214576PLM_11*	Vinyl sheet flooring, light grey pebble pattern / *mastic*	None Detected	3% Cellulose	97% Other	Yellow, Non Fibrous, Heterogeneous / Dissolved
02-02-900-S005 / *1214576PLM_5*	DWJC	3% Chrysotile		97% Other	Tan, Non Fibrous, Homogeneous / Crushed
02-02-900-S006 / *1214576PLM_6*	DWJC	3% Chrysotile		97% Other	Tan, Non Fibrous, Homogeneous / Crushed

Disclaimer: Due to the nature of the EPA 600 method, asbestos may not be detected in samples containing low levels of asbestos. We strongly recommended that analysis of floor tiles, vermiculite, and/or heterogeneous soil samples be conducted by TEM for confirmation of "None Detected" by PLM. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government. Estimated MDL is 0.1%.

Dorlos Ammerman (12)
Analyst

Nathaniel Durham, MS or Approved Signatory

Bulk Asbestos Analysis

By Polarized Light Microscopy
EPA Method: 600/R-93/116 and 600/M4-82-020

NVLAP Lab Code 200664-0

Customer: Pinchin LeBlanc Environmental
27 Austin St
2nd Flr
St Johns, NL A1B 4C3

Attn: Nicole Power

Project: 02-02-900

Lab Order ID: 1214576
Analysis ID: 1214576PLM
Date Received: 9/4/2012
Date Reported: 9/10/2012

Sample ID / *Lab Sample ID*	Description / *Lab Notes*	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes / Treatment
02-02-900-S007 - A / *1214576PLM_7*	Vinyl sheet flooring, grey stone pattern / *vinyl*	None Detected	15% Cellulose	85% Other	Gray, Fibrous, Heterogeneous / Dissolved
02-02-900-S007 - B / *1214576PLM_12*	Vinyl sheet flooring, grey stone pattern / *mastic*	None Detected	2% Cellulose	98% Other	Yellow, Non Fibrous, Heterogeneous / Dissolved
02-02-900-S008 / *1214576PLM_8*	2'x2' ACT pinhole fleck	None Detected	40% Cellulose 40% Fiber Glass	20% Other	Tan, White, Fibrous, Heterogeneous / Crushed
02-02-900-S009 / *1214576PLM_9*	DWJC	None Detected		100% Other	Tan, Non Fibrous, Homogeneous / Crushed

Dorlos Ammerman (12)
Analyst

Nathaniel Durham, MS or Approved Signatory

APPENDIX II

LEAD PAINT ANALYTICAL REPORT

Analysis for Lead Concentration in Paint Chips

by Flame Atomic Absorption Spectroscopy
EPA SW-846 3rd Ed. Method No. 3050B/Method No. 7420

AIHA LAP, LLC ACCREDITED LABORATORY ENVIRONMENTAL LEAD ISO/IEC 17025:2005 www.aihaaccreditedlabs.org LAB #173190

Customer: Pinchin LeBlanc Environmental
27 Austin St
2nd Flr
St Johns NL A1B 4C3

Attn: Dawn Benteau

Project: 02-02-900

Lab Order ID: 1214517
Analysis ID: 1214517_PBP
Date Received: 9/4/2012
Date Reported: 9/11/2012

Sample ID *Lab Sample ID*	Description *Lab Notes*	Mass *(g)*	Analytical Sensitivity *(% by weight)*	Concentration *(% by weight)*
02-02-900-L001 1214517PBP_1	Grey wall paint "208 Eliz. Ave"	0.0793	0.002%	**0.19%**
02-02-900-L002 1214517PBP_2	Pale yellow wall paint	0.0345	0.004%	**< 0.012%**
02-02-900-L003 1214517PBP_3	*white interior paint*	0.0559	0.002%	**0.072%**
02-02-900-L004 1214517PBP_4	*red wall paint*	0.0312	0.004%	**< 0.013%**
02-02-900-L005 1214517PBP_5	*white paint*	0.0783	0.002%	**0.79%**
02-02-900-L006 1214517PBP_6	*grey paint*	0.0479	0.003%	**0.13%**
02-02-900-L007 1214517PBP_7		-	**Not Submitted**	
02-02-900-L008 1214517PBP_8		-	**Not Submitted**	
02-02-900-L009 1214517PBP_9	Grey wall paint	-	**Not Submitted**	

Robert Duke (9)
Analyst

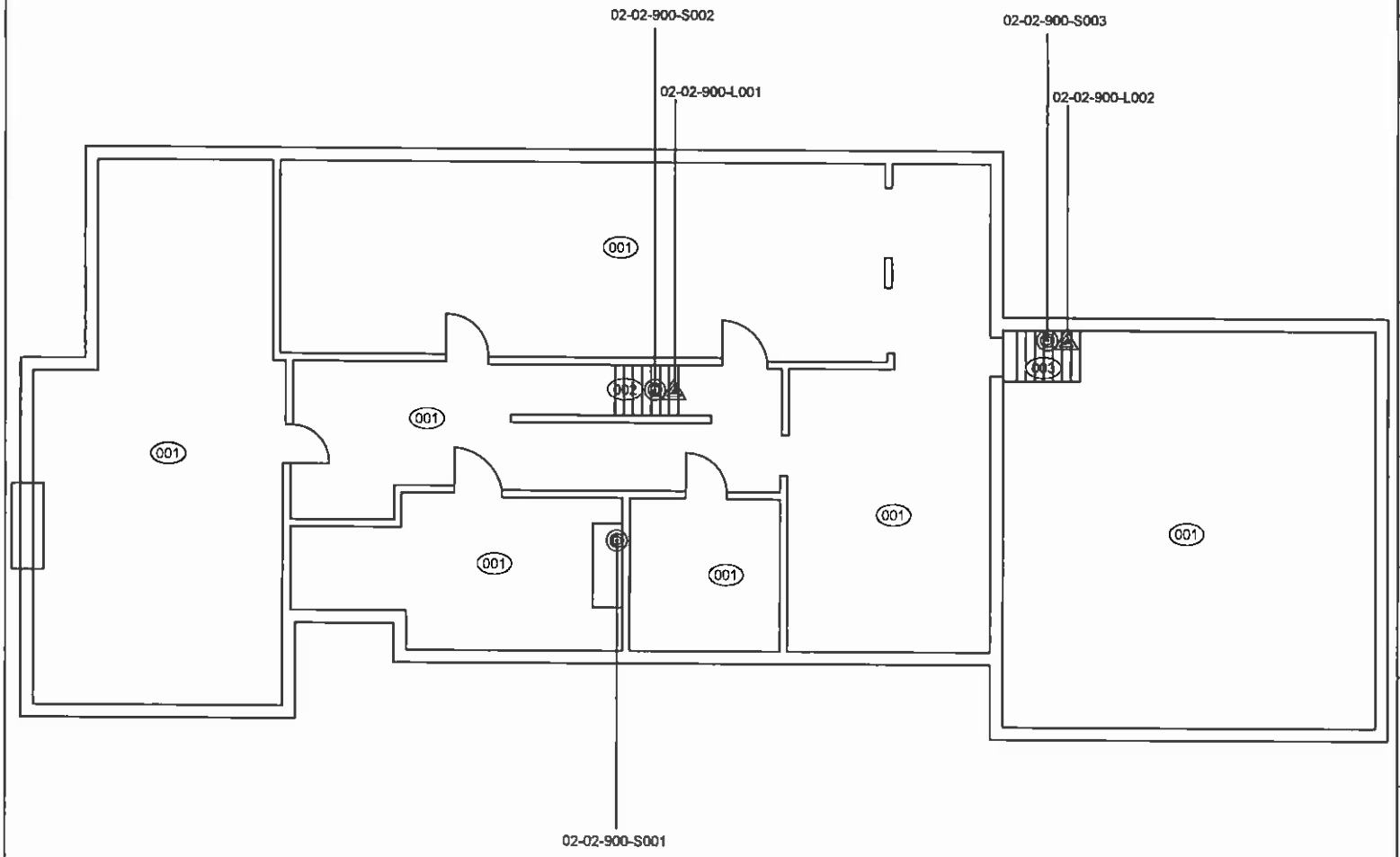
Laboratory Director

APPENDIX III

SITE DRAWINGS

APPENDIX IV

SAMPLE PHOTO LOG



PINCHIN LEBLANC ENVIRONMENTAL

LEGEND:

XXX PINCHIN LOCATION NUMBER

ASBESTOS SAMPLE ID NUMBER

LEAD SAMPLE ID NUMBER

N/A NOT ACCESSIBLE

CLIENT:

MEMORIAL UNIVERSITY OF NEWFOUNDLAND

PROJECT:

ASBESTOS AND LEAD BUILDING MATERIALS SURVEY

SITE ADDRESS:

208 ELIZABETH AVENUE, ST. JOHN'S, NEWFOUNDLAND AND LABRADOR

DRAWING NAME:

SAMPLE LOCATIONS LEVEL 1

REFERENCE:

PLEL SITE SURVEY

DATE:	PROJECT #:
SEPTEMBER 2012	02 - 02 - 00900
SCALE: N.T.S.	FIGURE #: 1
DRAWN BY: A. ANISCIKLI	
CHECKED BY: T. HARDY	

ASBESTOS BULK SAMPLING FORM

Sample #:	S001	**Date Sampled:**	August 24, 2012
Building :	208 Elizabeth Avenue	**Sampler:**	Trent Hardy
Location:	001, basement	**Analysis:**	SAI - PLM
MUN Project #:	02-02-900	**Work Order #:**	

Bulk Sampling Parameters

Pipe/Tank	Flooring	Ceiling	Roofing	Location
☐ Insulation	☐ 12'x12' Tile	☐ Textured	☐ Shingle	☐ Floor
☐ Elbow	☐ 9'x9'Tile	☐ Stucco	☐ Rolled	☐ Wall Orientation
☐ Fitting	☐ Vinyl Sheet	☐ Popcorn	☐ Felt	☐ Ceiling
☐ Transite Pipe	☐ Mastic	☐ DWJC	☐ Tar	☐ Above Ceiling
☐ Gasket	**Wall**	☐ Plaster		X Other (chimney)
☐ Tank Insulation	☐ Transite Panel	☐ Acoustic Tile (Dropped)		
☐ Pipe Wrap	☐ Textured Wall	☐ Acoustic Tile (Glued-on)		
HVAC	☐ Plaster	☐ Mastic	Miscellaneous: Insulation on furnace chimney	
☐ Insulation	☐ DWJC	**Structural**		
☐ Tape		☐ Steel F. P. ing	No. of Phases: _____	
☐ Paper Wrap		☐ Deck F. P. ing	Colour: _____	

ASBESTOS BULK SAMPLING FORM

Sample #:	S002	**Date Sampled:**	August 24, 2012
Building :	208 Elizabeth Avenue	**Sampler:**	Trent Hardy
Location:	002, central stairwell	**Analysis:**	SAI - PLM
MUN Project #:	02-02-900	**Work Order #:**	

Bulk Sampling Parameters

Pipe/Tank	Flooring	Ceiling	Roofing	Location
☐ Insulation	☐ 12'x12' Tile	☐ Textured	☐ Shingle	X Floor
☐ Elbow	☐ 9'x9'Tile	☐ Stucco	☐ Rolled	☐ Wall Orientation
☐ Fitting	X Vinyl Sheet	☐ Popcorn	☐ Felt	☐ Ceiling
☐ Transite Pipe	☐ Mastic	☐ DWJC	☐ Tar	☐ Above Ceiling
☐ Gasket	**Wall**	☐ Plaster		☐ Other
☐ Tank Insulation	☐ Transite Panel	☐ Acoustic Tile (Dropped)		
☐ Pipe Wrap	☐ Textured Wall	☐ Acoustic Tile (Glued-on)		
HVAC	☐ Plaster	☐ Mastic	Miscellaneous: _____	
☐ Insulation	☐ DWJC	**Structural**		
☐ Tape		☐ Steel F. P. ing	No. of Phases: _____	
☐ Paper Wrap		☐ Deck F. P. ing	Colour: Grey with blue and cream mottling	

ASBESTOS BULK SAMPLING FORM

Sample #:	S003	**Date Sampled:**	August 24, 2012
Building :	208 Elizabeth Avenue	**Sampler:**	Trent Hardy
Location:	003, west stairwell	**Analysis:**	SAI - PLM
MUN Project #:	02-02-900	**Work Order #:**	

Bulk Sampling Parameters

Pipe/Tank	Flooring	Ceiling	Roofing	Location
☐ Insulation	☐12'x12' Tile	☐ Textured	☐ Shingle	☐ Floor
☐ Elbow	☐ 9'x9'Tile	☐ Stucco	☐ Rolled	X Wall Orientation
☐ Fitting	☐ Vinyl Sheet	☐ Popcorn	☐ Felt	☐ Ceiling
☐ Transite Pipe	☐ Mastic	☐ DWJC	☐ Tar	☐ Above Ceiling
☐ Gasket	**Wall**	☐ Plaster		☐ Other
☐ Tank Insulation	☐ Transite Panel	☐ Acoustic Tile (Dropped)		
☐ Pipe Wrap	☐ Textured Wall	☐ Acoustic Tile (Glued-on)		
HVAC	☐ Plaster	☐ Mastic	Miscellaneous: _____	
☐ Insulation	X DWJC	**Structural**		
☐ Tape		☐ Steel F. P. ing	No. of Phases: _____	
☐ Paper Wrap		☐ Deck F. P. ing	Colour: _____	

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ASBESTOS BULK SAMPLING FORM

Sample #:	S004	**Date Sampled:**	August 24, 2012
Building :	208 Elizabeth Avenue	**Sampler:**	Trent Hardy
Location:	004, rear porch	**Analysis:**	SAI - PLM
MUN Project #:	02-02-900	**Work Order #:**	

Bulk Sampling Parameters

Pipe/Tank	Flooring	Ceiling	Roofing	Location
☐ Insulation	☐ 12'x12' Tile	☐ Textured	☐ Shingle	X Floor
☐ Elbow	☐ 9'x9'Tile	☐ Stucco	☐ Rolled	☐ Wall Orientation
☐ Fitting	X Vinyl Sheet	☐ Popcorn	☐ Felt	☐ Ceiling
☐ Transite Pipe	☐ Mastic	☐ DWJC	☐ Tar	☐ Above Ceiling
☐ Gasket	**Wall**	☐ Plaster		☐ Other
☐ Tank Insulation	☐ Transite Panel	☐ Acoustic Tile (Dropped)		
☐ Pipe Wrap	☐ Textured Wall	☐ Acoustic Tile (Glued-on)		
HVAC	☐ Plaster	☐ Mastic	Miscellaneous: _____	
☐ Insulation	☐ DWJC	**Structural**		
☐ Tape		☐ Steel F. P. ing	No. of Phases: _____	
☐ Paper Wrap		☐ Deck F. P. ing	Colour: Light grey pebble pattern	

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ASBESTOS BULK SAMPLING FORM

Sample #:	S005	**Date Sampled:**	August 24, 2012
Building :	208 Elizabeth Avenue	**Sampler:**	Trent Hardy
Location:	006, room 2000	**Analysis:**	SAI - PLM
MUN Project #:	02-02-900	**Work Order #:**	

Bulk Sampling Parameters

Pipe/Tank	Flooring	Ceiling	Roofing	Location
☐ Insulation	☐12'x12' Tile	☐ Textured	☐ Shingle	☐ Floor
☐ Elbow	☐ 9'x9'Tile	☐ Stucco	☐ Rolled	X Wall Orientation
☐ Fitting	☐ Vinyl Sheet	☐ Popcorn	☐ Felt	☐ Ceiling
☐ Transite Pipe	☐ Mastic	☐ DWJC	☐ Tar	☐ Above Ceiling
☐ Gasket	**Wall**	☐ Plaster		☐ Other
☐ Tank Insulation	☐ Transite Panel	☐ Acoustic Tile (Dropped)		
☐ Pipe Wrap	☐ Textured Wall	☐ Acoustic Tile (Glued-on)		
HVAC	☐ Plaster	☐ Mastic	Miscellaneous: _____	
☐ Insulation	X DWJC	**Structural**		
☐ Tape		☐ Steel F. P. ing	No. of Phases: _____	
☐ Paper Wrap		☐ Deck F. P. ing	Colour: _____	

ASBESTOS BULK SAMPLING FORM

Sample #:	S006	**Date Sampled:**	August 24, 2012
Building :	208 Elizabeth Avenue	**Sampler:**	Trent Hardy
Location:	007, hallway 2C01	**Analysis:**	SAI - PLM
MUN Project #:	02-02-900	**Work Order #:**	

Bulk Sampling Parameters

Pipe/Tank	Flooring	Ceiling	Roofing	Location
☐ Insulation	☐12'x12' Tile	☐ Textured	☐ Shingle	☐ Floor
☐ Elbow	☐ 9'x9'Tile	☐ Stucco	☐ Rolled	X Wall Orientation
☐ Fitting	☐ Vinyl Sheet	☐ Popcorn	☐ Felt	☐ Ceiling
☐ Transite Pipe	☐ Mastic	☐ DWJC	☐ Tar	☐ Above Ceiling
☐ Gasket	**Wall**	☐ Plaster		☐ Other
☐ Tank Insulation	☐ Transite Panel	☐ Acoustic Tile (Dropped)		
☐ Pipe Wrap	☐ Textured Wall	☐ Acoustic Tile (Glued-on)		
HVAC	☐ Plaster	☐ Mastic	Miscellaneous: _____	
☐ Insulation	X DWJC	**Structural**		
☐ Tape		☐ Steel F. P. ing	No. of Phases: _____	
☐ Paper Wrap		☐ Deck F. P. ing	Colour: _____	

MEMORIAL UNIVERSITY

ASBESTOS BULK SAMPLING FORM

Sample #:	S007	**Date Sampled:**	August 24, 2012
Building :	208 Elizabeth Avenue	**Sampler:**	Trent Hardy
Location:	012, rooms 2006-2007	**Analysis:**	SAI - PLM
MUN Project #:	02-02-900	**Work Order #:**	

Bulk Sampling Parameters

Pipe/Tank	Flooring	Ceiling	Roofing	Location
☐ Insulation	☐ 12'x12' Tile	☐ Textured	☐ Shingle	X Floor
☐ Elbow	☐ 9'x9'Tile	☐ Stucco	☐ Rolled	☐ Wall Orientation
☐ Fitting	X Vinyl Sheet	☐ Popcorn	☐ Felt	☐ Ceiling
☐ Transite Pipe	☐ Mastic	☐ DWJC	☐ Tar	☐ Above Ceiling
☐ Gasket	**Wall**	☐ Plaster		☐ Other
☐ Tank Insulation	☐ Transite Panel	☐ Acoustic Tile (Dropped)		
☐ Pipe Wrap	☐ Textured Wall	☐ Acoustic Tile (Glued-on)		
HVAC	☐ Plaster	☐ Mastic	Miscellaneous: _____	
☐ Insulation	☐ DWJC	**Structural**		
☐ Tape		☐ Steel F. P. ing	No. of Phases: _____	
☐ Paper Wrap		☐ Deck F. P. ing	Colour: Grey stone pattern	

MEMORIAL UNIVERSITY

ASBESTOS BULK SAMPLING FORM

Sample #:	S008	**Date Sampled:**	August 24, 2012
Building :	208 Elizabeth Avenue	**Sampler:**	Trent Hardy
Location:	012, rooms 2006-2007	**Analysis:**	SAI - PLM
MUN Project #:	02-02-900	**Work Order #:**	

Bulk Sampling Parameters

Pipe/Tank	Flooring	Ceiling	Roofing	Location
☐ Insulation	☐12'x12' Tile	☐ Textured	☐ Shingle	☐ Floor
☐ Elbow	☐ 9'x9'Tile	☐ Stucco	☐ Rolled	☐ Wall Orientation
☐ Fitting	☐ Vinyl Sheet	☐ Popcorn	☐ Felt	X Ceiling
☐ Transite Pipe	☐ Mastic	☐ DWJC	☐ Tar	☐ Above Ceiling
☐ Gasket	**Wall**	☐ Plaster		☐ Other
☐ Tank Insulation	☐ Transite Panel	X Acoustic Tile (Dropped)		
☐ Pipe Wrap	☐ Textured Wall	☐ Acoustic Tile (Glued-on)		
HVAC	☐ Plaster	☐ Mastic	Miscellaneous: 2' x 2' pinhole fleck	
☐ Insulation	☐ DWJC	**Structural**		
☐ Tape		☐ Steel F. P. ing	No. of Phases: _____	
☐ Paper Wrap		☐ Deck F. P. ing	Colour: _____	

ASBESTOS BULK SAMPLING FORM

Sample #:	S009	**Date Sampled:**	August 24, 2012
Building :	208 Elizabeth Avenue	**Sampler:**	Trent Hardy
Location:	013, room 2001	**Analysis:**	SAI - PLM
MUN Project #:	02-02-900	**Work Order #:**	

Bulk Sampling Parameters

Pipe/Tank	Flooring	Ceiling	Roofing	Location
☐ Insulation	☐12'x12' Tile	☐ Textured	☐ Shingle	☐ Floor
☐ Elbow	☐ 9'x9'Tile	☐ Stucco	☐ Rolled	☐ Wall Orientation
☐ Fitting	☐ Vinyl Sheet	☐ Popcorn	☐ Felt	X Ceiling
☐ Transite Pipe	☐ Mastic	☐ DWJC	☐ Tar	☐ Above Ceiling
☐ Gasket	**Wall**	☐ Plaster		☐ Other
☐ Tank Insulation	☐ Transite Panel	☐ Acoustic Tile (Dropped)		
☐ Pipe Wrap	☐ Textured Wall	☐ Acoustic Tile (Glued-on)		
HVAC	☐ Plaster	☐ Mastic	Miscellaneous: _____	
☐ Insulation	X DWJC	**Structural**		
☐ Tape		☐ Steel F. P. ing	No. of Phases: _____	
☐ Paper Wrap		☐ Deck F. P. ing	Colour: _____