



### ASBESTOS AND LEAD PAINT BUILDING MATERIALS SURVEY FOR: ST. JOHN'S COLLEGE MEMORIAL UNIVERSITY OF NEWFOUNDLAND



Prepared for: Memorial University of Newfoundland

St. John's, NL

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

June 19, 2013

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ISO 9001:2008 Registered Quality System (Dartmouth, NS)

#### **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: ST. JOHN'S COLLEGE

#### BUILDING ADDRESS: MEMORIAL UNIVERSITY OF NL, ST. JOHN'S CAMPUS, NL

A summary of the findings for the St. John's College Building (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. Friable asbestos containing building materials were identified in the Site Building, specifically parging cement, tanks insulation, cementious material on structural steel, and ceiling stucco.
- 2. Potential friable asbestos-containing building materials were identified in the Site Building, specifically plaster.
- 3. Non-friable asbestos-containing building materials were identified in the Site Building, specifically transite, vinyl floor tiles, vinyl sheet flooring, and caulking.
- 4. Paints containing greater than 600 mg/kg of lead were identified in the Site Building, specifically the cream paint as observed in room 2000, the light blue paint as observed in the Sacristy, and the dark grey paint in room 2501.

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.

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#### **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;

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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<sup>1</sup> and non-friable<sup>2</sup> 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

<sup>1</sup> 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.

<sup>2</sup> 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 February 12<sup>th</sup> and 13<sup>th</sup>, 2013. 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 forty-seven (47) representative bulk samples were sampled for analysis for asbestos content. Multiple phases within various samples were analyzed independently, as a result, a total of seventy (70) analyses were performed.

A total of thirteen (13) bulk samples were sampled 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

No spray or trowelled fireproofing and thermal insulation were observed in this building.

#### 3.2 Mechanical Insulation

Insulating cement, also referred to as "parging cement", present on pipe elbows, fittings and as tank insulation in the site building was sampled in two locations and contains 30% Chrysotile asbestos (reference samples 02-02-900-S003, 02-02-900-S026 and 02-02-900-S047). For locations and conditions of this material at the time of the building survey refer to location & data excel document.

One (1) sample was sampled of the tar mastic used on pipe elbows from the main office (Room 2000). Analysis of the sample did not identify the presence of asbestos (reference sample 02-02-900-S005).

One (1) sample was sampled of the tar paper used on straight pipe insulation from the main office (Room 2000). Analysis of the sample did not identify the presence of asbestos (reference sample 02-02-900-S006).

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#### 3.3 Acoustic Ceiling Tiles

One (1) sample of the 2'x 2' acoustic ceiling tile distinguished with a pinhole fissure pattern was sampled in location # 001 - Conference Room (reference sample 02-02-900-S002). Analysis of the sample did not identify the presence of asbestos.

#### 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.

Nine (9) samples, in total, of drywall joint compound were sampled in the site building. Analysis of the nine samples did not identify the presence of asbestos (reference samples 02-02-900-S001, S011, S015, S017, S030, S034, S040, S041, and S046).

Plaster was used as a wall and ceiling finish in various locations in the Site Building. Until the early to mid-1980s, plaster may have contained chrysotile asbestos. Plaster is considered a potentially friable material. Most buildings of this type undergo constant renovation, including the removal and replacement of plaster. Moreover, the addition of asbestos to plaster compound was done at the site by the individual plasterer on an as needs basis. Therefore extensive sampling of plaster is necessary to come to a reasonable conclusion regarding the extent of asbestos. Furthermore, any attempt to distinguish and delineate all asbestos-containing plaster from new non-asbestos plaster is often unachievable. Therefore, plaster was sampled at walls which were believed to be original to try to define the presence of asbestos content in the original plaster.

Thirteen (13) samples of plaster were sampled throughout the site building. Multiple phases within each sample are analyzed independently, as a result, a total of twenty-four (24) analyses were performed. Results from one (1) of the twenty-four (24) phases analyzed and identified the presence of 2% chrysotile asbestos (reference sample 02-02-900-S010-B). For locations and conditions of this material at the time of the building survey refer to location & data excel document. Due to the inconsistency, all plaster is to be managed as asbestos containing.

Two (2) samples of friable textured ceiling stucco were sampled from room 3008 and room 4008. Results from one (1) of the two (2) samples analyzed identified the presence of 5% chrysotile asbestos (reference sample 02-02-900-S037).

### 3.5 Vinyl Flooring Materials

## <u>3.5.1</u> Vinyl Floor Tiles

Nine (9) types of vinyl floor tiles were observed in the site building. Results from four (4) of the nine (9) samples indicate the presence of asbestos. A list of the nine (9) visually different vinyl floor tiles is provided below. For locations and conditions of this material at the time of the building survey refer to location & data excel document.

## 3.5.1.1 Asbestos Containing Vinyl Floor Tiles

- One (1) sample of the 12"x12" vinyl floor tile identified as white with abundant brown flecks was sampled from the main office (Room 2000). Analysis of this sample identified the presence of 1% chrysotile asbestos in the mastic (reference sample 02-02-900-S004-B). Analysis of the tile sample did not identify the presence of asbestos in the tile.
- One (1) sample of the 9"x9" vinyl floor tile identified as brown with thick black streaks was sampled from the sacristy (Room 2024) and contains 5% and 3% chrysotile asbestos, respectively (reference samples 02-02-900-S023-A and 02-02-900-S023-B).
- One (1) sample of the 9"x9" vinyl floor tile identified as brown with brown streaks was sampled from the stairwell (Room 2S02) and contains 5% chrysotile asbestos (reference sample 02-02-900-S024).
- One (1) sample of the 12"x12" vinyl floor tile identified as beige with brown streaks was sampled from the filing room (Room 3022) and the mastic contains 2% Chrysotile asbestos (reference sample 02-02-900-S036-B). Analysis of the tile portion of the sample did not identify the presence of asbestos.

## 3.5.1.2 Non-Asbestos Containing Vinyl Sheet Flooring

- One (1) sample of the 12"x12" vinyl floor tile identified as grey with abundant grey and white flecks was sampled from the photocopier storage room (Room 2000C & D). Analysis of the sample did not identify the presence of asbestos (reference samples 02-02-900-S008-A and 02-02-0900-S008-B).
- One (1) sample of the 12"x12" vinyl floor tile identified as light grey with black streaks was sampled from the meeting room (Room 2014). Analysis of the sample did not identify the presence of asbestos (reference samples 02-02-900-S012-A and 02-02-900-S012-B).

- One (1) sample of the 12"x12" vinyl floor tile identified with abundant brown flecks was sampled from the stairwell (Room 2S03). Analysis of the sample did not identify the presence of asbestos 02-02-900-S027-A and 02-02-900-S027-B).
- One (1) sample of the 12"x12" vinyl floor tile identified as green was sampled from the closet (Room 4009) and that the mastic contains 5% chrysotile asbestos (reference sample 02-02-900-S038-B). Analysis of the tile portion of the sample did not identify the presence of asbestos. For locations and conditions of this material at the time of the building survey refer to location & data excel document.
- One (1) sample of the 12"x12" vinyl floor tile identified as blue with grey flecks was sampled from the archive room (Room 1000). Analysis of the sample did not identify the presence of asbestos (reference samples 02-02-900-S045-A and 02-02-900-S045-B).

### <u>3.5.2</u> Vinyl Sheet Flooring

Five (5) types of vinyl sheet flooring were observed in the site building. Results from two (2) of the five (5) samples indicate the presence of asbestos. A summary of the visually different asbestos and non-asbestos containing vinyl sheet flooring is provided it the tables below:

Asbestos Containing Vinyl Sheet Flooring							
St. John's College Building							
Sample NumberLocationDescriptionAsbestos (%)							
02-02-900-S013-В	Room 2001	Light Grey with Grey and White Flecks (mastic only)	4%				
02-02-900-S022-В	Room 2025	Grey Speckled Pattern (mastic only)	3%				
Ear locations and cond	For locations and conditions of these metarials at the time of the building survey refer to location						

### 3.5.2.1 Asbestos Containing Vinyl Sheet Flooring

For locations and conditions of these materials at the time of the building survey refer to location & data excel document.

#### 3.5.2.2 Non-Asbestos Containing Vinyl Sheet Flooring

	Non-Asbestos Containing Vinyl Sheet Flooring						
St. John's College Building							
Sample Number Location Description							
02-02-900-S013-A Room 2001 Light Grey with Grey and White Flecks (vinyl on							
02-02-900-S014-A 02-02-900-S014-B	Room 2008	Beige Speckled Pattern (vinyl and mastic)					
02-02-900-S018-A 02-02-900-S018-B	Room 2604	Blue (vinyl and mastic)					
02-02-900-S022-A	Room 2025	Grey Speckled Pattern (vinyl only)					
02-02-900-S035-A 02-02-900-S035-B	Room 3021	Beige (vinyl and mastic)					
For additional locations of these materials at the time of the building survey refer to location &							

data excel document.

### 3.6 Asbestos Cement Products

One (1) sample of transite sheeting was sampled from an office room 2000A and contains 15% chrysotile asbestos (reference sample 02-02-900-S009). For locations and conditions of this material at the time of the building survey refer to location & data excel document.

### 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

One (1) sample of cementious material on structural steel above the ceiling was sampled from an office (Room 3016) and contains 5% chrysotile asbestos (reference sample 02-02-900-S033). For locations and conditions of this material at the time of the building survey refer to location & data excel document.

One (1) sample of door caulking was sampled from the exterior of the building and contains 3% chrysotile asbestos (reference sample 02-02-900-S019). For locations and conditions of this material at the time of the building survey refer to location & data excel document.

### 4.0 LBP SURVEY FINDINGS

Analytical results indicate that three (3) of the samples collected of painted surfaces would be considered a risk to worker exposure during construction or renovation activities (with lead concentrations exceeding 0.06%). The cream paint as observed in Room 2000 (reference sample 02-02-00900-L003) contains 0.27%, the light blue paint as observed in the Sacristy (reference sample 02-02-00900-L008) contains 0.17% and the dark grey paint in Room 2501 (reference sample 02-02-00900-L010) contains 0.14% and the same paint colours located elsewhere, should be managed as lead-containing.

Results indicate that were detected, all other paint samples containing less than 0.06% lead.

All paints observed inside the Site Building were observed in GOOD condition.

### 5.0 **RECOMMENDATIONS**

Asbestos containing materials 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.

### Friable ACMs

Friable asbestos containing materials identified inside the Site Building include: parging cement, cementious material on structural steel and ceiling stucco.

- Type III (high risk) asbestos abatement procedures should be carried out for the scheduled removal of greater than 1ft<sup>2</sup> of friable asbestos containing materials. Alternatively, Type II (moderate risk) glove bag abatement procedures may be applied where practical.
- 2. Type II (moderate risk) asbestos abatement procedures should be carried out for the scheduled repair or enclosure of friable ACMs or for the removal of less than 1ft<sup>2</sup> of material.

### Potentially Friable Materials

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

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

#### Non-Friable Materials

Non-friable asbestos containing materials identified inside the Site Building include: transite, vinyl floor tiles, vinyl sheet flooring and door caulking.

- 1. Type I (low risk) asbestos abatement procedures should be carried out for the scheduled disturbance of any non-friable materials provided the materials can be removed intact, and without the use of powered hand tools.
- 2. Should the use of powered hand tools or excessive breakage of the materials become necessary, Type II (moderate risk) asbestos abatement procedures should be adopted.

#### 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.

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;

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*NL Vice President* pstaeben@pinchinleblanc.com

**APPENDIX I** 

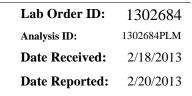
ASBESTOS ANALYTICAL REPORT



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



Customer: Pinchin LeBlanc Environmental 27 Austin St 2nd Flr St Johns, NL A1B 4C3 Attn: Dawn Benteau Paul Staeben



**Project:** 02-02-00900

Sample ID	Description	Asbestos	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Aspestos	Components	Components	Treatment
02-02-900- S001	DWJC	None Detected		100% Other	White Non Fibrous Homogeneous
1302684PLM_1					Crushed
02-02-900- S002	2"x2" Acoustic ceiling tile, hole & fissure	None Detected	40% Cellulose 40% Fiber Glass	20% Other	Gray, White Fibrous Heterogeneous
1302684PLM_2					Crushed
02-02-900- S003	parging cement	30% Chrysotile		70% Other	Gray Fibrous Heterogeneous
1302684PLM_3	1				Teased
02-02-900- S004 - A	12"x12" vinyl floor tiles, white with abundant brown flecks	None Detected		100% Other	White Non Fibrous Heterogeneous
1302684PLM_4	tile tile				Dissolved
02-02-900- S004 - B	12"x12" vinyl floor tiles, white with abundant brown flecks	5% Chrysotile		95% Other	Black Non Fibrous Heterogeneous
1302684PLM_47	mastic				Dissolved
02-02-900- S005	tar mastic on pipe elbow	None Detected	30% Fiber Glass	70% Other	Black Fibrous Heterogeneous
1302684PLM_5	mastic/wrap on fiber glass				Dissolved
02-02-900- S006	tar paper on straight pipe insulation	None Detected	70% Cellulose	30% Other	Black Fibrous Heterogeneous
1302684PLM_6	1				Dissolved
02-02-900- S007 - A	wall plaster	None Detected		100% Other	White Non Fibrous Heterogeneous
1302684PLM_7	finish				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>US</u> government. Estimated MPL is 0.1%.

Dorlos Ammerman (70)

Analyst

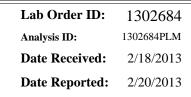
Nathaniel Durham, MS or Approved Signatory



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



Customer: Pinchin LeBlanc Environmental 27 Austin St 2nd Flr St Johns, NL A1B 4C3 Attn: Dawn Benteau Paul Staeben



Project: 02-02-00900

Sample ID Lab Sample ID	Description Lab Notes	Asbestos	Fibrous	Non-Fibrous	Attributes
			Components	Components	Treatment
02-02-900- S007 - В	wall plaster	None Detected		100% Other	Tan Non Fibrous Heterogeneous
1302684PLM_48	base				Crushed
02-02-900- S008 - A	12"x12" vinyl floor tiles, grey with abundant grey & white flec ks	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1302684PLM_8	tile				Dissolved
02-02-900- S008 - B	12"x12" vinyl floor tiles, grey with abundant grey & white flec ks	None Detected	3% Cellulose	97% Other	Black Non Fibrous Heterogeneous
1302684PLM_49	mastic				Dissolved
02-02-900- S009	transite behind heaters	15% Chrysotile		85% Other	White, Gray Fibrous Heterogeneous
1302684PLM_9	-				Crushed
02-02-900- S010 - A	plaster	None Detected		100% Other	White Non Fibrous Heterogeneous
1302684PLM_10	finish				Crushed
02-02-900- S010 - B	plaster	2% Chrysotile		88% Other 10% Perlite	Tan Non Fibrous Heterogeneous
1302684PLM_50	base 1				Crushed
02-02-900- S010 - C	plaster	None Detected		100% Other	Tan Non Fibrous Heterogeneous
1302684PLM_51	base 2				Crushed
02-02-900- S011	Drywall joint compound	None Detected		100% Other	White Non Fibrous Homogeneous
1302684PLM_11	1				Crushed

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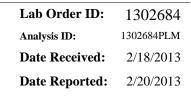
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By Polarized Light Microscopy EPA Method: 600/R-93/116 and 600/M4-82-020



Customer: Pinchin LeBlanc Environmental 27 Austin St 2nd Flr St Johns, NL A1B 4C3 Attn: Dawn Benteau Paul Staeben



Project: 02-02-00900

Sample ID	Description	Asbestos	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Aspestos	Components	Components	Treatment
02-02-900- S012 - A	12"x12" vinyl floor tiles, light grey with black streaks	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1302684PLM_12	tile tile				Dissolved
02-02-900- S012 - B	12"x12" vinyl floor tiles, light grey with black streaks	None Detected	3% Cellulose	97% Other	Black Non Fibrous Heterogeneous
1302684PLM_52	mastic				Dissolved
02-02-900- S013 - A	vinyl sheet flooring, light grey with grey and white flecks	None Detected		100% Other	Gray Non Fibrous Homogeneous
1302684PLM_13	vinyl				Ashed
02-02-900- S013 - B	vinyl sheet flooring, light grey with grey and white flecks	4% Chrysotile		96% Other	Yellow, Black Non Fibrous Heterogeneous
1302684PLM_53	mixed mastics				Dissolved
02-02-900- S014 - A	vinyl sheet flooring, beige speckled pattern	None Detected		100% Other	Beige Non Fibrous Homogeneous
1302684PLM_14	vinyl				Ashed
02-02-900- S014 - B	vinyl sheet flooring, beige speckled pattern	None Detected		100% Other	Yellow Non Fibrous Homogeneous
1302684PLM_54	<i>mastic</i>				Dissolved
02-02-900- S015	Drywall joint compound	None Detected		100% Other	Tan Non Fibrous Homogeneous
1302684PLM_15	-				Crushed
02-02-900- S016 - A	plaster	None Detected		100% Other	White Non Fibrous Heterogeneous
1302684PLM_16	finish				Crushed

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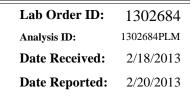
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By Polarized Light Microscopy EPA Method: 600/R-93/116 and 600/M4-82-020



Customer: Pinchin LeBlanc Environmental 27 Austin St 2nd Flr St Johns, NL A1B 4C3 Attn: Dawn Benteau Paul Staeben



Project: 02-02-00900

Sample ID	Description	Asbestos	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	ASUCSIUS	Components	Components	Treatment
02-02-900- S016 - B	plaster	None Detected		100% Other	Tan Non Fibrous Heterogeneous
1302684PLM_55	base				Crushed
02-02-900- S017	Drywall joint compound	None Detected		100% Other	White Non Fibrous Homogeneous
1302684PLM_17					Crushed
02-02-900- S018 - A	vinyl sheet flooring, blue	None Detected		100% Other	Blue Non Fibrous Homogeneous
1302684PLM_18	vinyl				Ashed
02-02-900- S018 - B	vinyl sheet flooring, blue	None Detected		100% Other	Brown Non Fibrous Heterogeneous
1302684PLM_56	mastic	_			Dissolved
02-02-900- S019	caulking on doors	3% Chrysotile		97% Other	Gray Non Fibrous Heterogeneous
1302684PLM_19	1				Crushed
02-02-900- S020	plaster	None Detected		100% Other	White Non Fibrous Homogeneous
1302684PLM_20	single layer plaster	_			Crushed
02-02-900- S021	unfinished plaster	None Detected		100% Other	Tan Non Fibrous Heterogeneous
1302684PLM_21	single layer plaster				Crushed
02-02-900- S022 - A	vinyl sheet flooring, grey speckled patten	None Detected		100% Other	Gray Non Fibrous Homogeneous
1302684PLM 22	- vinyl				Ashed

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>US</u> government. Estimated MPL is 0.1%.

Dorlos Ammerman (70)

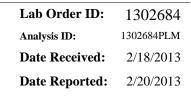
Nathaniel Durham, MS or Approved Signatory



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



Customer: Pinchin LeBlanc Environmental 27 Austin St 2nd Flr St Johns, NL A1B 4C3 Attn: Dawn Benteau Paul Staeben



Project: 02-02-00900

Sample ID	Description           Lab Notes	Asbestos	Fibrous	Non-Fibrous	Attributes
Lab Sample ID			Components	Components	Treatment
02-02-900- S022 - B	vinyl sheet flooring, grey speckled patten	3% Chrysotile		97% Quartz	Yellow, Black Non Fibrous Heterogeneous
1302684PLM_57	mixed mastics				Dissolved
02-02-900- S023 - A	9"x9" vinyl floor tiles, brown with thick black streaks	5% Chrysotile		95% Other	Brown Non Fibrous Heterogeneous
1302684PLM_23	tile tile				Dissolved
02-02-900- S023 - B	9"x9" vinyl floor tiles, brown with thick black streaks	3% Chrysotile		97% Other	Black Non Fibrous Heterogeneous
1302684PLM_58	mastic				Dissolved
02-02-900- S024	9"x9" vinyl floor tiles, brown with brown streaks	5% Chrysotile		95% Other	Brown Non Fibrous Heterogeneous
1202604DIM 24	tile only-insufficient mastic				Dissolved
1302684PLM_24					White
02-02-900- S025 - A	plaster	None Detected		100% Other	Non Fibrous Heterogeneous
1302684PLM_25	finish				Crushed
02-02-900- S025 - B	plaster	None Detected		100% Other	Tan Non Fibrous Heterogeneous
1302684PLM_59	base				Crushed
02-02-900- S026	parging on ducts	30% Chrysotile	20% Cellulose	50% Other	Gray Fibrous Heterogeneous
1302684PLM_26	unable to separate wrap				Teased
02-02-900- S027 - A	12"x12" vinyl floor tiles, being with abundant brown flecks	None Detected		100% Other	Beige Non Fibrous Heterogeneous
1302684PLM_27	– tile				Dissolved

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Dorlos Ammerman (70)

Analyst

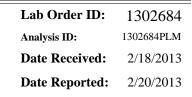
Nathaniel Durham, MS or Approved Signatory



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



Customer: Pinchin LeBlanc Environmental 27 Austin St 2nd Flr St Johns, NL A1B 4C3 Attn: Dawn Benteau Paul Staeben



Project: 02-02-00900

Sample ID	Description	Asbestos	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	ASUCSIUS	Components	Components	Treatment
02-02-900- S027 - B	12"x12" vinyl floor tiles, being with abundant brown flecks mastic small sample	None Detected	3% Cellulose	97% Other	Black Non Fibrous Heterogeneous
1302684PLM_60	mastic small sample				Dissolved
02-02-900- S028 - A	plaster	None Detected		100% Other	White Non Fibrous Heterogeneous
1302684PLM_28	- finish				Crushed
02-02-900- S028 - B	plaster	None Detected		100% Other	Tan Non Fibrous Heterogeneous
1302684PLM_61	base				Crushed
02-02-900- S029 - A	plaster	None Detected		100% Other	White Non Fibrous Heterogeneous
1302684PLM_29	finish				Crushed
02-02-900- S029 - B	plaster	None Detected		100% Other	Tan Non Fibrous Heterogeneous
1302684PLM_62	base				Crushed
02-02-900- \$030	Drywall joint compound	None Detected		100% Other	Tan Non Fibrous Heterogeneous
1302684PLM_30					Crushed
02-02-900- S031 - A	plaster	None Detected		100% Other	White Non Fibrous Heterogeneous
1302684PLM_31	finish				Crushed
02-02-900- S031 - B	plaster	None Detected		100% Other	Tan Non Fibrous Heterogeneous
1302684PLM_63	base				Crushed

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Dorlos Ammerman (70)

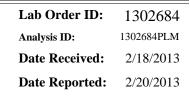
Nathaniel Durham, MS or Approved Signatory



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



Customer: Pinchin LeBlanc Environmental 27 Austin St 2nd Flr St Johns, NL A1B 4C3 Attn: Dawn Benteau Paul Staeben



Project: 02-02-00900

Sample ID	Description	Asbestos	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	ASUCSIUS	Components	Components	Treatment
02-02-900- S032	ceiling stucco	None Detected		100% Other	White Non Fibrous Heterogeneous
1302684PLM_32	-				Crushed
02-02-900- S033	Cementious material on structural steel above ceiling	5% Chrysotile		85% Other 10% Perlite	Tan Non Fibrous Heterogeneous
1302684PLM_33	-				Crushed
02-02-900- S034	Drywall joint compound	None Detected		100% Other	Tan Non Fibrous Homogeneous
1302684PLM_34	-				Crushed
02-02-900- S035 - A	Vinyl sheet flooring, beige	None Detected		100% Other	Beige Non Fibrous Homogeneous
1302684PLM_35	vinyl				Ashed
02-02-900- S035 - B	Vinyl sheet flooring, beige	None Detected		100% Other	Yellow Non Fibrous Heterogeneous
1302684PLM_64	<i>mastic</i>				Dissolved
02-02-900- S036 - A	12"x12" vinyl floor tiles, beige with brown streaks	None Detected		100% Other	Beige Non Fibrous Heterogeneous
1302684PLM_36	tile tile				Dissolved
02-02-900- S036 - B	12"x12" vinyl floor tiles, beige with brown streaks	2% Chrysotile		98% Other	Yellow, Black Non Fibrous Heterogeneous
1302684PLM_65	mixed mastics				Dissolved
02-02-900- S037	ceiling stucco	5% Chrysotile		85% Other 10% Other	White, Tan Non Fibrous Heterogeneous
1302684PLM_37	-				Crushed

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Dorlos Ammerman (70)

Analyst

Nathaniel Durham, MS or Approved Signatory



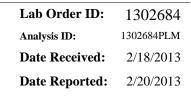
Project: 02-02-00900

# **Bulk Asbestos Analysis**

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



Customer: Pinchin LeBlanc Environmental 27 Austin St 2nd Flr St Johns, NL A1B 4C3 Attn: Dawn Benteau Paul Staeben



Sample ID	Description           Lab Notes	Asbestos	Fibrous	Non-Fibrous	Attributes
Lab Sample ID		ASUCSIUS	Components	Components	Treatment
02-02-900- S038 - A	12"x12" vinyl floor tiles, green	None Detected		100% Other	Green Non Fibrous Heterogeneous
1302684PLM_38	tile tile				Dissolved
02-02-900- S038 - B	12"x12" vinyl floor tiles, green	5% Chrysotile		95% Other	Black Non Fibrous Heterogeneous
1302684PLM_66	mastic				Dissolved
02-02-900- S039 - A	plaster	None Detected		100% Other	White Non Fibrous Heterogeneous
1302684PLM_39	- finish				Crushed
02-02-900- S039 - B	plaster	None Detected		100% Other	Tan Non Fibrous Heterogeneous
1302684PLM_67	base				Crushed
02-02-900- S040	Drywall joint compound	None Detected		100% Other	Tan Non Fibrous Homogeneous
1302684PLM_40	-				Crushed
02-02-900- S041	Drywall joint compound	None Detected		100% Other	Tan Non Fibrous Homogeneous
1302684PLM_41	-				Crushed
02-02-900- S042 - A	plaster	None Detected		100% Other	White Non Fibrous Heterogeneous
1302684PLM_42	finish				Crushed
02-02-900- S042 - B	plaster	None Detected		100% Other	Tan Non Fibrous Heterogeneous
1302684PLM_68	base				Crushed

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Dorlos Ammerman (70)

Analyst

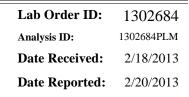
Nathaniel Durham, MS or Approved Signatory



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



Customer: Pinchin LeBlanc Environmental 27 Austin St 2nd Flr St Johns, NL A1B 4C3 Attn: Dawn Benteau Paul Staeben



Project: 02-02-00900

Sample ID	Description	Description         Asbestos           Lab Notes         Asbestos	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes		Components	Components	Treatment
02-02-900- S043 - A	plaster	None Detected		100% Other	White Non Fibrous Heterogeneous
1302684PLM_43	finish				Crushed
02-02-900- S043 - B	plaster	None Detected		100% Other	Tan Non Fibrous Heterogeneous
1302684PLM_69	base				Crushed
02-02-900- S044	plaster	None Detected		100% Other	Tan Non Fibrous Homogeneous
1302684PLM_44	single layer plaster				Crushed
02-02-900- S045 - A	12"x12" vinyl floor tiles, blue with grey flecks	None Detected		100% Other	Blue Non Fibrous Heterogeneous
1302684PLM_45	tile				Dissolved
02-02-900- S045 - B	12"x12" vinyl floor tiles, blue with grey flecks	None Detected	3% Cellulose	97% Other	Black Non Fibrous Heterogeneous
1302684PLM_70	mastic				Dissolved
02-02-900- S046	Drywall joint compound	None Detected		100% Other	Tan Non Fibrous Homogeneous
1302684PLM_46					Crushed

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Dorlos Ammerman (70)

Analyst

Nathaniel Durham, MS or Approved Signatory



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



Customer:	Pinchin LeBlanc Environmental	Attn: Dawn Benteau	Lab Order ID:	1308170
	27 Austin St 2nd Flr	Paul Staeben	Analysis ID:	1308170_PLM
	St Johns NL A1B 4C3		Date Received:	5/2/2013
Project: 0	2-02-00900 St John's College		Date Reported:	5/7/2013

Sample ID	Description	Asbestos	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes		Components	Components	Treatment
02-02-900- S047	Tank Insulation	30% Chrysotile		70% Other	Gray Fibrous Heterogeneous
1308170PLM_1					Teased

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Ired Gulley (1)

Analyst

**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



Customer:	Pinchin LeBlanc Environmental	Attn:	Dawn Benteau	Lab Order ID	1302641
	27 Austin St 2nd Flr St Johns NL A1B 4C3		Paul Staeben	Analysis ID: Date Received	1302641_PBP 2/18/2013
Project: 02	-02-00900 MUN Ashestos and Lead			Date Reported	: 2/20/2013

**Project:** 02-02-00900 MUN Asbestos and Lead

Survey

Sample ID	Description	Mass	Analytical Sensitivity	Concentration
Lab Sample ID	Lab Notes	(g)	(% by weight)	(% by weight)
02-02-00900-L001	White	0.0673	0.002%	< 0.006%
1302641PBP_1				
02-02-00900-L002	Red	0.0696	0.002%	< 0.006%
1302641PBP_2				
02-02-00900-L003	Cream	0.0840	0.002%	0.27%
1302641PBP_3				
02-02-00900-L004	Grey	0.0488	0.003%	< 0.008%
1302641PBP_4				
02-02-00900-L005	Blue	0.0476	0.003%	0.049%
1302641PBP_5				
02-02-00900-L006	Yellow	0.0570	0.002%	< 0.007%
1302641PBP_6				
02-02-00900-L007	Brown	0.0524	0.003%	< 0.008%
1302641PBP_7				
02-02-00900-L008	Light blue	0.0737	0.002%	0.17%
1302641PBP_8				
02-02-00900-L009	Light grey	0.0717	0.002%	0.050%
1302641PBP_9				
02-02-00900-L010	Dark grey	0.0624	0.002%	0.14%
1302641PBP_10				

The quality control samples run with the samples in this report have passed all AIHA required specifications unless otherwise noted. 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 AIHA or any other agency of the U.S. government.

Robert Duke (13)

Analyst

Laboratory Director



# Analysis for Lead Concentration in Paint Chips

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



Customer:	Pinchin LeBlanc Environmental	Attn:	Dawn Benteau	Lab Order ID:	1302641
	27 Austin St 2nd Flr St Johns NL A1B 4C3		Paul Staeben	Analysis ID: Date Received:	1302641_PBP 2/18/2013
Project: 02	2-02-00900 MUN Asbestos and Lead			Date Reported:	2/20/2013

Project: 02-02-00900 MUN Asbestos and Lead Survey

Sample ID	Description	Mass	Analytical Sensitivity	Concentration
Lab Sample ID	Lab Notes	(g)	(% by weight)	(% by weight)
02-02-00900-L011	Forest green	0.0406	0.003%	0.035%
1302641PBP_11				
02-02-00900-L012	Light pink	0.0674	0.002%	< 0.006%
1302641PBP_12				
02-02-00900-L013	Pale yellow	0.0619	0.002%	< 0.006%
1302641PBP_13				

The quality control samples run with the samples in this report have passed all AIHA required specifications unless otherwise noted. 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 AIHA or any other agency of the U.S. government.

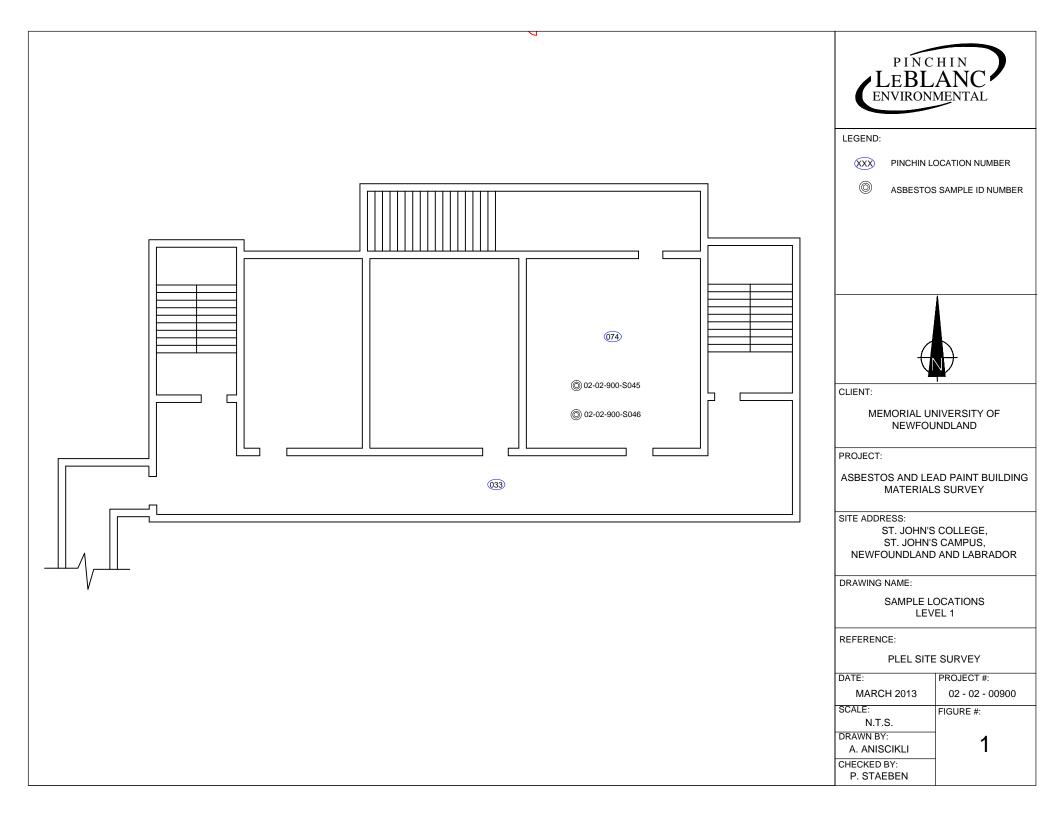
Robert Duke (13)

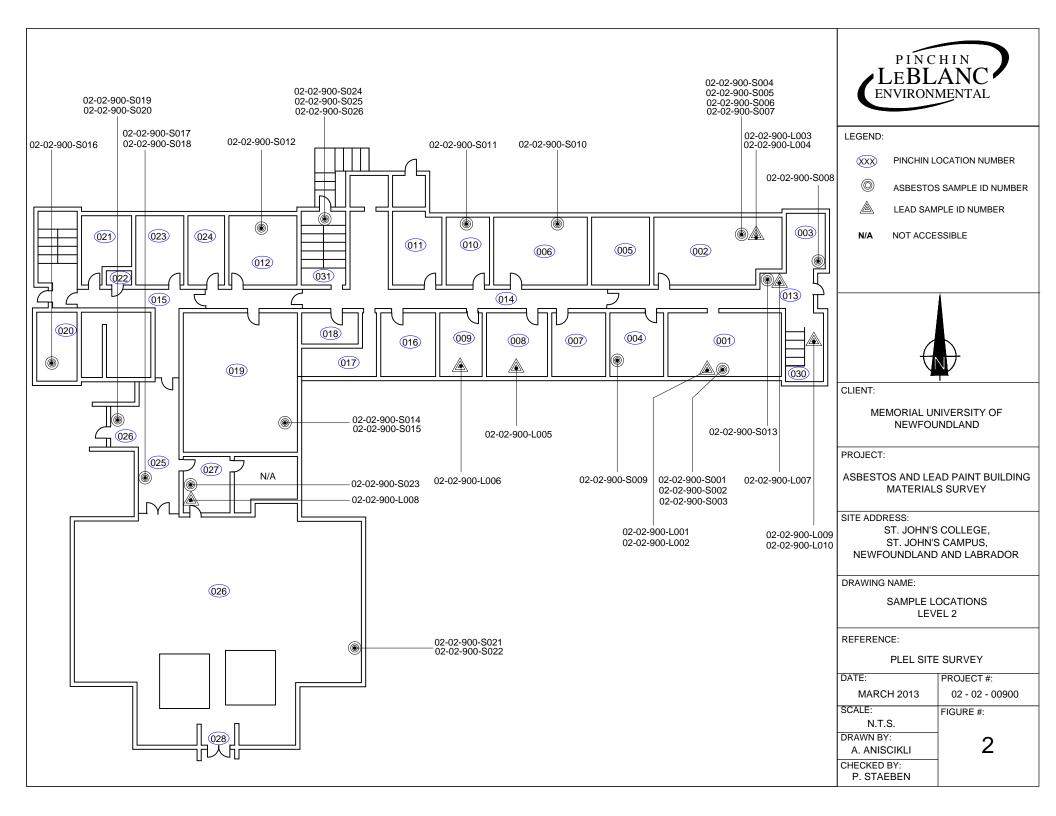
Analyst

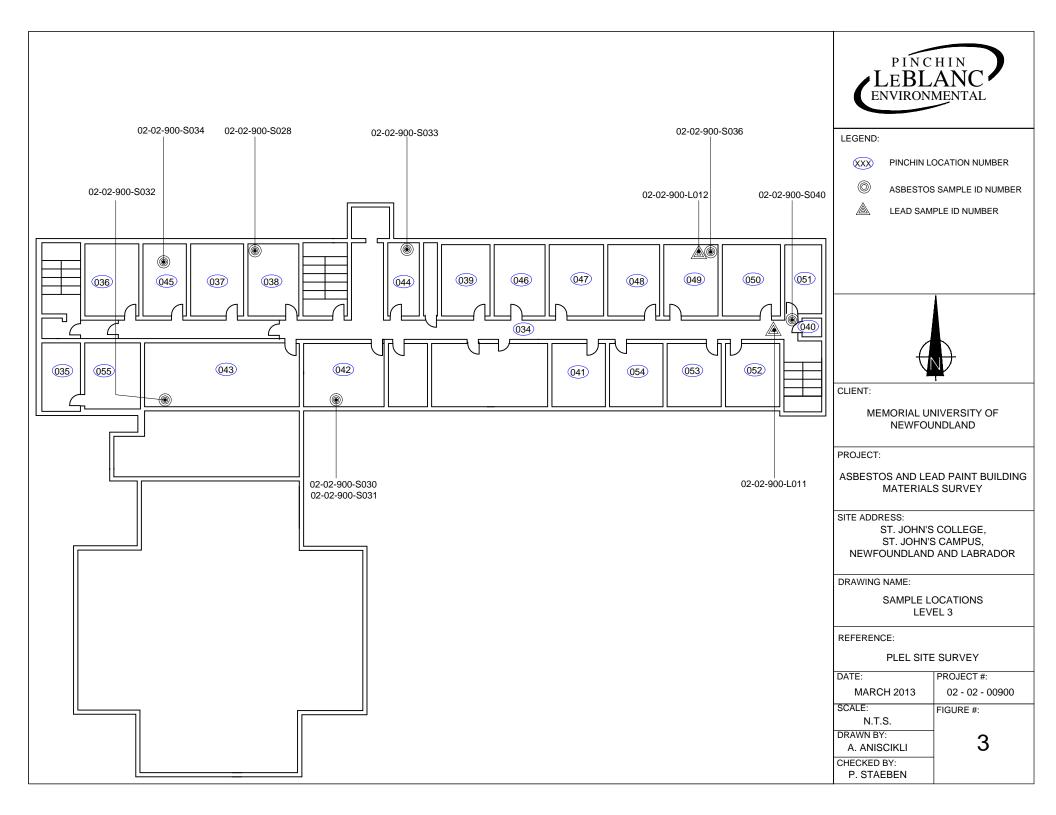
Laboratory Director

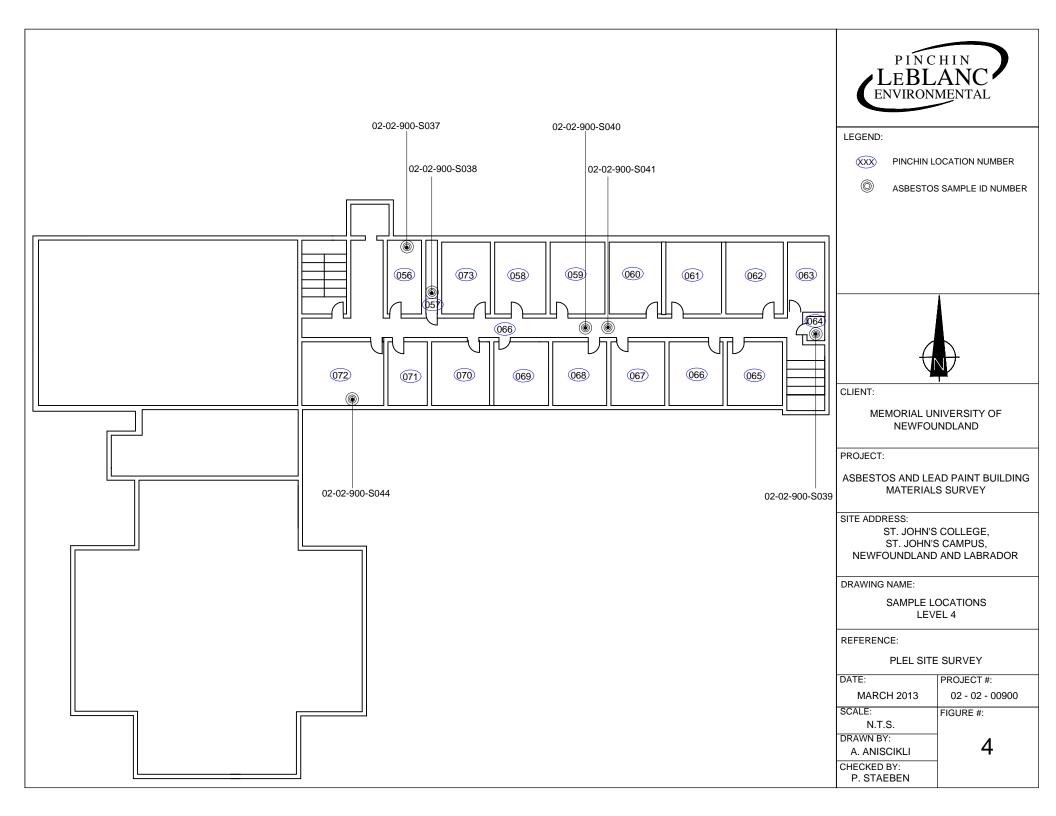
**APPENDIX III** 

SITE DRAWINGS









APPENDIX IV

PHOTO SAMPLE LOG



UNIVERSIT	Y				
Sample #: S001		Date Sampled:	February 12, 20	13	
<b>Building</b> :	St. John's College		Sampler:	Trent Hardy	
Location:	001, room 2000B		Analysis:	SAI - PLM	
MUN Project #:	02-02-900		Work Order #:		
		Bulk	Sampling Parameters		
Pipe/Tank	pe/Tank Flooring		Ceiling	Roofing	Location
□ Insulation	□12'x12' Tile			□ Shingle	□ Floor
□ Elbow	$\Box$ 9'x9'Tile $\Box$ St		tucco	□ Rolled	□ Wall Orientation
□ Fitting	$\Box$ Vinyl Sheet $\Box$ Po		opcorn	□ Felt	X Ceiling
□ Transite Pipe	□ Mastic X D'		WJC	🗆 Tar	□ Above Ceiling
□ Gasket	Wall	$\Box P$	laster		□ Other
□ Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)		
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)		
		$\Box$ N	Iastic	Miscellaneous:	
$\Box$ Insulation $\Box$ DWJC			Structural		
□ Tape		$\Box$ S	teel F. P. ing	No. of Phases:	
□ Paper Wrap		$\Box$ D	Deck F. P. ing	Colour:	



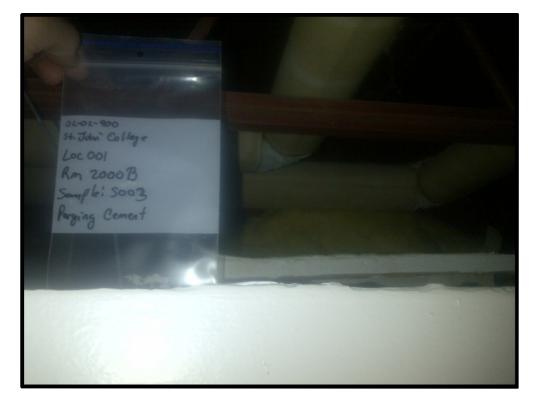


UNIVERSITY							
Sample #:	S002		Date Sampled:	July16, 2012			
<b>Building</b> :	St. John's College		Sampler:	Trent Hardy			
Location:	001, room 2000B		Analysis:	SAI - PLM			
MUN Project #:	02-02-900		Work Order #:				
Bulk Sampling Parameters							
Pipe/Tank	Flooring		Ceiling	Roofing	Location		
□ Insulation	$\Box$ 12'x12' Tile	ΠT	extured	□ Shingle	□ Floor		
□ Elbow	□ 9'x9'Tile	$\Box$ S	tucco	□ Rolled	□Wall Orientation		
□ Fitting	□ Vinyl Sheet	$\Box P$	opcorn	🗆 Felt	X Ceiling		
□ Transite Pipe	□ Mastic	DD	WJC	🗆 Tar	□ Above Ceiling		
□ Gasket	Wall	$\Box P$	laster		□ Other		
□ Tank Insulation	□ Transite Panel	ΧА	coustic Tile (Dropped)				
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)				
HVAC	□ Plaster	$\Box N$	Iastic	Miscellaneous: <u>fissure</u>	2' x 2' pinhole		
□ Insulation	DWJC		Structural				
□ Tape		$\Box$ S	teel F. P. ing	No. of Phases:			
□ Paper Wrap		$\Box$ D	beck F. P. ing	Colour:			





UNIVERSITY							
Sample #: S003			Date Sampled:	February 12, 20	013		
<b>Building</b> :	St. John's College		Sampler:	Trent Hardy			
Location:	001, room 2000B		Analysis:	SAI - PLM			
MUN Project #:	02-02-900		Work Order #:				
Bulk Sampling Parameters							
Pipe/Tank	Flooring		Ceiling	Roofing	Location		
□ Insulation	□12'x12' Tile			□ Shingle	□ Floor		
X Elbow	□ 9'x9'Tile	□ Stucco		□ Rolled	□ Wall Orientation		
□ Fitting	□ Vinyl Sheet	□ Popcorn		🗆 Felt	□ Ceiling		
□ Transite Pipe	□ Mastic	ΠD	OWJC	🗆 Tar	X Above Ceiling		
□ Gasket	Wall	$\Box P$	laster		□ Other		
$\Box$ Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)				
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)				
HVAC 🗆 Plaster		□ Mastic		Miscellaneous: Parging cement			
□ Insulation	□ DWJC		Structural				
□ Tape		$\Box$ S	teel F. P. ing	No. of Phases:			
□ Paper Wrap		$\Box$ D	Deck F. P. ing	Colour:			





UNIVERSITY							
Sample #: S004		Date Sampled:	February 12, 20	13			
<b>Building</b> :	St. John's College		Sampler:	Trent Hardy			
Location:	002, room 2000		Analysis:	SAI - PLM			
MUN Project #:	02-02-900		Work Order #:				
		Bulk	Sampling Parameters				
Pipe/Tank	Flooring		Ceiling	Roofing	Location		
□ Insulation	X12'x12' Tile	ΠT	extured	□ Shingle	X Floor		
□ Elbow	□ 9'x9'Tile	9'x9'Tile □ Stucco		□ Rolled	U Wall Orientation		
□ Fitting	$\Box$ Vinyl Sheet $\Box$ Po		opcorn	🗆 Felt	□ Ceiling		
□ Transite Pipe	$\Box$ Mastic $\Box$ D		OWJC	🗆 Tar	□ Above Ceiling		
□ Gasket	Wall	$\Box P$	laster		□ Other		
□ Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)				
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)				
HVAC	□ Plaster	$\Box N$	Iastic	Miscellaneous: abundant brow			
□ Insulation	□ DWJC		Structural				
□ Tape		$\Box$ S	teel F. P. ing	No. of Phases:			
□ Paper Wrap		DD	Deck F. P. ing	Colour:			





UNIVERSITY								
Sample #: \$005		Date Sampled:	February 12, 20	013				
<b>Building</b> :	St. John's College		Sampler:	Trent Hardy				
Location:	002, room 2000		Analysis:	SAI - PLM				
MUN Project #:	02-02-900		Work Order #:					
	Bulk Sampling Parameters							
Pipe/Tank	Pipe/Tank Flooring		Ceiling	Roofing	Location			
□ Insulation	□12'x12' Tile	□ T	extured	□ Shingle	□ Floor			
X Elbow	$\Box$ 9'x9'Tile $\Box$ St		tucco	□ Rolled	□ Wall Orientation			
□ Fitting	$\Box$ Vinyl Sheet $\Box$ Po		opcorn	🗆 Felt	□ Ceiling			
□ Transite Pipe	-		OWJC	🗆 Tar	X Above Ceiling			
□ Gasket	Wall	$\Box P$	laster		□ Other			
□ Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)					
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)					
HVAC	□ Plaster	$\Box N$	Iastic	Miscellaneous: Tar mastic				
$\Box$ Insulation $\Box$ DWJC			Structural					
□ Tape		$\Box$ S	teel F. P. ing	No. of Phases:				
□ Paper Wrap		$\Box$ D	Deck F. P. ing	Colour:				





UNIVERSIT	Y							
Sample #:	S006	Date Sampled:	February 12, 20	)13				
<b>Building</b> :	St. John's College	Sampler:	Trent Hardy					
Location:	002, room 2000	Analysis:	SAI - PLM					
MUN Project #:	02-02-900	Work Order #:						
Bulk Sampling Parameters								
Pipe/Tank	Flooring	Ceiling	Roofing	Location				
X 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	X Above Ceiling				
□ Gasket	Wall	□ Plaster		□ Other				
□ Tank Insulation	□ Transite Panel	$\Box$ Acoustic Tile (Dropped)						
□ Pipe Wrap	□ Textured Wall	$\Box$ Acoustic Tile (Glued-on)						
HVAC	□ Plaster	□ Mastic	Miscellaneous	: <u>Tar paper</u>				
$\Box$ Insulation	□ DWJC	Structural						
□ Tape		□ Steel F. P. ing	No. of Phases:					
□ Paper Wrap		Deck F. P. ing	Colour:					





UNIVERSII	Y							
Sample #:	S007		Date Sampled:	February 12, 20	13			
<b>Building</b> :	St. John's College		Sampler:	Trent Hardy				
Location:	002, 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	□ T	extured	□ Shingle	□ Floor			
□ Elbow	□ 9'x9'Tile	□ Stucco		□ Rolled	X Wall Orientation			
□ Fitting	□ Vinyl Sheet	$\Box P$	opcorn	□ Felt	□ Ceiling			
□ Transite Pipe	□ Mastic	$\Box$ D	WJC	🗆 Tar	□ Above Ceiling			
□ Gasket	Wall	$\Box P$	laster		□ Other			
□ Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)					
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)					
HVAC	X Plaster	$\Box N$	lastic	Miscellaneous:				
□ Insulation	□ DWJC		Structural					
□ Tape		$\Box S$	teel F. P. ing	No. of Phases:				
□ Paper Wrap		$\Box$ D	eck F. P. ing	Colour:	· · · · · · · · · · · · · · · · · · ·			

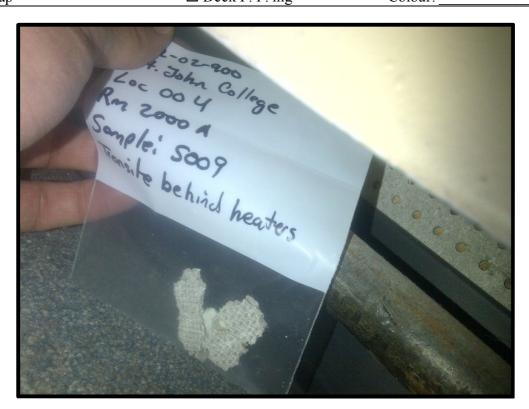


MEMORIA UNIVERSIT		ASB	ESTOS BULK SA	MPLING FO	ORM		
Sample #:	S008		Date Sampled:	February 12, 20	13		
<b>Building</b> :	St. John's College		Sampler:	Trent Hardy			
Location:	003, room		Analysis:	SAI - PLM			
	2000C/2000D						
MUN Project #:	02-02-900		Work Order #:				
Bulk Sampling Parameters							
Pipe/Tank	Flooring	Ceiling		Roofing	Location		
□ Insulation	X12'x12' Tile	ΠT	extured	□ Shingle	X Floor		
□ Elbow	□ 9'x9'Tile	$\Box$ S	tucco	□ Rolled	□ Wall Orientation		
□ Fitting	□ Vinyl Sheet	$\Box P$	opcorn	🗆 Felt	□ Ceiling		
□ Transite Pipe	□ Mastic	ΠD	WJC	🗆 Tar	□ Above Ceiling		
□ Gasket	Wall	$\Box P$	laster		□ Other		
□ Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)				
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)				
HVAC	□ Plaster	$\Box N$	Iastic	Miscellaneous: <u>flecks</u>	Grey with grey		
□ Insulation	DWJC		Structural				
□ Tape		$\Box$ S	teel F. P. ing	No. of Phases:			
Paper Wrap		$\Box D$	eck F. P. ing	Colour:			



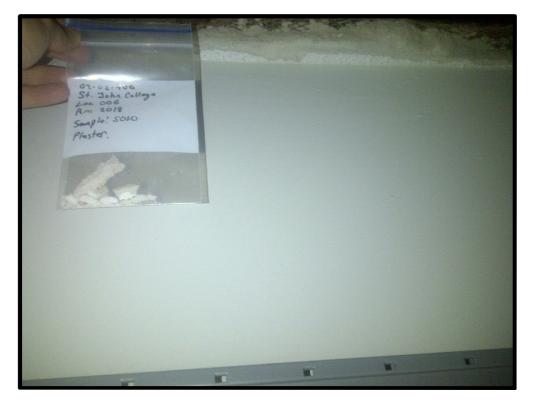


UNIVERSIT	Y							
Sample #:	S009		Date Sampled:	February 12, 20	13			
<b>Building</b> :	St. John's College		Sampler:	Trent Hardy				
Location:	004, room 2000A		Analysis:	SAI - PLM				
MUN Project #:	02-02-900		Work Order #:					
Bulk Sampling Parameters								
Pipe/Tank	Flooring		Ceiling	Roofing	Location			
□ Insulation	□12'x12' Tile	□ T	extured	□ Shingle	□ Floor			
□ Elbow	□ 9'x9'Tile	$\Box$ S	tucco	□ Rolled	X Wall Orientation			
□ Fitting	□Vinyl Sheet	$\Box P$	opcorn	□ Felt	□ Ceiling			
□ Transite Pipe	□ Mastic	□ DWJC		🗖 Tar	□ Above Ceiling			
□ Gasket	Wall	□ P	laster		X Other (behind heaters)			
□ Tank Insulation	X Transite Panel	$\Box A$	coustic Tile (Dropped)					
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)					
HVAC	□ Plaster	$\Box N$	lastic	Miscellaneous:				
□ Insulation	□ DWJC		Structural					
□ Tape		$\Box$ S	teel F. P. ing	No. of Phases:				
□ Paper Wrap		$\Box$ D	eck F. P. ing	Colour:				



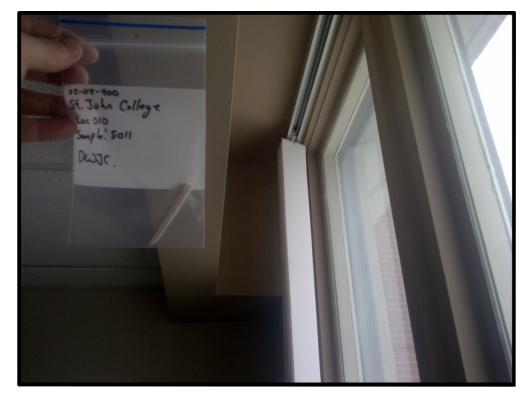


UNIVERSII	Y							
Sample #:	S010	Date Sample	d:	February 12, 20	13			
<b>Building</b> :	St. John's College	Sampler:		Trent Hardy				
Location:	006, room 2018	Analysis:		SAI - PLM				
MUN Project #:	02-02-900	Work Order	#:					
Bulk Sampling Parameters								
Pipe/Tank	Flooring	Ceiling		Roofing	Location			
□ 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	X Plaster			□ Other			
□ Tank Insulation	□ Transite Panel	□ Acoustic Tile (D	ropped)					
□ Pipe Wrap	□ Textured Wall	□ Acoustic Tile (G	lued-on)					
HVAC	□ Plaster	□ Mastic		Miscellaneous:				
$\Box$ Insulation	□ DWJC	Structura	ıl					
□ Tape		□ Steel F. P. ing		No. of Phases:				
□ Paper Wrap		Deck F. P. ing		Colour:				





UNIVERSIT	Y								
Sample #:	S011		Date Sampled:	February 12, 20	13				
<b>Building</b> :	St. John's College		Sampler:	Trent Hardy					
Location:	010, room 2017		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	$\Box P$	opcorn	□ Felt	□ Ceiling				
□ Transite Pipe	□ Mastic	$\Box$ D	OWJC	🗆 Tar	□ Above Ceiling				
□ Gasket	Wall	$\Box P$	laster		□ Other				
□ Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)						
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)						
HVAC	□ Plaster	$\Box N$	Iastic	Miscellaneous:					
□ Insulation	X DWJC		Structural						
□ Tape		$\Box$ S	teel F. P. ing	No. of Phases:					
□ Paper Wrap		ΠD	eck F. P. ing	Colour:					





UNIVERSII	Y							
Sample #:	S012		Date Sampled:	February 12, 20	13			
<b>Building</b> :	St. John's College		Sampler:	Trent Hardy				
Location:	012, room 2014		Analysis:	SAI - PLM				
MUN Project #:	02-02-900		Work Order #:					
Bulk Sampling Parameters								
Pipe/Tank	Flooring		Ceiling	Roofing	Location			
□ Insulation	X12'x12' Tile	$\Box$ T	extured	□ Shingle	X Floor			
□ Elbow	□ 9'x9'Tile	□ Stucco		□ Rolled	□ Wall Orientation			
□ Fitting	□ Vinyl Sheet	Popcorn		□ Felt	□ Ceiling			
□ Transite Pipe	□ Mastic	□ DŴJC		🗆 Tar	□ Above Ceiling			
□ Gasket	Wall	$\Box$ Pl	aster		□ Other			
□ Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)					
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)					
HVAC	□ Plaster	$\Box$ M	lastic	Miscellaneous:				
□ Insulation	□ DWJC		Structural					
□ Tape		□ St	teel F. P. ing	No. of Phases:				
□ Paper Wrap		$\Box$ D	eck F. P. ing	Colour: Grey w	vith black streaks			

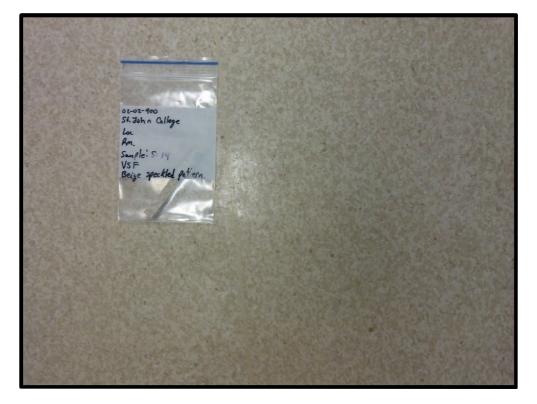


ME	MC	) R	IA	L

UNIVERSIT	Y							
Sample #:	S013		Date Sampled:	February 12, 20	13			
Building :	St. John's College		Sampler:	Trent Hardy				
Location:	013, hallway 2C01		Analysis:	SAI - PLM				
MUN Project #:	02-02-900		Work Order #:					
Bulk Sampling Parameters								
Pipe/Tank	Flooring		Ceiling	Roofing	Location			
□ Insulation	X12'x12' Tile	T 🗆	extured	□ Shingle	X Floor			
□ Elbow	□ 9'x9'Tile	□ St	ucco	□ Rolled	U Wall Orientation			
□ Fitting	□ Vinyl Sheet	□ Popcorn		🗆 Felt	□ Ceiling			
Transite Pipe	□ Mastic	□ DŴJC		🗖 Tar	□ Above Ceiling			
□ Gasket	Wall	🗆 Pl	aster		□ Other			
□ Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)					
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)					
HVAC	□ Plaster	$\Box$ M	astic	Miscellaneous:				
□ Insulation	□ DWJC		Structural					
□ Tape		□ St	eel F. P. ing	No. of Phases:				
□ Paper Wrap		D	eck F. P. ing	Colour: Light g white flecks	rey with grey and			

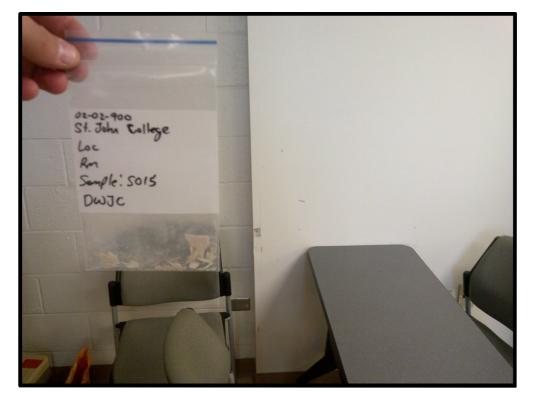


UNIVERSIT	Y							
Sample #:	S014		Date Sampled:	February 12, 20	13			
<b>Building</b> :	St. John's College		Sampler:	Trent Hardy				
Location:	019, room 2008		Analysis:	SAI - PLM				
MUN Project #:	02-02-900		Work Order #:					
Bulk Sampling Parameters								
Pipe/Tank	Flooring		Ceiling	Roofing	Location			
□ Insulation	□12'x12' Tile	□ Textured		□ Shingle	X Floor			
□ Elbow	□ 9'x9'Tile	□ Stucco		$\Box$ Rolled	□ Wall Orientation			
□ Fitting	X Vinyl Sheet	$\Box P$	opcorn	□ Felt	□ Ceiling			
□ Transite Pipe	□ Mastic	DD	WJC	🗆 Tar	□ Above Ceiling			
□ Gasket	Wall	$\Box P$	laster		□ Other			
□ Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)					
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)					
HVAC	□ Plaster	$\Box N$	lastic	Miscellaneous:				
□ Insulation	DWJC		Structural					
□ Tape		$\Box$ S	teel F. P. ing	No. of Phases:				
□ Paper Wrap		$\Box$ D	eck F. P. ing	Colour: Beige s	speckled pattern			





UNIVERSIT								
Sample #:	S015		Date Sampled:	February 12, 20	13			
Building :	St. John's College		Sampler:	Trent Hardy				
Location:	019, room 2008		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	$\Box P$	opcorn	🗆 Felt	□ Ceiling			
□ Transite Pipe	□ Mastic	$\Box$ D	OWJC	🗖 Tar	□ Above Ceiling			
□ Gasket	Wall	$\Box P$	laster		□ Other			
□ Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)					
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)					
HVAC	□ Plaster	$\Box N$	Iastic	Miscellaneous:				
□ Insulation	X DWJC		Structural					
□ Tape		$\Box$ S	teel F. P. ing	No. of Phases:				
□ Paper Wrap		$\Box$ D	Deck F. P. ing	Colour:				





UNIVERSIT	Y							
Sample #:	S016		Date Sampled:	February 12, 20	13			
<b>Building</b> :	St. John's College		Sampler:	Trent Hardy				
Location:	020, room 2009		Analysis:	SAI - PLM				
MUN Project #:	02-02-900		Work Order #:					
Bulk Sampling Parameters								
Pipe/Tank	Flooring		Ceiling	Roofing	Location			
□ Insulation	□12'x12' Tile	□ T	extured	□ Shingle	□ Floor			
□ Elbow	□ 9'x9'Tile	□ Stucco		□ Rolled	U Wall Orientation			
□ Fitting	□ Vinyl Sheet	$\Box P$	opcorn	□ Felt	X Ceiling			
□ Transite Pipe	□ Mastic	DD	OWJC	🗖 Tar	□ Above Ceiling			
□ Gasket	Wall	X Pl	laster		□ Other			
□ Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)					
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)					
HVAC	□ Plaster	$\Box N$	Iastic	Miscellaneous:				
□ Insulation	DWJC		Structural					
□ Tape		$\Box$ S	teel F. P. ing	No. of Phases:				
□ Paper Wrap		$\Box$ D	Deck F. P. ing	Colour:				



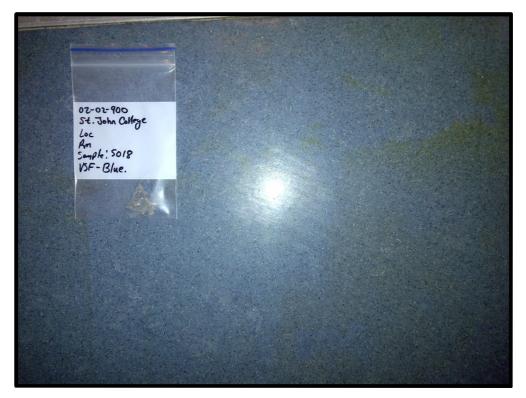


Sample #:	S017	Date Sampled:	February 12, 20	13
Building :	St. John's College	Sampler:	Trent Hardy	
Location:	Hallway 2C04	Analysis:	SAI - PLM	
MUN Project #:	02-02-900	Work Order #:		
		<b>Bulk Sampling Parameters</b>	S	
Pipe/Tank	Flooring	Ceiling	Roofing	Location
□ Insulation	□12'x12' Tile	□ Textured	□ Shingle	□ Floor
□ Elbow	□ 9'x9'Tile	□ Stucco	$\Box$ Rolled	X Wall Orientation
□ Fitting	□ Vinyl Sheet	□ Popcorn	🗆 Felt	□ Ceiling
□ Transite Pipe	□ Mastic	□ DŴJC	🗆 Tar	□ Above Ceiling
□ Gasket	Wall	□ Plaster		□ Other
$\Box$ Tank Insulation	□ Transite Panel	□ Acoustic Tile (Dropped)	)	
□ Pipe Wrap	□ Textured Wall	□ Acoustic Tile (Glued-on	ı)	
HVAC	□ Plaster	□ Mastic	Miscellaneous:	
□ Insulation	X DWJC	Structural		
□ Tape		□ Steel F. P. ing	No. of Phases:	
□ Paper Wrap		Deck F. P. ing	Colour:	





UNIVERSIT					
Sample #:	S018		Date Sampled:	February 12, 20	13
<b>Building</b> :	St. John's College		Sampler:	Trent Hardy	
Location:	Hallway 2C04		Analysis:	SAI - PLM	
MUN Project #:	02-02-900		Work Order #:		
		Bulk	Sampling Parameters		
Pipe/Tank	Flooring		Ceiling	Roofing	Location
□ Insulation	□12'x12' Tile			□ Shingle	X Floor
□ Elbow	□ 9'x9'Tile	$\Box$ S	tucco	□ Rolled	U Wall Orientation
□ Fitting	X Vinyl Sheet $\Box$ P		opcorn	🗆 Felt	□ Ceiling
□ Transite Pipe	□ Mastic	$\Box$ D	WJC	🗆 Tar	□ Above Ceiling
□ Gasket	Wall	$\Box P$	laster		□ Other
□ Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)		
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)		
HVAC	□ Plaster	$\Box N$	lastic	Miscellaneous:	
□ Insulation	DWJC		Structural		
□ Tape		$\Box$ S	teel F. P. ing	No. of Phases:	
□ Paper Wrap		$\Box$ D	eck F. P. ing	Colour: <u>Blue</u>	





UNIVERSIT	Y				
Sample #:	S019		Date Sampled:	July 18, 2012	
<b>Building</b> :	St. John's College		Sampler:	Trent Hardy	
Location:	026, room 2V02		Analysis:	SAI - PLM	
MUN Project #:	02-02-900		Work Order #:		
		Bulk	Sampling Parameters		
Pipe/Tank	Flooring		Ceiling	Roofing	Location
□ Insulation	□12'x12' Tile			□ Shingle	□ Floor
□ Elbow	□ 9'x9'Tile	$\Box$ S	tucco	□ Rolled	□ Wall Orientation
□ Fitting	□ Vinyl Sheet	$\Box P$	opcorn	🗆 Felt	□ Ceiling
□ Transite Pipe	□ Mastic	$\Box$ D	WJC	🗆 Tar	□ Above Ceiling
□ Gasket	Wall	$\Box P$	laster		X Other (door)
□ Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)		
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)		
HVAC	□ Plaster	$\Box N$	lastic	Miscellaneous:	Caulking
□ Insulation	DWJC		Structural		
□ Tape		$\Box$ S	teel F. P. ing	No. of Phases:	
□ Paper Wrap		$\Box$ D	eck F. P. ing	Colour:	





UNIVERSIT	Y				
Sample #:	S020		Date Sampled:	February 12, 20	13
<b>Building</b> :	St. John's College		Sampler:	Trent Hardy	
Location:	026, room 2V02		Analysis:	SAI - PLM	
MUN Project #:	02-02-900		Work Order #:		
		Bulk	Sampling Parameters		
Pipe/Tank	Flooring		Ceiling	Roofing	Location
$\Box$ Insulation	□12'x12' Tile			□ Shingle	□ Floor
□ Elbow	□ 9'x9'Tile	$\Box$ S	tucco	□ Rolled	X Wall Orientation
□ Fitting	$\Box$ Vinyl Sheet $\Box$ P		opcorn	□ Felt	□ Ceiling
□ Transite Pipe	□ Mastic	$\Box D$	WJC	🗆 Tar	□ Above Ceiling
□ Gasket	Wall	$\square P$	laster		□ Other
□ Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)		
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)		
HVAC	X Plaster	$\Box N$	lastic	Miscellaneous:	
□ Insulation	DWJC		Structural		
□ Tape		$\Box$ S	teel F. P. ing	No. of Phases:	
□ Paper Wrap		$\Box$ D	eck F. P. ing	Colour:	





UNIVERSIT	Y				
Sample #:	S021		Date Sampled:	February 12, 20	13
<b>Building</b> :	St. John's College		Sampler:	Trent Hardy	
Location:	027, room 2025		Analysis:	SAI - PLM	
MUN Project #:	02-02-900		Work Order #:		
		Bulk	Sampling Parameters		
Pipe/Tank	Flooring		Ceiling	Roofing	Location
□ Insulation	□12'x12' Tile			□ Shingle	□ Floor
□ Elbow	□ 9'x9'Tile	$\Box$ S	tucco	$\Box$ Rolled	X Wall Orientation
□ Fitting	□ Vinyl Sheet	$\Box P$	opcorn	□ Felt	□ Ceiling
□ Transite Pipe	□ Mastic	$\Box$ D	WJC	🗆 Tar	□ Above Ceiling
□ Gasket	Wall	$\Box P$	laster		□ Other
□ Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)		
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)		
HVAC	X Plaster	□ Mastic		Miscellaneous:	
□ Insulation	DWJC		Structural		
□ Tape		$\Box$ S	teel F. P. ing	No. of Phases:	
□ Paper Wrap		$\Box$ D	eck F. P. ing	Colour:	





UNIVERSII	Y				
Sample #:	S022		Date Sampled:	February 12, 20	13
<b>Building</b> :	St. John's College		Sampler:	Trent Hardy	
Location:	027, room 2025		Analysis:	SAI - PLM	
MUN Project #:	02-02-900		Work Order #:		
		Bulk	Sampling Parameters		
Pipe/Tank	Flooring		Ceiling	Roofing	Location
□ Insulation	□12'x12' Tile			□ Shingle	X Floor
□ Elbow	□ 9'x9'Tile	□ Stucco		□ Rolled	U Wall Orientation
□ Fitting	X Vinyl Sheet	$\Box$ Pe	opcorn	□ Felt	□ Ceiling
□ Transite Pipe	□ Mastic	$\Box D$	WJC	🗆 Tar	□ Above Ceiling
□ Gasket	Wall	$\Box P$	aster		□ Other
□ Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)		
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)		
HVAC	□ Plaster	$\Box$ M	lastic	Miscellaneous:	
□ Insulation	□ DWJC		Structural		
□ Tape		$\Box$ St	teel F. P. ing	No. of Phases:	
□ Paper Wrap		$\Box$ D	eck F. P. ing	Colour: Grey s	peck pattern



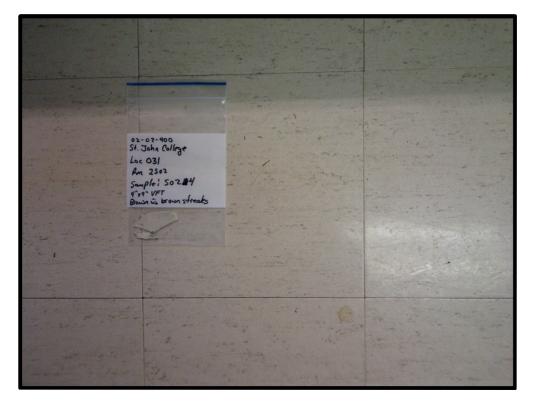


UNIVERSIT	Y				
Sample #:	S023		Date Sampled:	February 12, 20	13
Building :	St. John's College		Sampler:	Trent Hardy	
Location:	027, room 2025		Analysis:	SAI - PLM	
MUN Project #:	02-02-900		Work Order #:		
		Bulk	Sampling Parameters		
Pipe/Tank	Flooring		Ceiling	Roofing	Location
□ Insulation	□12'x12' Tile	ΠT	extured	□ Shingle	X Floor
□ Elbow	X 9'x9'Tile	□ Stucco		□ Rolled	U Wall Orientation
□ Fitting	□ Vinyl Sheet	□ Popcorn		🗆 Felt	□ Ceiling
□ Transite Pipe	□ Mastic	$\Box$ D	<b>WJC</b>	🗖 Tar	□ Above Ceiling
□ Gasket	Wall	$\Box P$	laster		□ Other
$\Box$ Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)		
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)		
HVAC	□ Plaster	$\Box$ N	Iastic	Miscellaneous:	
$\Box$ Insulation	□ DWJC		Structural		
□ Tape		$\Box$ S	teel F. P. ing	No. of Phases:	
□ Paper Wrap			Deck F. P. ing	Colour: <u>Brown</u> streaks	with thick black





UNIVERSII	Y				
Sample #:	S024		Date Sampled:	February 12, 20	13
<b>Building</b> :	St. John's College		Sampler:	Trent Hardy	
Location:	031, room 2S02		Analysis:	SAI - PLM	
MUN Project #:	02-02-900		Work Order #:		
		Bulk	Sampling Parameters		
Pipe/Tank	Flooring		Ceiling	Roofing	Location
□ Insulation	□12'x12' Tile			□ Shingle	X Floor
□ Elbow	X 9'x9'Tile	$\Box$ S	tucco	$\Box$ Rolled	□ Wall Orientation
□ Fitting	□ Vinyl Sheet	$\Box P$	opcorn	□ Felt	□ Ceiling
□ Transite Pipe	□ Mastic	DD	WJC	🗆 Tar	□ Above Ceiling
□ Gasket	Wall	$\Box P$	laster		□ Other
□ Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)		
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)		
HVAC	□ Plaster	$\Box N$	lastic	Miscellaneous:	
$\Box$ Insulation	□ DWJC		Structural		
□ Tape		$\Box$ S	teel F. P. ing	No. of Phases:	
□ Paper Wrap		$\Box$ D	eck F. P. ing	Colour: Brown	with brown streaks





UNIVERSIT	Y			
Sample #:	S025	Date Sampled:	February 12, 20	13
<b>Building</b> :	St. John's College	Sampler:	Trent Hardy	
Location:	031, room 2S02	Analysis:	SAI - PLM	
MUN Project #:	02-02-900	Work Order #:		
		<b>Bulk Sampling Paramete</b>	ers	
Pipe/Tank	Flooring	Ceiling	Roofing	Location
□ Insulation	□12'x12' Tile	□ Textured	□ Shingle	□ Floor
□ Elbow	□ 9'x9'Tile	□ Stucco	$\Box$ 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 (Droppe	d)	
□ Pipe Wrap	□ Textured Wall	□ Acoustic Tile (Glued-o	on)	
HVAC	X Plaster	□ Mastic	Miscellaneous:	
□ Insulation	DWJC	Structural		
□ Tape		□ Steel F. P. ing	No. of Phases:	
□ Paper Wrap		Deck F. P. ing	Colour: Brown	





UNIVERSIT	Y				
Sample #:	S026		Date Sampled:	February 12, 2013	
Building :	St. John's College		Sampler:	Trent Hardy	
Location:	031, room 2S02		Analysis:	SAI - PLM	
MUN Project #:	02-02-900		Work Order #:		
		Bulk	Sampling Parameters		
Pipe/Tank	Flooring		Ceiling	Roofing	Location
□ Insulation	□12'x12' Tile			□ Shingle	□ Floor
□ Elbow	□ 9'x9'Tile	□ Stucco		□ Rolled	□ Wall Orientation
□ Fitting	□ Vinyl Sheet	□ Popcorn		🗆 Felt	□ Ceiling
□ Transite Pipe	□ Mastic	ΠD	WJC	🗆 Tar	□ Above Ceiling
□ Gasket	Wall	□ Plaster			X Other (ductwork)
□ Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)		
🗆 Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)		
HVAC	□ Plaster	□ Mastic		Miscellaneous:	Parging cement
X Insulation	DWJC		Structural		
□ Tape		$\Box$ S	teel F. P. ing	No. of Phases:	
□ Paper Wrap		$\Box D$	eck F. P. ing	Colour: <u>Tan</u>	





UNIVERSIT	Y				
Sample #:	S027		Date Sampled:	July 18, 2012	
<b>Building</b> :	St. John's College		Sampler:	Trent Hardy	
Location:	032, room 2S03		Analysis:	SAI - PLM	
MUN Project #:	02-02-900		Work Order #:		
		Bulk	Sampling Parameters		
Pipe/Tank	Flooring		Ceiling	Roofing	Location
□ Insulation	X12'x12' Tile			□ Shingle	X Floor
□ Elbow	□ 9'x9'Tile	$\Box$ S	tucco	□ Rolled	□ Wall Orientation
□ Fitting	$\Box$ Vinyl Sheet $\Box$ P		opcorn	🗆 Felt	□ Ceiling
□ Transite Pipe	□ Mastic	DD	WJC	🗆 Tar	□ Above Ceiling
□ Gasket	Wall	$\Box P$	laster		□ Other
□ Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)		
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)		
HVAC	□ Plaster	$\Box N$	lastic	Miscellaneous:	
□ Insulation	DWJC		Structural		
□ Tape		$\Box$ S	teel F. P. ing	No. of Phases:	
□ Paper Wrap		$\Box$ D	eck F. P. ing	Colour: Beige	with brown fleck



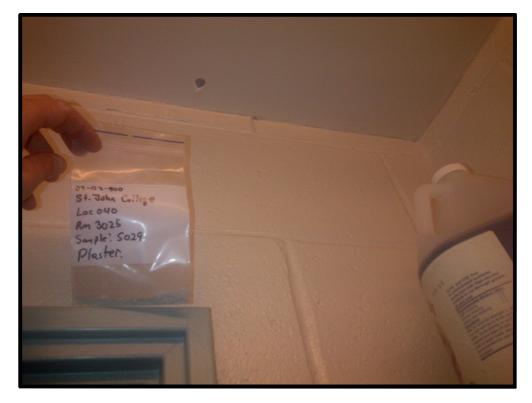


UNIVERSIT	Y			
Sample #:	S028	Date Sampled:	July 18, 2012	
<b>Building</b> :	St. John's College	Sampler:	Trent Hardy	
Location:	038, room 3015	Analysis:	SAI - PLM	
MUN Project #:	02-02-900	Work Order #:		
		<b>Bulk Sampling Parameters</b>		
Pipe/Tank	Flooring	Ceiling	Roofing	Location
□ Insulation	□12'x12' Tile	□ Textured	□ Shingle	□ Floor
□ Elbow	□ 9'x9'Tile	□ Stucco	$\Box$ Rolled	□ Wall Orientation
□ Fitting	□ Vinyl Sheet	□ Popcorn	□ Felt	X Ceiling
□ Transite Pipe	□ Mastic	□ DWJC	🗖 Tar	□ Above Ceiling
□ Gasket	Wall	X Plaster		□ Other
□ Tank Insulation	□ Transite Panel	□ Acoustic Tile (Dropped)		
□ Pipe Wrap	□ Textured Wall	$\Box$ 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:	





UNIVERSII	Y				
Sample #:	S029		Date Sampled:	July 18, 2012	
<b>Building</b> :	St. John's College		Sampler:	Trent Hardy	
Location:	040, room 3025		Analysis:	SAI - PLM	
MUN Project #:	02-02-900		Work Order #:		
		Bulk	Sampling Parameters		
Pipe/Tank	Flooring		Ceiling	Roofing	Location
□ Insulation	□12'x12' Tile	ΠT	extured	□ Shingle	□ Floor
□ Elbow	□ 9'x9'Tile	$\Box$ S	tucco	$\Box$ Rolled	□ Wall Orientation
□ Fitting	□ Vinyl Sheet	$\Box P$	opcorn	□ Felt	X Ceiling
□ Transite Pipe	□ Mastic	ΠD	WJC	🗖 Tar	□ Above Ceiling
□ Gasket	Wall	X Pl	aster		$\Box$ Other
$\Box$ Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)		
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)		
HVAC	□ Plaster	$\Box N$	Iastic	Miscellaneous:	
□ Insulation	□ DWJC		Structural		
□ Tape		$\Box$ S	teel F. P. ing	No. of Phases:	
□ Paper Wrap		$\Box$ D	eck F. P. ing	Colour:	<u> </u>





UNIVERSIT	Y				
Sample #:	S030		Date Sampled:	July 18, 2012	
<b>Building</b> :	St. John's College		Sampler:	Trent Hardy	
Location:	041, room 3007		Analysis:	SAI - PLM	
MUN Project #:	02-02-900		Work Order #:		
		Bulk	Sampling Parameters		
Pipe/Tank	Flooring		Ceiling	Roofing	Location
□ Insulation	□12'x12' Tile	□ T	extured	□ Shingle	□ Floor
□ Elbow	□ 9'x9'Tile	$\Box$ S	tucco	□ Rolled	X Wall Orientation
□ Fitting	$\Box$ Vinyl Sheet $\Box$ P		opcorn	□ Felt	□ Ceiling
□ Transite Pipe	□ Mastic	$\Box D$	WJC	🗆 Tar	□ Above Ceiling
□ Gasket	Wall	$\square P$	laster		□ Other
□ Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)		
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)		
HVAC	□ Plaster	$\Box N$	lastic	Miscellaneous:	
□ Insulation	X DWJC		Structural		
□ Tape		$\Box$ S	teel F. P. ing	No. of Phases:	
□ Paper Wrap		$\Box D$	eck F. P. ing	Colour: <u>Blue</u>	



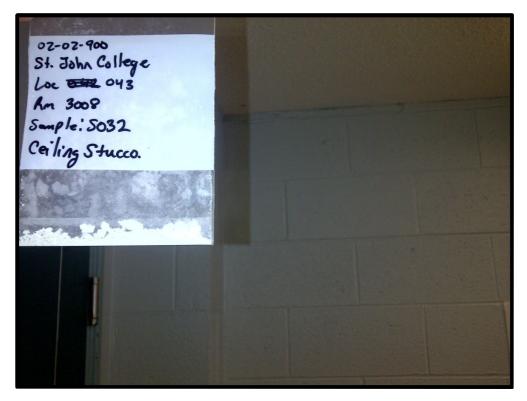


Y				
S031		Date Sampled:	July 18, 2012	
St. John's College		Sampler:	Trent Hardy	
041, room 3007		Analysis:	SAI - PLM	
02-02-900		Work Order #:		
	Bulk	Sampling Parameters		
Flooring		Ceiling	Roofing	Location
□12'x12' Tile			□ Shingle	□ Floor
□ 9'x9'Tile	$\Box$ S	tucco	□ Rolled	X Wall Orientation
□ Vinyl Sheet	$\Box P$	opcorn	🗆 Felt	□ Ceiling
□ Mastic	$\Box$ D	WJC	🗆 Tar	□ Above Ceiling
Wall	$\Box P$	laster		□ Other
□ Transite Panel	$\Box A$	coustic Tile (Dropped)		
□ Textured Wall	$\Box A$	coustic Tile (Glued-on)		
X Plaster	$\Box N$	lastic	Miscellaneous:	
DWJC		Structural		
	$\Box$ S	teel F. P. ing	No. of Phases:	
	$\Box$ D	eck F. P. ing	Colour:	
	S031 St. John's College 041, room 3007 02-02-900 Flooring D12'x12' Tile 9'x9'Tile Vinyl Sheet Vinyl Sheet Wall Transite Panel Textured Wall X Plaster	S031         St. John's College         041, room 3007         02-02-900         Bulk         Flooring         □12'x12' Tile         □9'x9'Tile         □9'x9'Tile         □Mastic         □D         Transite Panel         □A         □Textured Wall         □A         X Plaster         □DWJC	S031       Date Sampled:         St. John's College       Sampler:         041, room 3007       Analysis:         02-02-900       Work Order #:         Bulk Sampling Parameters         Flooring         Ceiling         12'x12' Tile       Textured         9'x9'Tile       Stucco         Vinyl Sheet       Popcorn         Mastic       DWJC         Wall       Plaster         Transite Panel       Acoustic Tile (Dropped)         Textured Wall       Acoustic Tile (Glued-on)         X Plaster       Mastic	S031Date Sampled:July 18, 2012St. John's CollegeSampler:Trent Hardy041, room 3007Analysis:SAI - PLM02-02-900Work Order #:Bulk Sampling ParametersFlooringCeilingRoofingI12'x12' TileTextured9'x9'TileStuccoRolledVinyl SheetPopcornFeltMasticDWJCTarWallPlasterTarTransite PanelAcoustic Tile (Dropped)Textured WallAcoustic Tile (Glued-on)X PlasterMiscellaneous:DWJCStructuralNo. of Phases:



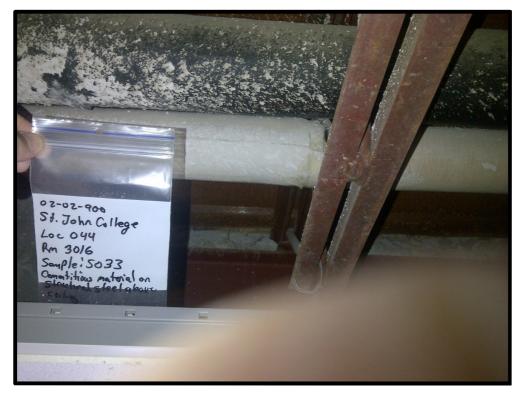


UNIVERSIT	Y				
Sample #:	S032		Date Sampled:	July 18, 2012	
<b>Building</b> :	St. John's College		Sampler:	Trent Hardy	
Location:	043, room 3008		Analysis:	SAI - PLM	
MUN Project #:	02-02-900		Work Order #:		
		Bulk	Sampling Parameters		
Pipe/Tank	Flooring		Ceiling	Roofing	Location
□ Insulation	□12'x12' Tile			□ Shingle	□ Floor
□ Elbow	□ 9'x9'Tile	X St	ucco	□ Rolled	□ Wall Orientation
□ Fitting	□ Vinyl Sheet	$\Box P$	opcorn	🗆 Felt	X Ceiling
□ Transite Pipe	□ Mastic	ΠD	WJC	🗆 Tar	□ Above Ceiling
□ Gasket	Wall	$\Box P$	laster		□ Other
$\Box$ Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)		
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)		
HVAC	□ Plaster	□ Mastic		Miscellaneous:	
□ Insulation	DWJC		Structural		
□ Tape		$\Box$ S	teel F. P. ing	No. of Phases:	
□ Paper Wrap		$\Box$ D	eck F. P. ing	Colour:	





UNIVERSIT	Y				
Sample #:	S033		Date Sampled:	July 18, 2012	
<b>Building</b> :	St. John's College		Sampler:	Trent Hardy	
Location:	044, room 3016		Analysis:	SAI - PLM	
MUN Project #:	02-02-900		Work Order #:		
		Bulk	Sampling Parameters		
Pipe/Tank	Flooring		Ceiling	Roofing	Location
□ Insulation	□12'x12' Tile			□ Shingle	□ Floor
□ Elbow	□ 9'x9'Tile	□ Stucco		□ Rolled	□ Wall Orientation
□ Fitting	□ Vinyl Sheet	$\Box P$	opcorn	🗆 Felt	□ Ceiling
□ Transite Pipe	□ Mastic	ΠD	OWJC	🗆 Tar	□ Above Ceiling
□ Gasket	Wall	$\Box P$	laster		□ Other
$\Box$ Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)		
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)		
HVAC	□ Plaster	□ Mastic		Miscellaneous: <u>Cementious</u> material on structural piping	
□ Insulation	□ DWJC		Structural		
□ Tape		$\Box$ S	teel F. P. ing	No. of Phases:	
□ Paper Wrap		$\Box$ D	Deck F. P. ing	Colour:	



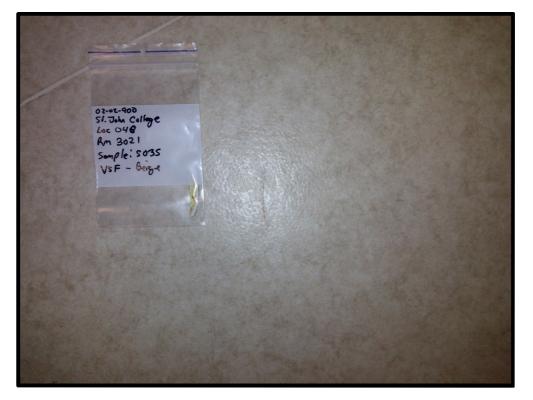


UNIVERSII	Y				
Sample #:	S034	Date	Sampled:	July 20, 2012	
<b>Building</b> :	St. John's College	Sam	oler:	Trent Hardy	
Location:	Room 3013	Anal	ysis:	SAI - PLM	
MUN Project #:	02-02-900	Worl	k Order #:		
		Bulk Samp	ling Parameters		
Pipe/Tank	Flooring		Ceiling	Roofing	Location
□ Insulation	□12'x12' Tile	□ Texture	d	□ Shingle	□ Floor
□ Elbow	□ 9'x9'Tile	□ Stucco		□ Rolled	X Wall Orientation
□ Fitting	□ Vinyl Sheet	□ Popcorn	l	□ Felt	□ Ceiling
□ Transite Pipe	□ Mastic	□ DWJC		🗖 Tar	□ Above Ceiling
□ Gasket	Wall	□ Plaster			□ Other
□ Tank Insulation	□ Transite Panel	□ Acoustie	c Tile (Dropped)		
□ Pipe Wrap	Textured Wall	□ Acoustie	c Tile (Glued-on)		
HVAC	□ Plaster	□ Mastic		Miscellaneous:	
□ Insulation	X DWJC	S	tructural		
□ Tape		□ Steel F.	P. ing	No. of Phases:	
□ Paper Wrap		$\Box$ Deck F.	P. ing	Colour:	



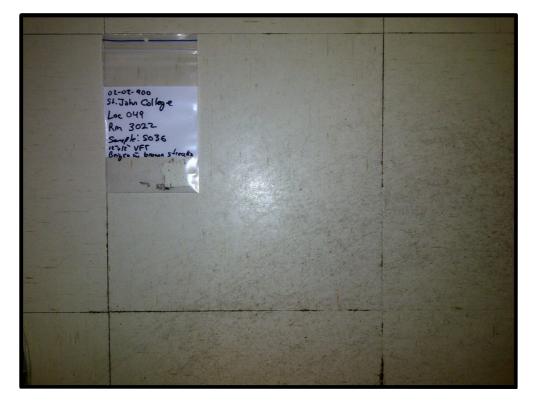


UNIVERSIT	Y			
Sample #:	S035	Date Sampled:	July 20, 2012	
<b>Building</b> :	St. John's College	Sampler:	Trent Hardy	
Location:	046, room 3021	Analysis:	SAI - PLM	
MUN Project #:	02-02-900	Work Order #:		
		<b>Bulk Sampling Parameters</b>		
Pipe/Tank	Flooring	Ceiling	Roofing	Location
□ Insulation	□12'x12' Tile	□ Textured	□ Shingle	X Floor
□ Elbow	□ 9'x9'Tile	□ Stucco	$\Box$ 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	$\Box$ 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: Beige	





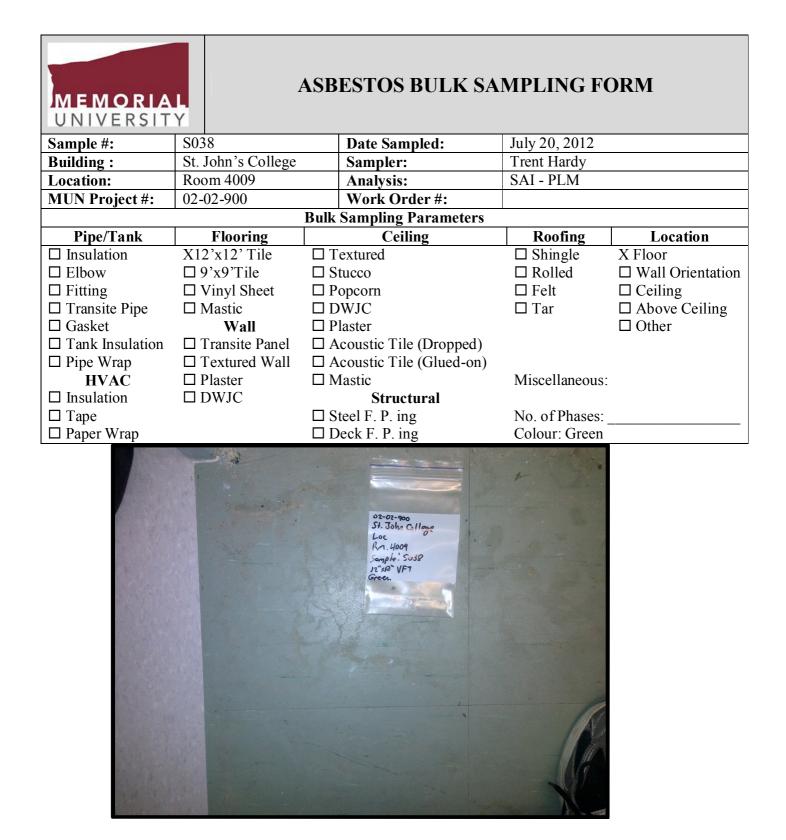
UNIVERSIT	Y				
Sample #:	S036		Date Sampled:	July 20, 2012	
<b>Building</b> :	St. John's College		Sampler:	Trent Hardy	
Location:	049, room 3022		Analysis:	SAI - PLM	
MUN Project #:	02-02-900		Work Order #:		
		Bulk	Sampling Parameters		
Pipe/Tank	Flooring		Ceiling	Roofing	Location
□ Insulation	X12'x12' Tile			□ Shingle	X Floor
□ Elbow	□ 9'x9'Tile	$\Box S$	tucco	$\Box$ Rolled	□ Wall Orientation
□ Fitting	$\Box$ Vinyl Sheet $\Box$ P		opcorn	□ Felt	□ Ceiling
□ Transite Pipe	□ Mastic	$\Box D$	WJC	🗆 Tar	□ Above Ceiling
□ Gasket	Wall	$\Box P$	laster		□ Other
$\Box$ Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)		
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)		
HVAC	□ Plaster	□ Mastic		Miscellaneous:	
$\Box$ Insulation	□ DWJC		Structural		
□ Tape		$\Box S$	teel F. P. ing	No. of Phases:	
□ Paper Wrap		$\Box$ D	eck F. P. ing	Colour: Beige v	with brown streaks





UNIVERSIT	Y				
Sample #:	S037		Date Sampled:	July 20, 2012	
<b>Building</b> :	St. John's College		Sampler:	Trent Hardy	
Location:	056, room 4008		Analysis:	SAI - PLM	
MUN Project #:	02-02-900		Work Order #:		
		Bulk	Sampling Parameters		
Pipe/Tank	Flooring		Ceiling	Roofing	Location
□ Insulation	□12'x12' Tile	□ T	extured	□ Shingle	□ Floor
□ Elbow	□ 9'x9'Tile	X St	ucco	□ Rolled	□ Wall Orientation
□ Fitting	□ Vinyl Sheet	$\Box P$	opcorn	□ Felt	X Ceiling
□ Transite Pipe	□ Mastic	$\Box$ D	WJC	🗆 Tar	□ Above Ceiling
□ Gasket	Wall	$\Box P$	laster		□ Other
□ Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)		
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)		
HVAC	□ Plaster	$\Box N$	Iastic	Miscellaneous:	
□ Insulation	□ DWJC		Structural		
□ Tape		$\Box$ S	teel F. P. ing	No. of Phases:	
□ Paper Wrap		$\Box$ D	eck F. P. ing	Colour:	





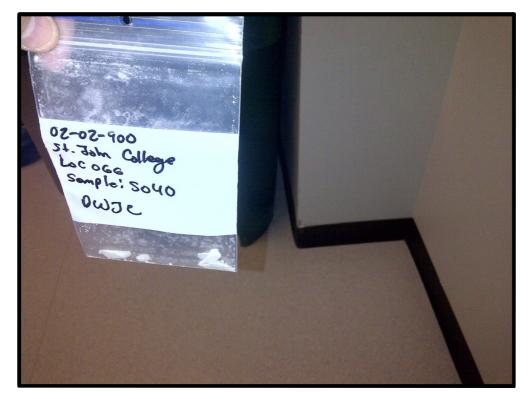


Y				
S039		Date Sampled:	July 20, 2012	
St. John's College		Sampler:	Trent Hardy	
Room 4017		Analysis:	SAI - PLM	
02-02-900		Work Order #:		
	Bulk	Sampling Parameters		
Flooring		Ceiling	Roofing	Location
□12'x12' Tile	ΠT	extured	□ Shingle	□ Floor
□ 9'x9'Tile	$\Box$ S	tucco	□ Rolled	□ Wall Orientation
□ Vinyl Sheet	$\Box P$	opcorn	□ Felt	X Ceiling
□ Mastic	$\Box$ D	WJC	🗆 Tar	□ Above Ceiling
Wall	X Pl	aster		□ Other
□ Transite Panel	$\Box A$	coustic Tile (Dropped)		
□ Textured Wall	$\Box A$	coustic Tile (Glued-on)		
□ Plaster	$\Box N$	Iastic	Miscellaneous:	
DWJC		Structural		
	$\Box$ S	teel F. P. ing	No. of Phases:	
	$\Box$ D	eck F. P. ing	Colour:	
	S039 St. John's College Room 4017 02-02-900 Flooring D12'x12' Tile 9'x9'Tile Vinyl Sheet Wall Transite Panel Textured Wall Plaster	S039         St. John's College         Room 4017         02-02-900         Bulk         Flooring         □12'x12' Tile         □9'x9'Tile         □9'x9'Tile         □Nastic         □D         Mastic         □D         □Transite Panel         □A         □Plaster         □DWJC	S039       Date Sampled:         St. John's College       Sampler:         Room 4017       Analysis:         02-02-900       Work Order #:         Bulk Sampling Parameters         Flooring         D12'x12' Tile       Textured         9'x9'Tile       Stucco         Vinyl Sheet       Popcorn         Mastic       DWJC         Wall       X Plaster         Transite Panel       Acoustic Tile (Dropped)         Textured Wall       Acoustic Tile (Glued-on)         Plaster       Mastic	Solate Sampled:July 20, 2012St. John's CollegeSampler:Trent HardyRoom 4017Analysis:SAI - PLM $02-02-900$ Work Order #:Sampling ParametersBulk Sampling ParametersFlooringCeilingRoofing $\Box 12'x12'$ Tile $\Box$ Textured $\Box$ Shingle $\Box 9'x9'$ Tile $\Box$ Stucco $\Box$ Rolled $\Box$ Vinyl Sheet $\Box$ Popcorn $\Box$ Felt $\Box$ Mastic $\Box$ DWJC $\Box$ TarWallX PlasterTar $\Box$ Transite Panel $\Box$ Acoustic Tile (Dropped) $\Box$ Textured Wall $\Box$ Acoustic Tile (Glued-on) $\Box$ Plaster $\Box$ MasticMiscellaneous: $\Box$ DWJCStructural $\Box$ Steel F. P. ingNo. of Phases: $\Box$ Steel F. P. ing $\Box$ Steel Plaster



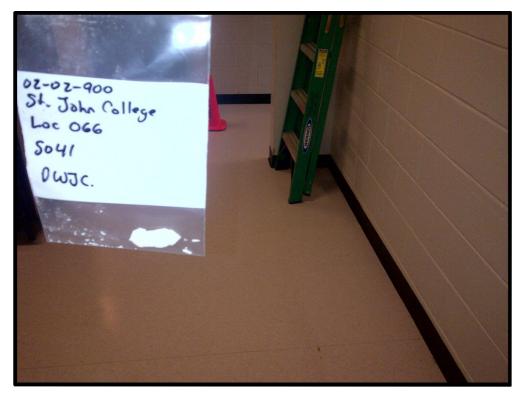


UNIVERSIT	Y				
Sample #:	S040		Date Sampled:	July 20, 2012	
<b>Building</b> :	St. John's College		Sampler:	Trent Hardy	
Location:	066		Analysis:	SAI - PLM	
MUN Project #:	02-02-900		Work Order #:		
		Bulk	Sampling Parameters		
Pipe/Tank	Flooring		Ceiling	Roofing	Location
□ Insulation	□12'x12' Tile			□ Shingle	□ Floor
□ Elbow	□ 9'x9'Tile	$\Box S$	tucco	□ Rolled	X Wall Orientation
□ Fitting	$\Box$ Vinyl Sheet $\Box$ P		opcorn	□ Felt	□ Ceiling
□ Transite Pipe	□ Mastic	ΠD	WJC	🗆 Tar	□ Above Ceiling
□ Gasket	Wall	$\Box P$	laster		□ Other
□ Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)		
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)		
HVAC	□ Plaster	$\Box N$	Iastic	Miscellaneous:	
□ Insulation	X DWJC		Structural		
□ Tape		$\Box S$	teel F. P. ing	No. of Phases:	
□ Paper Wrap		$\Box$ D	eck F. P. ing	Colour:	





UNIVERSIT	Y				
Sample #:	S041	Date	e Sampled:	July 20, 2012	
<b>Building</b> :	St. John's College	Sam	pler:	Trent Hardy	
Location:	066	Ana	lysis:	SAI - PLM	
MUN Project #:	02-02-900	Wor	·k Order #:		
		<b>Bulk Samp</b>	oling Parameters		
Pipe/Tank	Flooring		Ceiling	Roofing	Location
□ Insulation	□12'x12' Tile	□ Texture	ed	□ Shingle	□ Floor
□ Elbow	□ 9'x9'Tile	□ Stucco		□ Rolled	X Wall Orientation
□ Fitting	□ Vinyl Sheet	□ Popcor	n	🗆 Felt	□ Ceiling
□ Transite Pipe	□ Mastic	□ DWJC		🗆 Tar	□ Above Ceiling
□ Gasket	Wall	□ Plaster			□ Other
□ Tank Insulation	□ Transite Panel	□ Acoust	ic Tile (Dropped)		
□ Pipe Wrap	□ Textured Wall	□ Acoust	ic Tile (Glued-on)		
HVAC	□ Plaster	□ Mastic		Miscellaneous:	
□ Insulation	X DWJC	S	Structural		
□ Tape		□ Steel F.	. P. ing	No. of Phases:	
□ Paper Wrap		Deck F	. P. ing	Colour:	





UNIVERSIT	Y			
Sample #:	S042	Date Sampled:	July 20, 2012	
<b>Building</b> :	St. John's College	Sampler:	Trent Hardy	
Location:	069	Analysis:	SAI - PLM	
MUN Project #:	02-02-900	Work Order #:		
		<b>Bulk Sampling Parameters</b>		
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	$\Box$ Acoustic Tile (Glued-on)		
HVAC	X Plaster	□ Mastic	Miscellaneous:	
$\Box$ Insulation	□ DWJC	Structural		
□ Tape		□ Steel F. P. ing	No. of Phases:	
□ Paper Wrap		Deck F. P. ing	Colour: Cream	



UNIVERSIT	Y			
Sample #:	S043	Date Sampled:	July 20, 2012	
<b>Building</b> :	St. John's College	Sampler:	Trent Hardy	
Location:	071, room 4006	Analysis:	SAI - PLM	
MUN Project #:	02-02-900	Work Order #:		
		<b>Bulk Sampling Parameters</b>		
Pipe/Tank	Flooring	Ceiling	Roofing	Location
□ Insulation	□12'x12' Tile	□ Textured	□ Shingle	□ Floor
□ Elbow	□ 9'x9'Tile	□ Stucco	$\Box$ 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	X Plaster	□ Mastic	Miscellaneous:	
□ Insulation	DWJC	Structural		
□ Tape		□ Steel F. P. ing	No. of Phases:	
□ Paper Wrap		Deck F. P. ing	Colour: White	





UNIVERSIT	Y				
Sample #:	S044		Date Sampled:	July 20, 2012	
<b>Building</b> :	St. John's College		Sampler:	Trent Hardy	
Location:	072		Analysis:	SAI - PLM	
MUN Project #:	02-02-900		Work Order #:		
		Bulk	Sampling Parameters		
Pipe/Tank	Flooring		Ceiling	Roofing	Location
□ Insulation	□12'x12' Tile	□ T	extured	□ Shingle	□ Floor
□ Elbow	□ 9'x9'Tile	$\Box$ S	tucco	□ Rolled	X Wall Orientation
□ Fitting	$\Box$ Vinyl Sheet $\Box$ P		opcorn	🗆 Felt	□ Ceiling
□ Transite Pipe	$\Box$ Mastic $\Box$ $\Box$		OWJC	🗆 Tar	□ Above Ceiling
□ Gasket	Wall 🗆 P		laster		□ Other
□ Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)		
□ Pipe Wrap	□ Textured Wall	□ Acoustic Tile (Glued-on)			
HVAC	X Plaster	□ Mastic		Miscellaneous:	
□ Insulation	DWJC	Structural			
□ Tape		$\Box$ S	teel F. P. ing	No. of Phases:	
□ Paper Wrap		$\Box$ D	Deck F. P. ing	Colour:	





UNIVERSIT	Y				
Sample #:	S045		Date Sampled:	July 20, 2012	
<b>Building</b> :	St. John's College		Sampler:	Trent Hardy	
Location:	074		Analysis:	SAI - PLM	
MUN Project #:	02-02-900		Work Order #:		
		Bulk	Sampling Parameters		
Pipe/Tank	Flooring		Ceiling	Roofing	Location
□ Insulation	X12'x12' Tile	ΠT	extured	□ Shingle	X 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			□ Other
□ Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)		
□ Pipe Wrap	□ Textured Wall	□ Acoustic Tile (Glued-on)			
HVAC	□ Plaster	□ Mastic		Miscellaneous:	
□ Insulation	□ DWJC		Structural		
□ Tape		$\Box$ S	teel F. P. ing	No. of Phases:	
□ Paper Wrap		$\Box$ D	eck F. P. ing	Colour:	



UNIVERSIT	Y				
Sample #:	S046	Da	te Sampled:	July 20, 2012	
<b>Building</b> :	St. John's College	Sa	mpler:	Trent Hardy	
Location:	074	An	alysis:	SAI - PLM	
MUN Project #:	02-02-900	We	ork Order #:		
		<b>Bulk San</b>	npling Parameters		
Pipe/Tank	Flooring		Ceiling	Roofing	Location
□ Insulation	□12'x12' Tile	🗆 Textu	red	□ Shingle	□ Floor
□ Elbow	□ 9'x9'Tile	□ Stucco		$\Box$ Rolled	X Wall Orientation
□ Fitting	□ Vinyl Sheet	neet 🗆 Popcorn		□ Felt	□ Ceiling
□ Transite Pipe	□ Mastic	□ DWJC		🗆 Tar	□ Above Ceiling
□ Gasket	Wall	□ Plaster			□ Other
□ Tank Insulation	□ Transite Panel	□ Acous	stic 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:	



UNIVERSIT	Y				
Sample #:	S047	]	Date Sampled:	May 2, 2013	
<b>Building</b> :	St. John's College	5	Sampler:	Trent Hardy	
Location:	Room 1001	1	Analysis:	SAI - PLM	
MUN Project #:	02-02-900		Work Order #:		
		Bulk S	ampling Parameters		
Pipe/Tank	Flooring		Ceiling	Roofing	Location
□ Insulation	□12'x12' Tile	🗆 Tex	xtured	□ Shingle	□ Floor
□ Elbow	□ 9'x9'Tile	🗆 Stu	cco	□ Rolled	U Wall Orientation
□ Fitting	□ Vinyl Sheet	🗆 Pop	ocorn	□ Felt	□ Ceiling
□ Transite Pipe	□ Mastic	$\Box$ DW	VJC	🗆 Tar	□ Above Ceiling
□ Gasket	Wall	🗆 Pla	ster		X Other
X Tank Insulation	□ Transite Panel	$\Box$ Aco	oustic Tile (Dropped)		
□ Pipe Wrap	□ Textured Wall	$\Box$ Aco	oustic Tile (Glued-on)		
HVAC	□ Plaster	□ Mastic		Miscellaneous:	
$\Box$ Insulation	□ DWJC		Structural		
□ Tape		□ Ste	el F. P. ing	No. of Phases:	
□ Paper Wrap		□ Dee	ck F. P. ing	Colour:	

