



ASBESTOS AND LEAD PAINT BUILDING MATERIALS SURVEY FOR: QUEEN ELIZABETH II LIBRARY 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: QE II LIBRARY

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

A summary of the findings for the QE II Library (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. Non-friable asbestos-containing building materials were identified in the Site Building, specifically vinyl floor tiles, tar mastics, jacketing on ductwork, and transite.
- 3. Paints containing greater than 600 mg/kg of lead were identified in the Site Building, specifically the orange paint as observed in L 2022.

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;

BUILDING DESCRIPTION: QE LIBRARY

BUILDING ADDRESS: MEMORIAL UNIVERSITY OF NL, ST. JOHN'S CAMPUS, 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 friable¹ and non-friable² 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 between August and September, 2012. The survey, collection of representative bulk samples, and recording of information was performed by Mr. Trent Hardy and Mrs. Angela Stagg 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-nine (49) representative bulk samples were collected for analysis for asbestos content,

A total of ten (10) 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

No suspect sprayed or trowelled fireproofing or thermal insulation was observed in the Site Building.

3.2 Mechanical Insulation

One (1) sample of tar mastic above ceiling pipe elbows was collected in room L 1010A and contains 20% chrysotile asbestos (reference sample 02-02-900-S022). For locations and conditions of this material at the time of the building survey refer to location & data excel document.

One (1) sample of jacket above ceiling on ductwork was collected in room L4017 and contains 70% chrysotile asbestos (reference sample 02-02-900-S044). For locations and conditions of this material at the time of the building survey refer to location & data excel document.

Insulating cement, also referred to as "parging cement", present on pipe elbows, fittings and as tank insulation was sampled in two locations in the site building. Analysis of these samples did

not identify the presence of asbestos (reference samples 02-02-900-S009, 02-02-900-S046 and 02-02-900-S047).

One (1) sample of the tar paper used on fibreglass insulation was collected from the ductwork in the main hallway. Analysis of the sample did not identify the presence of asbestos (reference samples 02-02-900-S040).

3.3 Acoustic Ceiling Tiles

Nine (9) samples were collected of acoustic ceiling tiles were observed in the site building. Analysis of the sample did not identify the presence of asbestos. A summary of the acoustic ceiling tiles samples collected is observed as follows:

- The 2"x2" acoustic ceiling tile distinguished with a pinhole and fleck pattern located in L 2027 (reference sample 02-02-900-S017);
- The 2"x2" acoustic ceiling tile distinguished with a pinhole and dense fleck pattern located in L 2024 (reference sample 02-02-900-S011);
- The 2"x2" acoustic ceiling tile distinguished with a small fissure and fleck pattern located in L 3022 (reference sample 02-02-900-S038);
- The 2"x4" acoustic ceiling tile distinguished with a pinhole stipple pattern located in L 2000A (reference sample 02-02-900-S013);
- The 2"x4" acoustic ceiling tile distinguished with a pinhole pattern located in L 2018 (reference sample 02-02-900-S007);
- The 2"x4" acoustic ceiling tile distinguished with a pinhole and hole pattern located in L 1014G (reference sample 02-02-900-S028);
- The 2"x4" acoustic ceiling tile distinguished with a pinhole and fleck pattern located in L 2021 (reference sample 02-02-900-S004);
- The 2"x2" acoustic ceiling tile distinguished with a pinhole & stipple pattern located in L 1009 (reference sample 02-02-900-S024);
- The 2"x2" acoustic ceiling tile distinguished with a pinhole pattern located in L 1014H (reference sample 02-02-900-S026); and
- The 2"x2" acoustic ceiling tile distinguished with a pinhole and fissure (reference sample 02-02-900-S048).

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.

Ten (10) samples, in total, of drywall joint compound were collected in the site building. Results from one (1) samples collected contain 3% chrysotile asbestos (reference samples, 02-02-900-S025).

3.5 Vinyl Flooring Materials

<u>3.5.1</u> Vinyl Floor Tiles

Fifteen (15) types of vinyl floor tiles were observed in the site building. Results from one (1) of the fifteen (15) samples collected to contain 3% chrysotile asbestos. A list of the visually different asbestos and non-asbestos vinyl floor tiles is provided in the tables below:

Asbestos Containing Vinyl Floor Tiles							
	Library						
Sample Number Description Location Asbestos (%							
02-02-900-\$036	12"x12" Vinyl Floor Tiles - White with brown streaks	L 2018	3% Chrysotile				
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
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3.5.1.2 Non-Asbestos Containing Vinyl Floor Tiles

Non-Asbestos Containing Vinyl Floor Tiles						
Library						
Sample Number	Description	Location				
02-02-900-S005	12"x 12" Vinyl Floor Tiles - Blue with Large Black Streaks	L 2018				
02-02-900-\$003	12"x 12" Vinyl Floor Tiles - White with Large Blue Flecks	L 2021				
02-02-900-\$035	12"x12" Vinyl Floor Tiles - Beige with Brown and Blue Specks	L 1017				
02-02-900-S029	12"x12" Vinyl Floor Tiles - Burgundy with Light Burgundy and White Flecks	L IC05				
02-02-900-S023	12"x12" Vinyl Floor Tiles - Cream	L 1009C				
02-02-900-S019	12"x12" Vinyl Floor Tiles - Cream with Large Brown Flecks	L 1005A				
02-02-900-\$039	12"x12" Vinyl Floor Tiles - Grey with Abundant White and Brown Flecks	L 3017				
02-02-900-S041	12"x12" Vinyl Floor Tiles - Grey with Dark Grey and White Flecks	L 3108				
02-02-900-S015	12"x12" Vinyl Floor Tiles - Light Brown	L 2027				
02-02-900-S018	12"x12" Vinyl Floor Tiles - Light Brown with Dark Blue and White Flecks	L 1003				
02-02-900-S016	12"x12" Vinyl Floor Tiles - Red	L 2027				
02-02-900-S010	12"x12" Vinyl Floor Tiles - Very Light Brown with Abundant Brown Flecks	L 2024				
02-02-900-S037	12"x12" Vinyl Floor Tiles - White with Black	L 1010				

Non-Asbestos Containing Vinyl Floor Tiles						
Library						
Sample Number	Description	Location				
	streaks					
02-02-900-S030	12"x12" Vinyl Floor Tiles -White with Grey Flecks	L 1012A				
For locations and conditions of this material at the time of the building survey refer to location						

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

<u>3.5.2</u> Vinyl Sheet Flooring

Three (3) types of vinyl sheet flooring were observed in the site building. Analysis of these samples did not identify the presence of asbestos. A summary of the visually different asbestos containing vinyl sheet flooring is provided it the tables below:

3.5.2.1	Non-Asbestos	Containing	Vinyl	Sheet Flooring
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Non-Asbestos Containing Vinyl Sheet Flooring						
	QE Library					
Sample Number Description Location						
02-02-900-S001	Vinyl Sheet Flooring - Beige with Light Grey Flecks	L 2017				
02-02-900-S021	Vinyl Sheet Flooring - Cream	L 1005				
02-02-900-S049	Vinyl Sheet Flooring – Light Grey Stone	L 2028A				

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

3.6 Asbestos Cement Products

The black phenolic lab bench also referred as "transite counter" was sampled from L 1013C and contains 15% chrysotile asbestos (reference sample 02-02-900-S034). For locations and conditions of this material at the time of the building survey refer to location & data excel document.

Transite sheeting was sampled from L1V01 and contains 20% chrysotile asbestos (reference sample 02-02-900-S032). 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 tar mastics on the sinks (gold colour) was collected from L 1013and contains 5% chrysotile asbestos (reference sample 02-02-900-S031). For locations and conditions of this material at the time of the building survey refer to location & data excel document.

One (1) sample of red duct sealant was collected from room L 2021. Analysis of the sample did not identify the presence of asbestos (reference sample 02-02-900-S008).

One (1) sample of caulking on ductwork was collected from room L 2024. Analysis of the sample did not identify the presence of asbestos (reference sample 02-02-900-S012).

4.0 LBP SURVEY FINDINGS

Analytical results indicate that one (1) 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 orange paint as observed in L 2022 (reference sample 02-02-900-L003) contains 1.1% 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 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.

Friable ACMs

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 ft² should be removed using Type III (high risk) asbestos abatement procedures. Quantities less than 100 ft² but exceeding 10ft² should be removed using Type II (moderate risk) asbestos abatement procedures, while quantities less than 10 ft² 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, tar mastics, textile cloth on ductwork, and vinyl floor tiles.

- 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

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.

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

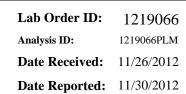
ASBESTOS ANALYTICAL REPORT



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: MUN Asbestos and Lead Survey QE II Library 02-02-00900

Sample ID	Description	Asbestos	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Aspestos	Components	Components	Treatment
02-02-900- S001 - A	Vinyl Sheet Flooring - Beige with Light Grey Flecks	None Detected		100% Other	Beige Non Fibrous Heterogeneous
1219066PLM_1	vinyl				Dissolved
02-02-900- S001 - B	Vinyl Sheet Flooring - Beige with Light Grey Flecks	None Detected	3% Cellulose	97% Other	Yellow, Gray Non Fibrous Heterogeneous
1219066PLM_47	mastic/leveling				Dissolved
02-02-900- S002	Drywall Joint Compound	None Detected		100% Other	White Non Fibrous Heterogeneous
1219066PLM_2					Teased
02-02-900- S003 - A	12"x 12" Vinyl Floor Tiles - White with Large Blue Flecks	None Detected		100% Other	White Non Fibrous Heterogeneous
1219066PLM_3	tile				Dissolved
02-02-900- S003 - B	12"x 12" Vinyl Floor Tiles - White with Large Blue Flecks	None Detected	3% Cellulose	97% Other	Yellow, Black Non Fibrous Heterogeneous
1219066PLM_48	mastic				Dissolved
02-02-900- S004	2'x 4' Acoustic Ceiling Tiles - Pinhole and Fleck Pattern	None Detected	40%Cellulose40%Fiber Glass	10%Perlite10%Other	White Fibrous Heterogeneous
1219066PLM_4	-				Teased
02-02-900- S005 - A	12"x 12" Vinyl Floor Tiles - Blue with Large Black Streaks	None Detected		100% Other	Blue Non Fibrous Heterogeneous
1219066PLM_5	tile				Dissolved
02-02-900- S005 - B	12"x 12" Vinyl Floor Tiles - Blue with Large Black Streaks	None Detected	3% Cellulose	97% Other	Black Non Fibrous Heterogeneous
1219066PLM_49	mastic				Dissolved

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 agenc

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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

Lab Order ID:	1219066
Analysis ID:	1219066PLM
Date Received:	11/26/2012
Date Reported:	11/30/2012

Project: MUN Asbestos and Lead Survey QE II Library 02-02-00900

Sample ID	Description	Asbestos		Fibrous		n-Fibrous	Attributes
Lab Sample ID	Lab Notes	ASUCSIUS	C	omponents	Cor	nponents	Treatment
02-02-900- S006	Drywall Joint Compound	None Detected			100%	Other	White Non Fibrous Heterogeneous
1219066PLM_6							Teased
02-02-900- S007	2'x 4' Acoustic Ceiling Tiles - Pinhole Pattern	None Detected	40% 40%	Cellulose Fiber Glass	10% 10%	Perlite Other	White Fibrous Heterogeneous
1219066PLM_7							Teased
02-02-900- S008	Red Duct Sealant	None Detected	8%	Cellulose	92%	Other	Red Non Fibrous Heterogeneous
1219066PLM_8	-						Dissolved
02-02-900- S009	Parging Cement	None Detected	30%	Fiber Glass	70%	Other	Gray Fibrous Heterogeneous
1219066PLM_9							Teased
02-02-900- S010 - A	12"x12" Vinyl Floor Tiles - Very Light Brown with Abundant Brown Flecks	None Detected			100%	Other	Brown Non Fibrous Heterogeneous
1219066PLM_10	— ile						Dissolved
02-02-900- S010 - B	12"x12" Vinyl Floor Tiles - Very Light Brown with Abundant Brown Flecks	None Detected	3%	Cellulose	97%	Other	Yellow, Black Non Fibrous Heterogeneous
1219066PLM_50	<i>mastic</i>						Dissolved
02-02-900- S011	2'x4' Acoustic Ceiling Tiles - Pinhole and Dense Fleck Pattern	None Detected	40% 40%	Cellulose Fiber Glass	10% 10%	Perlite Other	White Fibrous Heterogeneous
1219066PLM_11							Teased
02-02-900- S012	Grey Caulking on Ductwork	None Detected			100%	Other	Gray Non Fibrous Heterogeneous
1219066PLM_12	1						Dissolved

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Analysis ID:	1219066PLM
Date Received:	11/26/2012
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Project: MUN Asbestos and Lead Survey QE II Library 02-02-00900

Sample ID	Description	Asbestos	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Asucsius	Components	Components	Treatment
02-02-900- S013	2'x 4' Acoustic Ceiling Tiles - Pinhole Stipple Pattern	None Detected	40%Cellulose40%Fiber Glass	10%Perlite10%Other	White Fibrous Heterogeneous
1219066PLM_13					Teased
02-02-900- S014	Drywall Joint Compound	None Detected		100% Other	White Non Fibrous Heterogeneous
1219066PLM_14					Teased
02-02-900- S015 - A	12"x12" Vinyl Floor Tiles - Light Brown	None Detected		100% Other	Brown Non Fibrous Heterogeneous
1219066PLM_15	tile tile				Dissolved
02-02-900- S015 - B	12"x12" Vinyl Floor Tiles - Light Brown	None Detected		100% Other	Black Non Fibrous Heterogeneous
1219066PLM_51	mastic				Dissolved
02-02-900- S016 - A	12"x12" Vinyl Floor Tiles - Red	None Detected		100% Other	Red Non Fibrous Heterogeneous
1219066PLM_16	tile tile				Dissolved
02-02-900- S016 - B	12"x12" Vinyl Floor Tiles - Red	None Detected	3% Cellulose	97% Other	Black Non Fibrous Heterogeneous
1219066PLM_52	mastic				Dissolved
02-02-900- S017	2'x 2' Acoustic Ceiling Tiles - Pinhole and Fleck Pattern	None Detected	40%Cellulose40%Fiber Glass	10%Perlite10%Other	White Fibrous Heterogeneous
1219066PLM_17	1				Teased
02-02-900- S018 - A	12"x12" Vinyl Floor Tiles - Light Brown with Dark Blue and White Flecks	None Detected		100% Other	Brown Non Fibrous Heterogeneous
1219066PLM_18	— tile				Dissolved

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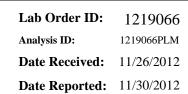
Nathaniel Durham, MS or Approved Signatory



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: MUN Asbestos and Lead Survey QE II Library 02-02-00900

Sample ID Lab Sample ID	Description Lab Notes	Asbestos	bestos Fibrous Components		Attributes Treatment
02-02-900- S018 - B 1219066PLM_53	12"x12" Vinyl Floor Tiles - Light Brown with Dark Blue and White Flecks mastic	None Detected	3% Cellulose	Components 97% Other	Black Non Fibrous Heterogeneous Dissolved
02-02-900- S019 - A 1219066PLM_19	12"x12" Vinyl Floor Tiles - Cream with Large Brown Flecks <i>tile</i>	None Detected		100% Other	Cream Non Fibrous Heterogeneous Dissolved
02-02-900- S019 - B 1219066PLM_54	12"x12" Vinyl Floor Tiles - Cream with Large Brown Flecks mastic	None Detected	3% Cellulose	97% Other	Black Non Fibrous Heterogeneous Dissolved
02-02-900- S020	Drywall Joint Compound	None Detected		100% Other	White Non Fibrous Heterogeneous
1219066PLM_20 02-02-900- S021 - A 1219066PLM_21	Vinyl Sheet Flooring - Cream	None Detected		100% Other	Teased Cream Non Fibrous Heterogeneous Dissolved
02-02-900- S021 - B 1219066PLM_55	Vinyl Sheet Flooring - Cream mastic	None Detected	5% Cellulose	95% Other	Yellow Non Fibrous Heterogeneous Dissolved
02-02-900- S022 1219066PLM_22	Tar Mastic On Pipe Elbows	20% Chrysotile		80% Other	Black Fibrous Heterogeneous Dissolved
02-02-900- S023 - A 1219066PLM_23	12"x12" Vinyl Floor Tiles - Cream tile	None Detected		100% Other	Cream Non Fibrous Heterogeneous Dissolved

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Sample ID Lab Sample ID	Description Lab Notes	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes Treatment
02-02-900- S023 - B	12"x12" Vinyl Floor Tiles - Cream	None Detected	3% Cellulose	97% Other	Black Non Fibrous Heterogeneous
1219066PLM_56	— mastic				Dissolved
02-02-900- S024	2'x 2' Acoustic Ceiling Tiles - Pinhole Stipple Pattern	None Detected	40%Cellulose40%Fiber Glass	10%Perlite10%Other	White Fibrous Heterogeneous
1219066PLM_24	-				Teased
02-02-900- S025	Drywall Joint Compound	3% Chrysotile		97% Other	White Non Fibrous Heterogeneous
1219066PLM_25	-				Teased
02-02-900- S026	2'x 2' Acoustic Ceiling Tiles - Pinhole Pattern	None Detected	40%Cellulose40%Fiber Glass	10%Perlite10%Other	White Fibrous Heterogeneous
1219066PLM_26					Teased
02-02-900- S027	Drywall Joint Compound	None Detected		100% Other	White Non Fibrous Heterogeneous
1219066PLM_27	-				Teased
02-02-900- S028	2'x 4' Acoustic Ceiling Tiles - Pinhole and Hole Pattern	None Detected	35%Cellulose35%Fiber Glass5%Wollastonite	25% Other	White Fibrous Heterogeneous
1219066PLM_28					Teased
02-02-900- S029 - A	12"x12" Vinyl Floor Tiles - Burgandy with Light Burgandy and White Flecks	None Detected		100% Other	Red Non Fibrous Heterogeneous
1219066PLM_29	— tile				Dissolved
02-02-900- S029 - B	12"x12" Vinyl Floor Tiles - Burgandy with Light Burgandy and White Flecks	None Detected	3% Cellulose	97% Other	Black Non Fibrous Heterogeneous
1219066PLM_57	mastic				Dissolved

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Ired Gulley (62)

Analyst

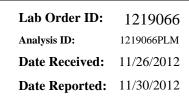
Nathaniel Durham, MS or Approved Signatory



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: MUN Asbestos and Lead Survey QE II Library 02-02-00900

Sample ID	Description	Asbestos	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes		Components	Components	Treatment
02-02-900- S030 - A	12"x12" Vinyl Floor Tiles - White with Grey Flecks	None Detected		100% Other	White Non Fibrous Heterogeneous
1219066PLM_30	— tile				Dissolved
02-02-900- S030 - B	12"x12" Vinyl Floor Tiles - White with Grey Flecks	None Detected	3% Cellulose	97% Other	Black Non Fibrous Heterogeneous
1219066PLM_58	— mastic				Dissolved
02-02-900- S031	Gold colored Tar Mastic On Sink Liner	5% Chrysotile		95% Other	Silver Non Fibrous Heterogeneous
1219066PLM_31	-				Dissolved
02-02-900- S032	Transite Sheeting	20% Chrysotile		80% Other	Gray Fibrous Heterogeneous
1219066PLM_32	-				Teased
02-02-900- S033	Drywall Joint Compound	None Detected		100% Other	White Non Fibrous Heterogeneous
1219066PLM_33					Teased
02-02-900- S034	Transite Countertop	15% Chrysotile		85% Other	Black Fibrous Heterogeneous
1219066PLM_34					Teased
02-02-900- S035 - A	12"x12" Vinyl Floor Tiles - Beige with Brown and Blue Specks	None Detected		100% Other	White Non Fibrous Heterogeneous
1219066PLM_35	tile tile				Dissolved
02-02-900- S035 - B	12"x12" Vinyl Floor Tiles - Beige with Brown and Blue Specks	None Detected	3% Cellulose	97% Other	Black Non Fibrous Heterogeneous
1219066PLM_59	mastic				Dissolved

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Ired Gulley (62)

Analyst

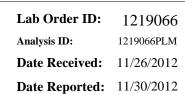
Nathaniel Durham, MS or Approved Signatory



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: MUN Asbestos and Lead Survey QE II Library 02-02-00900

Sample ID	Description	Asbestos	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	1255 05 05	Components	Components	Treatment
02-02-900- S036	12"x12" Vinyl Floor Tiles - White with brown streaks	3% Chrysotile		97% Other	White Non Fibrous Heterogeneous
1219066PLM_36	tile only				Dissolved
02-02-900- S037 - A	12"x12" Vinyl Floor Tiles - White with Black streaks	None Detected		100% Other	White Non Fibrous Heterogeneous
1219066PLM_37	tile				Dissolved
02-02-900- S037 - B	12"x12" Vinyl Floor Tiles - White with Black streaks	None Detected	3% Cellulose	97% Other	Black Non Fibrous Heterogeneous
1219066PLM_60	mastic				Dissolved
02-02-900- S038	2'x 4' Acoustic Ceiling Tiles - Small Fissure and Fleck Pattern	None Detected	40%Cellulose40%Fiber Glass	10%Perlite10%Other	White Fibrous Heterogeneous
1219066PLM_38					Teased
02-02-900- S039 - A	12"x12" Vinyl Floor Tiles - Grey with Abundant White and Brown Flecks	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1219066PLM_39	tile tile				Dissolved
02-02-900- S039 - B	12"x12" Vinyl Floor Tiles - Grey with Abundant White and Brown Flecks	None Detected	5% Cellulose	95% Other	Black Non Fibrous Heterogeneous
1219066PLM_61	mastic				Dissolved
02-02-900- S040	Tar Paper Jacket On Ductwork	None Detected	70% Cellulose	30% Other	Black Fibrous Heterogeneous
1219066PLM_40	1				Dissolved, Teased
02-02-900- S041 - A	12"x12" Vinyl Floor Tiles - Grey with Dark Grey and White Flecks	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1219066PLM_41	tile				Dissolved

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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

 Lab Order ID:
 1219066

 Analysis ID:
 1219066PLM

 Date Received:
 11/26/2012

 Date Reported:
 11/30/2012

Project: MUN Asbestos and Lead Survey QE II Library 02-02-00900

Sample ID	Description	Asbestos	Fibrous	Non-Fibrous	Attributes
Lab Sample ID	Lab Notes	Aspestos	Components	Components	Treatment
02-02-900- S041 - B	12"x12" Vinyl Floor Tiles - Grey with Dark Grey and White Flecks	None Detected	3% Cellulose	97% Other	Black Non Fibrous Heterogeneous
1219066PLM_62	mastic				Dissolved
02-02-900- S042	Drywall Joint Compound	None Detected		100% Other	White Non Fibrous Heterogeneous
1219066PLM_42	-				Teased
02-02-900- S043	Drywall Joint Compound	None Detected		100% Other	White Non Fibrous Heterogeneous
1219066PLM_43	1				Teased
02-02-900- S044	Jacket On Ductwork	70% Chrysotile		30% Other	Gray Fibrous Heterogeneous
1219066PLM_44	-				Teased
02-02-900- S045	Drywall Joint Compound	None Detected		100% Other	White Non Fibrous Heterogeneous
1219066PLM_45					Teased
02-02-900- S046	Parging Cement	None Detected	30% Fiber Glass	70% Other	Gray Fibrous Heterogeneous
1219066PLM_46	1				Teased

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Analyst

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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:	1308150
	27 Austin St		Paul Staeben	Analysis ID:	1308150_PLM
	2nd Flr St Johns NL A1B 4C3			Date Received:	5/2/2013
Project: ()	2-02-00900; MUN Asbestos and Lead			Date Reported:	5/7/2013

Survey

Sample ID Lab Sample ID	Description Lab Notes	Asbestos	Fibrous Components	Non-Fibrous Components	Attributes Treatment
02-02-900- S047	Tank Insulation	None Detected	30% Fiber Glass	70% Other	Gray Fibrous Heterogeneous
1308150PLM_1	-				Teased
02-02-900- S048	2x2 Acoustic Ceiling Tiles - Pinhole and fissure	None Detected	45% Cellulose 45% Fiber Glass	10% Other	White Fibrous Heterogeneous
1308150PLM_2	-				Teased
02-02-900- S049 - A	Vinyl Sheet Flooring - Light Grey Stone	None Detected		100% Other	Gray Non Fibrous Heterogeneous
1308150PLM_3	vinyl				Dissolved
02-02-900- S049 - B	Vinyl Sheet Flooring - Light Grey Stone	None Detected	3% Cellulose	97% Other	Yellow Non Fibrous Heterogeneous
1308150PLM_4	mastic				Dissolved

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Ired Gulley (4)

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



	Dawn Benteau	Lab Order ID:	1219065
27 Austin St 2nd Flr	Paul Staeben	Analysis ID:	1219065_PBP
St Johns NL A1B 4C3		Date Received:	
Project: MuN Ashestos and Lead Survey: 02-02-		Date Reported:	11/30/2012

Project: MuN Asbestos and Lead Survey; 02-02-00900 QE II Library

Sample ID	Description	Mass	Analytical Sensitivity	Concentration	
Lab Sample ID	Lab Notes	(g)	(% by weight)	(% by weight)	
02-02-900-L001	White	0.0359	0.004%	< 0.011%	
1219065PBP_1					
02-02-900-L002	Grey	0.0574	0.002%	< 0.007%	
1219065PBP_2					
02-02-900-L003	Orange	0.0650	0.002%	1.1%	
1219065PBP_3					
02-02-900-L004	Blue	0.0567	0.002%	< 0.007%	
1219065PBP_4		0.0507	0.00270	< 0.007 /0	
02-02-900-L005	Dark green	0.0764	0.002%	0.008%	
1219065PBP_5					
02-02-900-L006	Red	0.0525	0.003%	< 0.008%	
1219065PBP_6		0.0020	0100270		
02-02-900-L007	Light brown	0.0387	0.003%	< 0.010%	
1219065PBP_7		0.0507	0.00370	< 0.010 /0	
02-02-900-L008	Dark blue	0.0747	0.002%	0.007%	
1219065PBP_8		0.0747	0.00270	0.007 /0	
02-02-900-L009	Brown	0.0664	0.002%	0.006%	
1219065PBP_9		0.0004	0.00270	0.000 /0	
02-02-900-L010	Dark grey	0.0673	0.002%	0.0280/	
1219065PBP_10		0.0073	0.002%	0.028%	

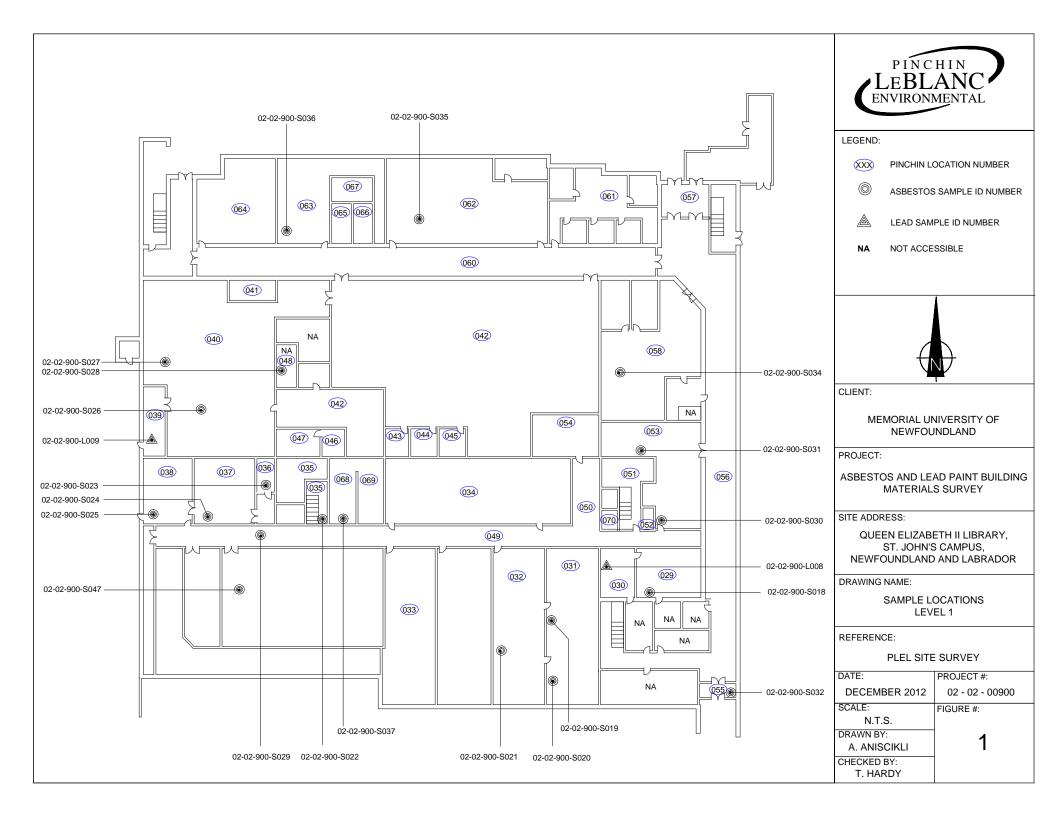
The quality control samples run with the samples in this report have passed all AIHA required specifications unless otherwise noted. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by AIHA or any other agency of the U.S. government.

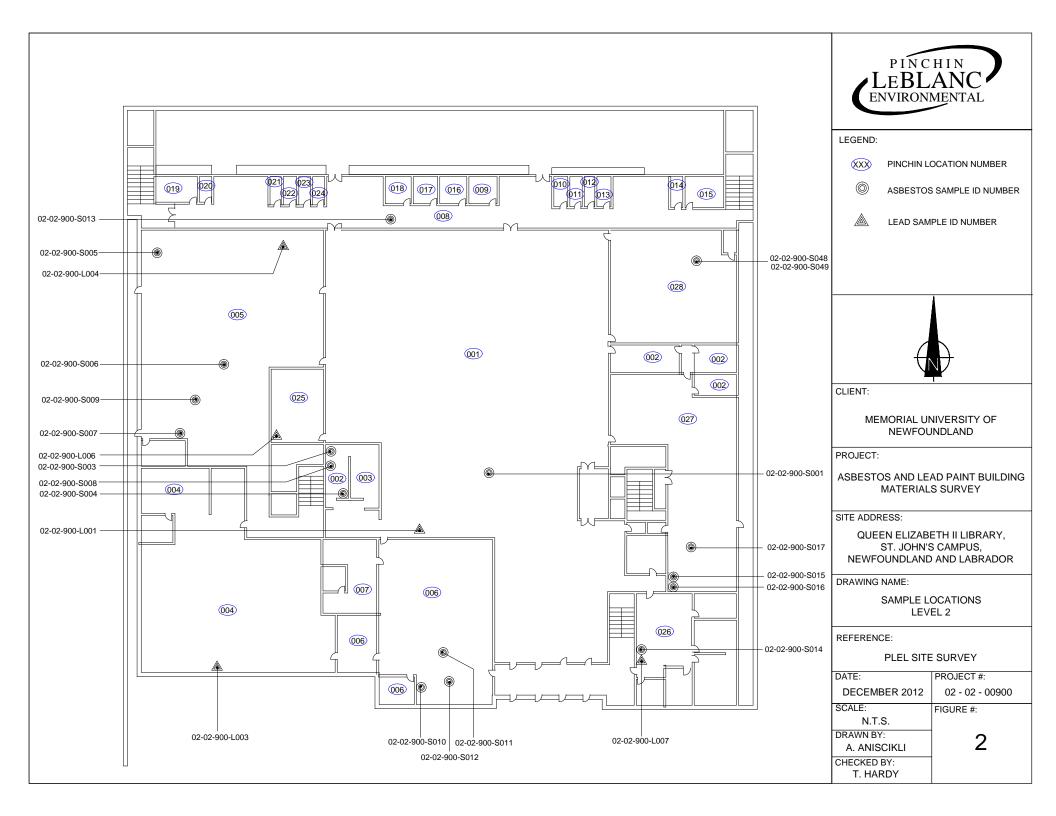
Robert Duke (10)

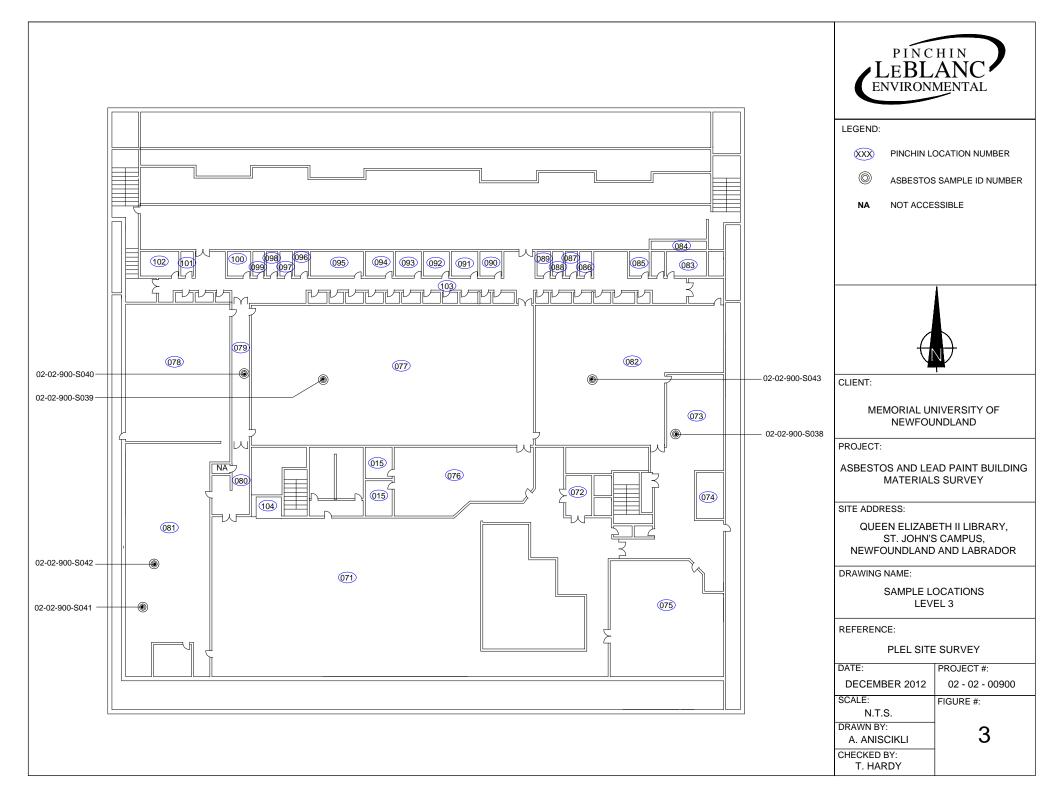
Analyst

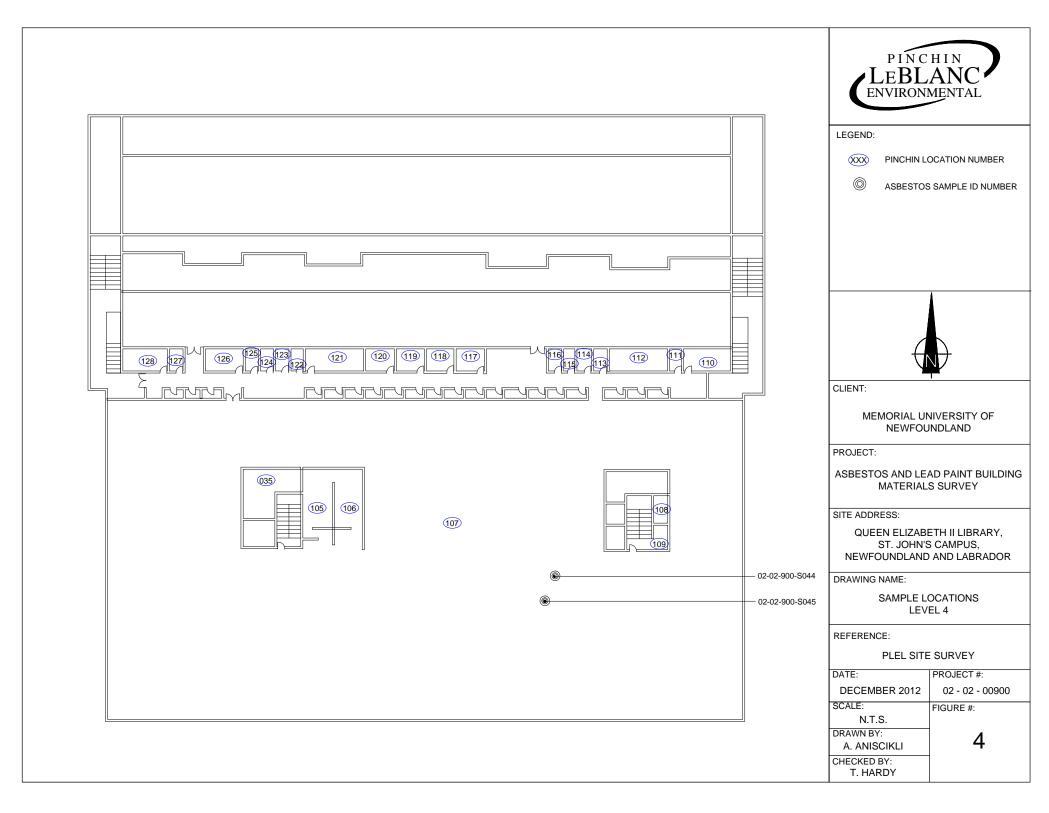
APPENDIX III

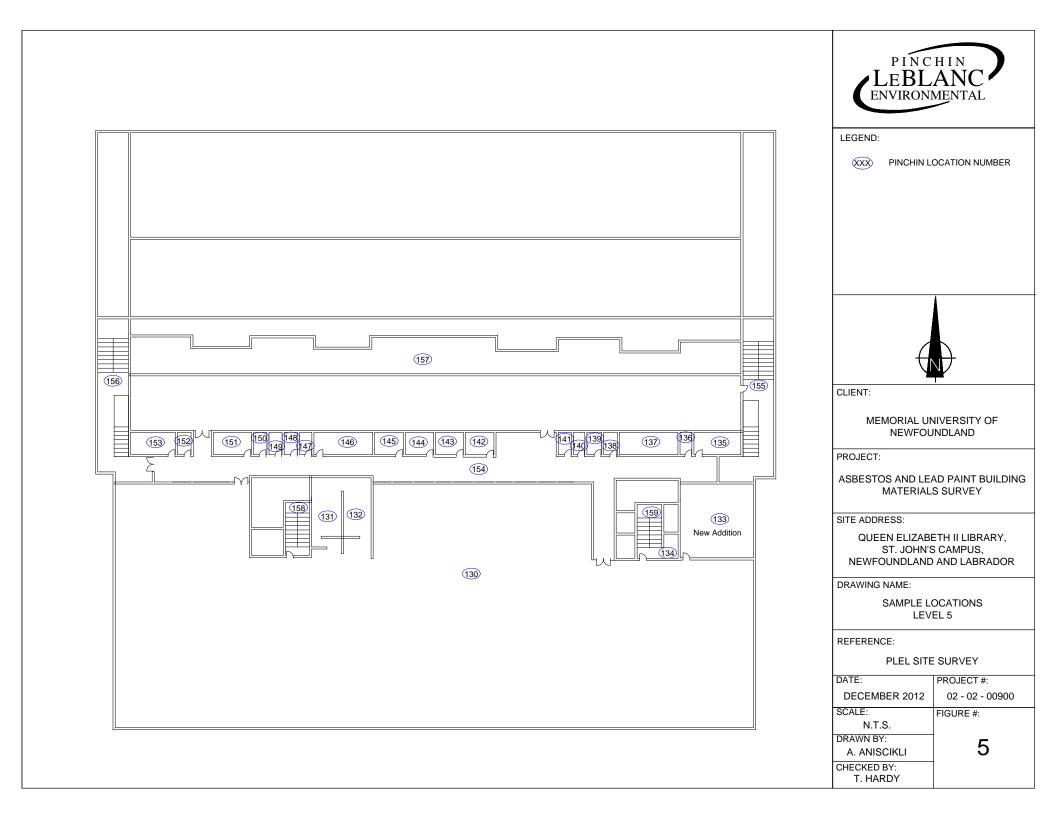
SITE DRAWINGS

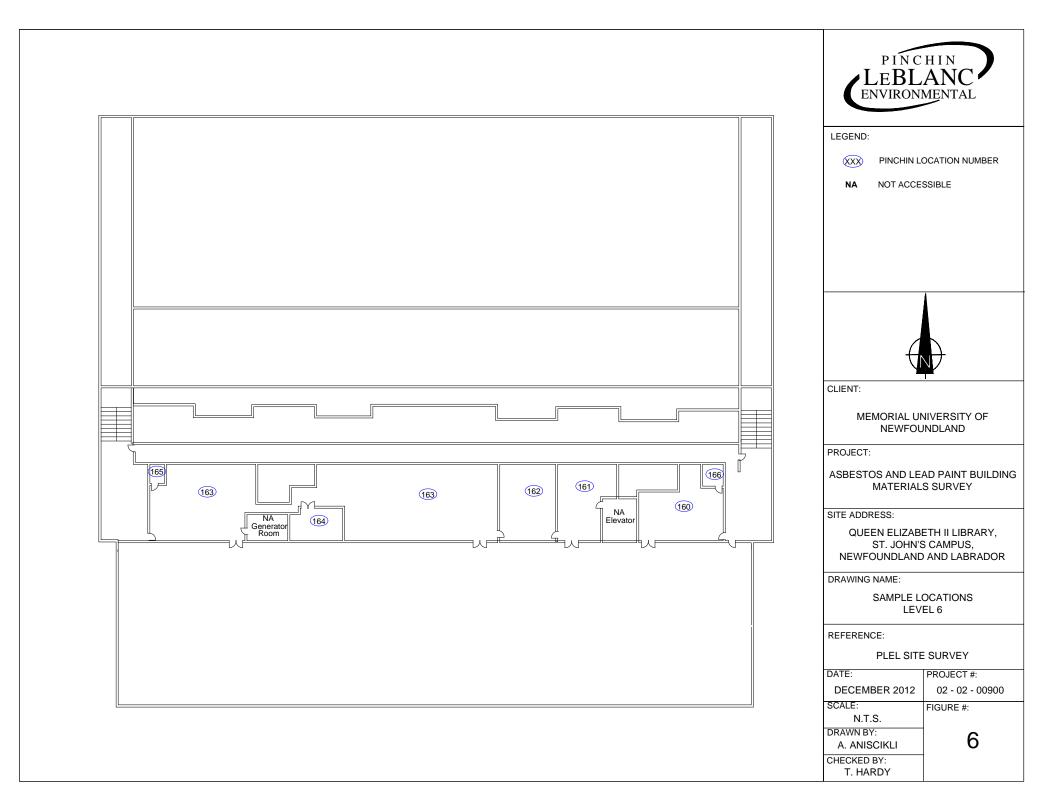












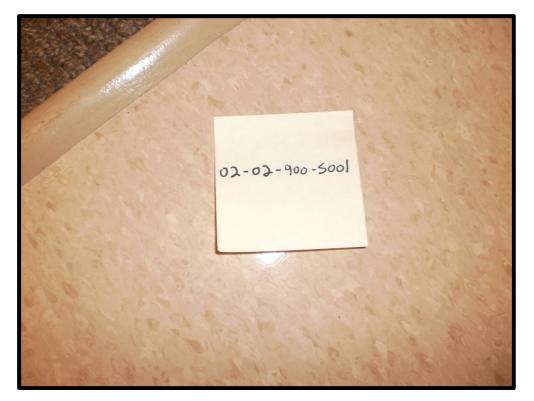
APPENDIX IV

SAMPLE LOG



ASBESTOS BULK SAMPLING FORM

UNIVERSIT	Y					
Sample #:	S001	Date Sampled:	October 1, 2012	2		
Building :	QE II Library	Sampler:	Andy Mitchell			
Location:	001, room L2017	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	\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	with light grey flecks		





ASBESTOS BULK SAMPLING FORM

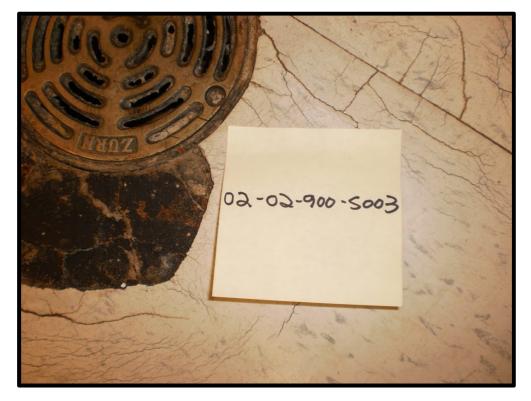
UNIVERSIT	Y					
Sample #:	S002	Date Sampled:	October 1, 2012			
Building :	QE II Library	Sampler:	Andy Mitchell			
Location:	001, room L2017	Analysis:	SAI - PLM			
MUN Project #:	02-02-900	Work Order #:				
Bulk Sampling Parameters						
Pipe/Tank	Flooring	Ceiling	Roofing	Location		
□ Insulation	□12'x12' 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:			



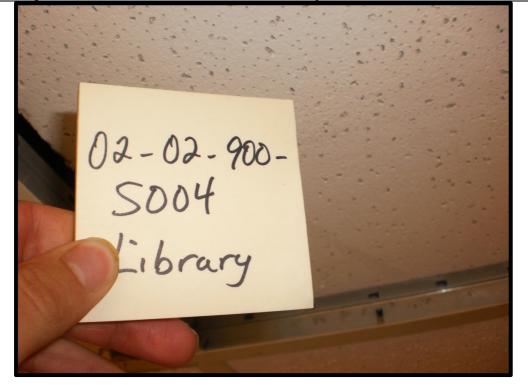


ASBESTOS BULK SAMPLING FORM

UNIVERSIT	Y					
Sample #:	S003	Date Sampled:	October 1, 2012			
Building :	QE II Library	Sampler:	Andy Mitchell			
Location:	002, room L2021	Analysis:	SAI - PLM			
MUN Project #:	02-02-900	Work Order #:				
Bulk Sampling Parameters						
Pipe/Tank	Flooring	Ceiling	Roofing	Location		
□ Insulation	X 12'x12' Tile	□ Textured	□ Shingle	X Floor		
\Box 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	□ 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: White	with large blue fleck		

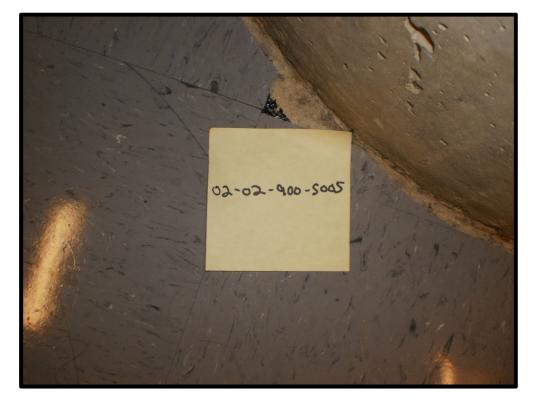


ASBESTOS BULK SAMPLING FORM							
Sample #:	S004	Date Sampled:	October 1, 2012	October 1, 2012			
Building :	QE II Library	Sampler:	Andy Mitchell	Andy Mitchell			
Location:	002, room L2021	Analysis:	SAI - PLM	SAI - PLM			
MUN Project #:	02-02-900	Work Order #:					
Bulk Sampling Parameters							
Pipe/Tank	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-or	n)				
HVAC	□ Plaster	□ Mastic	Miscellaneous:	2' x 4' pinhole fleck			
□ Insulation	DWJC	Structural					
□ Tape		□ Steel F. P. ing	No. of Phases:				
□ Paper Wrap		Deck F. P. ing	Colour:				



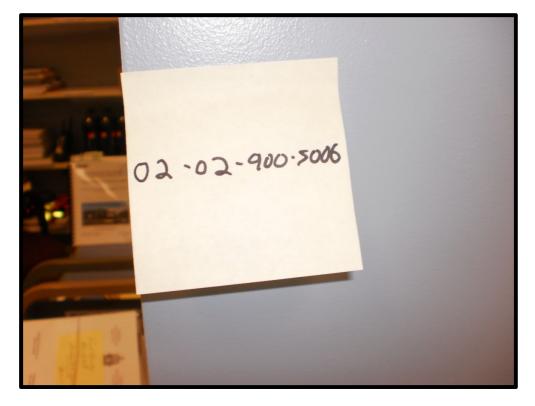


UNIVERSIT	Y				
Sample #:	S005		Date Sampled:	October 1, 2012	
Building :	QE II Library		Sampler:	Andy Mitchell	
Location:	005, room L2018		Analysis:	SAI - PLM	
MUN Project #:	02-02-900		Work Order #:		
Bulk Sampling Parameters					
Pipe/Tank	Flooring		Ceiling	Roofing	Location
□ Insulation	X12'x12' Tile	ΠT	extured	□ Shingle	X Floor
□ Elbow	□ 9'x9'Tile	\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		□ 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			teel F. P. ing	No. of Phases:	
□ Paper Wrap		$\Box D$	eck F. P. ing	Colour: Blue w	ith large black fleck



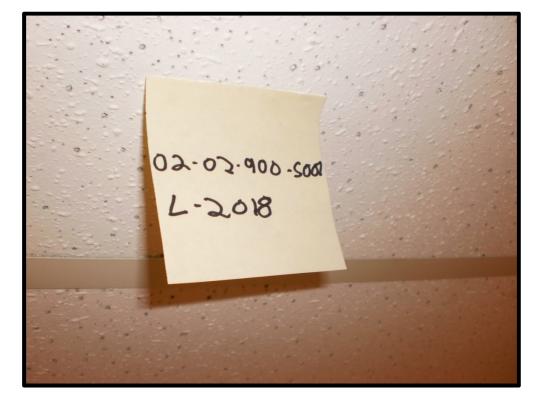


UNIVERSIT	Y			
Sample #:	S006	Date Sampled:	October 1, 2012	
Building :	QE II Library	Sampler:	Andy Mitchell	
Location:	005, room L2018	Analysis:	SAI - PLM	
MUN Project #:	02-02-900	Work Order #:		
Bulk Sampling Parameters				
Pipe/Tank	Flooring	Ceiling	Roofing	Location
□ Insulation	□12'x12' Tile	□ Textured	□ 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	\Box 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:	



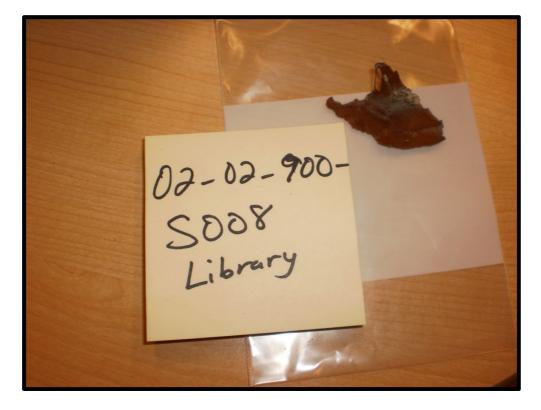


UNIVERSIT	Y				
Sample #:	S007		Date Sampled:	October 1, 2012	
Building :	QE II Library		Sampler:	Andy Mitchell	
Location:	005, room L2018		Analysis:	SAI - PLM	
MUN Project #:	02-02-900		Work Order #:		
Bulk Sampling Parameters					
Pipe/Tank	Flooring		Ceiling	Roofing	Location
□ Insulation	□12'x12' Tile	ΠT	extured	□ Shingle	□ Floor
□ Elbow	□ 9'x9'Tile	$\Box S$	tucco	□ 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	ΧA	coustic Tile (Dropped)		
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)		
HVAC	□ Plaster	$\Box N$	lastic	Miscellaneous:	2' x 4' pinhole
□ Insulation	DWJC		Structural		
□ Tape			teel F. P. ing	No. of Phases:	
□ Paper Wrap		\Box D	eck F. P. ing	Colour:	



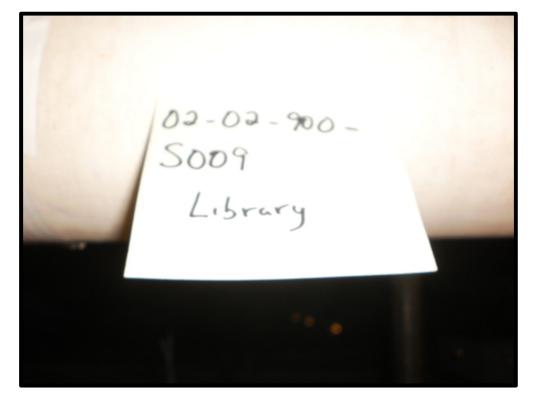
MEMORIAL
LINIVERSITY

UNIVERSIT	Y			
Sample #:	S008	Date Sampled:	October 1, 2012	2
Building :	QE II Library	Sampler:	Andy Mitchell	
Location:	room 2051	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	X 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:	Red duct sealant
□ Insulation	DWJC	Structural		
□ Tape		□ Steel F. P. ing	No. of Phases:	
□ Paper Wrap		Deck F. P. ing	Colour:	





UNIVERSIT	Y			
Sample #:	S009	Date Sampled:	October 1, 2012	
Building :	QE II Library	Sampler:	Andy Mitchell	
Location:	005, 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
X 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	□ 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:	





UNIVERSIT	Y				
Sample #:	S010		Date Sampled:	October 2, 2012	
Building :	QE II Library		Sampler:	Trent Hardy	
Location:	006, room L2024		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
\Box 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		□ 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		DD	eck F. P. ing	Colour: <u>Very li</u> <u>brown fleck</u>	ght brown with dark



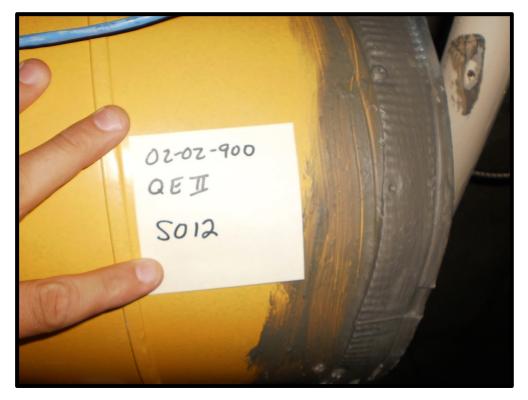


UNIVERSIT	Y				
Sample #:	S011		Date Sampled:	October 2, 2012	2
Building :	QE II Library		Sampler:	Trent Hardy	
Location:	006, room L2024		Analysis:	SAI - PLM	
MUN Project #:	02-02-900		Work Order #:		
	Bulk Sampling Parameters				
Pipe/Tank	Flooring		Ceiling	Roofing	Location
□ Insulation	□12'x12' Tile	ΠT	extured	□ Shingle	□ Floor
□ Elbow	□ 9'x9'Tile	\Box S	tucco	□ Rolled	□ Wall Orientation
□ Fitting	□ Vinyl Sheet	$\Box P$	opcorn	□ Felt	X Ceiling
□ Transite Pipe	□ Mastic	$\Box D$	OWJC	🗆 Tar	□ Above Ceiling
□ Gasket	Wall	$\Box P$	laster		□ Other
□ Tank Insulation	□ Transite Panel	ΧA	coustic Tile (Dropped)		
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)		
HVAC	□ Plaster	$\Box N$	Iastic	Miscellaneous: dense	2' x 4' pinhole fleck
□ Insulation	□ DWJC		Structural		
□ Tape			teel F. P. ing	No. of Phases:	
□ Paper Wrap		$\Box D$	Deck F. P. ing	Colour:	





UNIVERSIT	Y			
Sample #:	S012	Date Sampled:	October 2, 2012	2
Building :	QE II Library	Sampler:	Trent Hardy	
Location:	006, room L2024	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	X 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:	Grey duct sealant
□ Insulation	DWJC	Structural		
□ Tape		□ Steel F. P. ing	No. of Phases:	
□ Paper Wrap		Deck F. P. ing	Colour:	





UNIVERSIT	Y				
Sample #:	S013		Date Sampled:	October 2, 2012	2
Building :	QE II Library		Sampler:	Trent Hardy	
Location:	008, room L2000A		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	□ 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	ΧA	coustic Tile (Dropped)		
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)		
HVAC	□ Plaster	$\Box N$	lastic	Miscellaneous: stipple	2' x 4' pinhole
□ Insulation	□ DWJC		Structural		
□ Tape			teel F. P. ing	No. of Phases:	
□ Paper Wrap		$\Box D$	eck F. P. ing	Colour:	





UNIVERSIT	Y			
Sample #:	S014	Date Sampled:	October 2, 2012	
Building :	QE II Library	Sampler:	Trent Hardy	
Location:	026, room L2025	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	\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	□ 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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UNIVERSII	Y					
Sample #:	S015	Date Sampled:	October 2, 2012			
Building :	QE II Library	Sampler:	Trent Hardy			
Location:	027, room L2027	Analysis:	SAI - PLM			
MUN Project #:	02-02-900	Work Order #:				
Bulk Sampling Parameters						
Pipe/Tank	Flooring	Ceiling	Roofing	Location		
□ Insulation	X 12'x12' Tile	□ Textured	□ 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	□ 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: <u>Light b</u>	<u>prown</u>		



UNIVERSIT	Y			
Sample #:	S016	Date Sampled:	October 2, 2012	
Building :	QE II Library	Sampler:	Trent Hardy	
Location:	027, room L2027	Analysis:	SAI - PLM	
MUN Project #:	02-02-900	Work Order #:		
		Bulk Sampling Parameters		
Pipe/Tank	Flooring	Ceiling	Roofing	Location
□ Insulation	X12'x12' Tile	□ Textured	□ 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	□ 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: Red	





UNIVERSII	Y				
Sample #:	S017		Date Sampled:	October 2, 2012	2
Building :	QE II Library		Sampler:	Trent Hardy	
Location:	027, room L2027		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	□ Stucco		□ 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	ΧA	coustic Tile (Dropped)		
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)		
HVAC	□ Plaster	□ Mastic		Miscellaneous: <u>2' x 2' pinhole</u>	
□ Insulation	DWJC		Structural	fleck_	
		\Box S	teel F. P. ing	No. of Phases:	
□ Paper Wrap			eck F. P. ing	Colour:	





UNIVERSIT	Y				
Sample #:	S018		Date Sampled:	October 2, 2012	
Building :	QE II Library		Sampler:	Trent Hardy	
Location:	029, room L1003		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	$\Box P$	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	□ DWJC		Structural		
□ Tape		$\Box S$	teel F. P. ing	No. of Phases:	
□ Paper Wrap		DD	eck F. P. ing	Colour: <u>Light b</u> and white fleck	brown with dark blue





UNIVERSII	Y				
Sample #:	S019		Date Sampled:	October 2, 2012	
Building :	QE II Library		Sampler:	Trent Hardy	
Location:	031, room 1005A		Analysis:	SAI - PLM	
MUN Project #:	02-02-900		Work Order #:		
		Bulk	Sampling Parameters		
Pipe/Tank	Flooring		Ceiling	Roofing	Location
□ Insulation	X 12'x12' Tile	ΠT	extured	□ Shingle	X Floor
□ Elbow	□ 9'x9'Tile	□ Stucco		□ 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		□ 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		DD	eck F. P. ing	Colour: <u>Cream</u> <u>flecks</u>	with large brown





UNIVERSIT	Y			
Sample #:	S020	Date Sampled:	October 2, 2012	2
Building :	QE II Library	Sampler:	Trent Hardy	
Location:	031, room L1005A	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	\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	\Box 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:	





UNIVERSII	Y			
Sample #:	S021	Date Sampled:	October 2, 2012	
Building :	QE II Library	Sampler:	Trent Hardy	
Location:	031, room L1005	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: Cream	





UNIVERSIT	Y			
Sample #:	S022	Date Sampled:	October 2, 2012	2
Building :	QE II Library	Sampler:	Trent Hardy	
Location:	035, room 1010A	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		□ Other
□ Tank Insulation	□ Transite Panel	□ Acoustic Tile (Dropped)		
□ Pipe Wrap	□ Textured Wall	□ Acoustic Tile (Glued-on)		
HVAC	□ Plaster	□ Mastic	Miscellaneous: Tar mastic	
□ Insulation	DWJC	Structural		
□ Tape		□ Steel F. P. ing	No. of Phases:	
□ Paper Wrap		Deck F. P. ing	Colour:	





UNIVERSIT	Y			
Sample #:	S023	Date Sampled:	October 3, 2012	2
Building :	QE II Library	Sampler:	Trent Hardy	
Location:	036, room L1009C	Analysis:	SAI - PLM	
MUN Project #:	02-02-900	Work Order #:		
		Bulk Sampling Parameters		
Pipe/Tank	Flooring	Ceiling	Roofing	Location
□ Insulation	X12'x12' Tile	□ Textured	□ Shingle	X Floor
\Box 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	□ 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: Cream	





UNIVERSIT	Y				
Sample #:	S024		Date Sampled:	October 3, 2012	2
Building :	QE II Library		Sampler:	Trent Hardy	
Location:	037, room L1009		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	□ Stucco		□ Rolled	□ Wall Orientation
□ Fitting	□ Vinyl Sheet	□ Popcorn		□ Felt	X Ceiling
□ Transite Pipe	□ Mastic	$\Box D$	WJC	🗆 Tar	□ Above Ceiling
□ Gasket	Wall	$\Box P$	laster		□ Other
□ Tank Insulation	□ Transite Panel	ΧA	coustic Tile (Dropped)		
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)		
HVAC	□ Plaster	$\Box N$	Iastic	Miscellaneous: <u>2' x 2' pinhole</u> stipple	
□ Insulation	DWJC		Structural		
□ Tape		\Box S	teel F. P. ing	No. of Phases:	
□ Paper Wrap		\Box D	eck F. P. ing	Colour:	



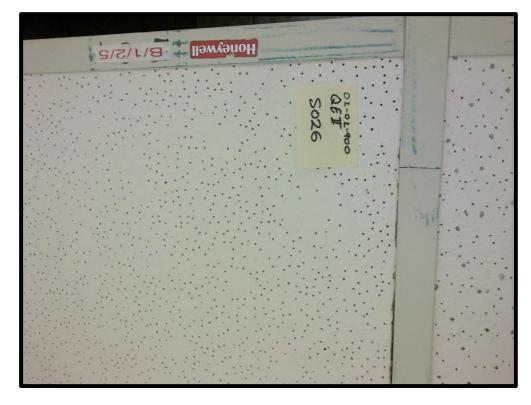


UNIVERSII	Y				
Sample #:	S025		Date Sampled:	October 3, 2012	
Building :	QE II Library		Sampler:	Trent Hardy	
Location:	038, room 1009A		Analysis:	SAI - PLM	
MUN Project #:	02-02-900		Work Order #:		
		Bulk	Sampling Parameters		
Pipe/Tank	Flooring		Ceiling	Roofing	Location
□ Insulation	□12'x12' Tile	\Box T	extured	□ Shingle	□ Floor
□ Elbow	□ 9'x9'Tile	□ Stucco		□ Rolled	X Wall Orientation
□ Fitting	□ Vinyl Sheet	□ Popcorn		□ Felt	□ Ceiling
□ Transite Pipe	□ Mastic	$\Box D$	WJC	🗆 Tar	□ Above Ceiling
□ Gasket	Wall	$\square P$	aster		□ Other
□ Tank Insulation	□ Transite Panel	$\Box A$	coustic Tile (Dropped)		
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)		
HVAC	□ Plaster	$\Box N$	lastic	Miscellaneous:	
□ Insulation	X DWJC		Structural		
□ Tape			teel F. P. ing	No. of Phases:	
□ Paper Wrap		$\Box D$	eck F. P. ing	Colour:	





UNIVERSIT	Y			
Sample #:	S026	Date Sampled:	October 3, 2012	2
Building :	QE II Library	Sampler:	Trent Hardy	
Location:	040, room 1014H	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	\Box Acoustic Tile (Glued-on)		
HVAC	□ Plaster	□ Mastic	Miscellaneous: 2' x 2' pinhole	
□ Insulation	□ DWJC	Structural		
□ Tape		□ Steel F. P. ing	No. of Phases:	
□ Paper Wrap		Deck F. P. ing	Colour:	





UNIVERSII	Y							
Sample #:	S027	Date Sampled:	October 3, 2012	2				
Building :	QE II Library	Sampler:	Trent Hardy					
Location:	045, room 1014A	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				
\Box 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:					





UNIVERSIT	Y							
Sample #:	S028	Date Sampled:	October 3, 2012	2				
Building :	QE II Library	Sampler:	Trent Hardy					
Location:	048, room 1014G	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 4'pinhole					
□ Insulation	DWJC	Structural						
□ Tape		□ Steel F. P. ing	No. of Phases:					
□ Paper Wrap		Deck F. P. ing	Colour:					



MEMORIA UNIVERSIT		ASB	ESTOS BULK SA	MPLING F	ORM		
Sample #:	S029		Date Sampled:	October 3, 2012	2		
Building :	QE II Library		Sampler:	Trent Hardy			
Location:	Room L1C05		Analysis:	SAI - PLM			
MUN Project #:	02-02-900		Work Order #:				
Bulk Sampling Parameters							
Pipe/Tank	Flooring	Ceiling		Roofing	Location		
□ Insulation	X12'x12' Tile	□ Textured		□ Shingle	X 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		□ 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		DD	eck F. P. ing	Colour: <u>Burgundy with light</u> <u>burgundy and white fleck</u>			



MEMORIA UNIVERSIT		ASB	ESTOS BULK SA	MPLING F	ORM		
Sample #:	S030		Date Sampled:	October 3, 2012	2		
Building :	QE II Library		Sampler:	Trent Hardy			
Location:	Room L1012A		Analysis:	SAI - PLM			
MUN Project #:	02-02-900	2-900 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	$\Box D$	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		with grey speck		



MEMORIA UNIVERSIT		ASBESTOS BULK SA	MPLING F	ORM			
Sample #:	S031	Date Sampled:	October 3, 2012	2			
Building :	QE II Library	Sampler:	Trent Hardy				
Location:	Room L1013	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		□ Other			
□ Tank Insulation	□ Transite Panel	□ Acoustic Tile (Dropped)					
□ Pipe Wrap	□ Textured Wall	□ Acoustic Tile (Glued-on)					
HVAC	□ Plaster	□ Mastic	Miscellaneous: <u>Gold mastic on</u> bottom of the sink				
□ Insulation	DWJC	Structural					
□ Tape		□ Steel F. P. ing	No. of Phases:				
□ Paper Wrap		Deck F. P. ing	Colour:				



MEMORIA UNIVERSIT		ASBEST	TOS BULK S	SAMPLING F	FORM		
Sample #:	S032	Dat	e Sampled:	October 3, 201	12		
Building :	QE II Library	San	pler:	Trent Hardy			
Location:	Room L1V01	Ana	lysis:	SAI - PLM			
MUN Project #:	02-02-900	Wo	rk Order #:				
Bulk Sampling Parameters							
Pipe/Tank	Flooring	Ceiling		Roofing	Location		
□ Insulation	□12'x12' Tile	□ Textur	ed	□ Shingle	□ Floor		
□ Elbow	□ 9'x9'Tile	□ Stucco		□ Rolled	□ Wall Orientation		
□ Fitting	□ Vinyl Sheet	Popcor	'n	□ Felt	X Ceiling		
□ Transite Pipe	□ Mastic	DWJC		🗆 Tar	□ Above Ceiling		
□ Gasket	Wall	□ Plaster			□ Other		
□ Tank Insulation	□ Transite Panel	□ Acous	tic Tile (Dropped))			
□ Pipe Wrap	□ Textured Wall	□ Acous	tic Tile (Glued-on	ı)			
HVAC	□ Plaster			Miscellaneou	s: Transite		
□ Insulation	DWJC		Structural				
□ Tape		□ Steel F	. P. ing	No. of Phases	:		
□ Paper Wrap		Deck I	F. P. ing	Colour:			



MEMORIA UNIVERSIT		ASB	ESTOS BULK SA	MPLING F	ORM		
Sample #:	S033		Date Sampled:	October 3, 2012			
Building :	QE II Library		Sampler:	Trent Hardy			
Location:	Room 1C01		Analysis:	SAI - PLM			
MUN Project #:	02-02-900	02-900 Work Order #:					
Bulk Sampling Parameters							
Pipe/Tank	Flooring	Ceiling		Roofing	Location		
□ Insulation	□12'x12' Tile	$\Box T$	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	ΧD	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:			



MEMORIA UNIVERSIT		ASBESTOS BULK	SAMPLING F	ORM			
Sample #:	S034	Date Sampled:	October 3, 2012	2			
Building :	QE II Library	Sampler:	Trent Hardy				
Location:	Room L1013C	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	\Box Rolled	□ Wall Orientation			
□ Fitting	□ Vinyl Sheet	□ Popcorn	□ Felt	□ Ceiling			
□ Transite Pipe	□ Mastic	DWJC	🗆 Tar	□ Above Ceiling			
Gasket	Wall	□ Plaster		X Other (countertop)			
□ Tank Insulation	□ Transite Panel	□ Acoustic Tile (Droppe	d)	· · · · · · · · · · · · · · · · · · ·			
□ Pipe Wrap	□ Textured Wall	□ Acoustic Tile (Glued-o	,				
HVAC	□ Plaster	☐ Mastic	Miscellaneous	Transite			
□ Insulation	DWJC	Structural					
□ Tape		□ Steel F. P. ing	No. of Phases:				
□ Paper Wrap		Deck F. P. ing	Colour:				



ASBESTOS BULK SAMPLING FORM							
Sample #:	S035		Date Sampled:	October 3, 2012	2		
Building :	QE II Library		Sampler:	Trent Hardy			
Location:	Room L1017		Analysis:	SAI - PLM			
MUN Project #:	02-02-900		Work Order #:				
Bulk Sampling Parameters							
Pipe/Tank	Flooring		Ceiling	Roofing	Location		
\Box Insulation	X12'x12' Tile	ΠT	extured	□ Shingle	X Floor		
\Box 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	$\square P$	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	DWJC		Structural				
□ Tape		\Box S	teel F. P. ing	No. of Phases:			
□ Paper Wrap		DD	eck F. P. ing	Colour: Beige with blue and brown specks			



MEMORIA UNIVERSIT		ASBESTOS BULK	SAMPLING F	ORM			
Sample #:	S036	Date Sampled:	October 3, 2012				
Building :	QE II Library	Sampler:	Trent Hardy				
Location:	Room L1021	Analysis:	SAI - PLM				
MUN Project #:	02-02-900	Work Order #:					
Bulk Sampling Parameters							
Pipe/Tank	Flooring	Ceiling	Roofing	Location			
□ Insulation	X12'x12' Tile	□ Textured	□ Shingle	X Floor			
□ Elbow	□ 9'x9'Tile	□ Stucco	\Box Rolled	□ 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	d)				
□ Pipe Wrap	□ Textured Wall	□ Acoustic Tile (Glued-o	on)				
HVAC	□ Plaster	□ Mastic	Miscellaneous:				
□ Insulation	□ DWJC	Structural					
□ Tape		□ Steel F. P. ing	No. of Phases:				
Paper Wrap		Deck F. P. ing	Colour: White	with brown streaks			

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MEMORIA UNIVERSIT		ASBESTOS BULK SA	AMPLING F	ORM			
Sample #:	S037	Date Sampled:	October 4, 2012				
Building :	QE II Library	Sampler:	Trent Hardy				
Location:	Room L1010	Analysis:	SAI - PLM				
MUN Project #:	02-02-900	Work Order #:					
Bulk Sampling Parameters							
Pipe/Tank	Flooring	Ceiling	Roofing	Location			
□ Insulation	X12'x12' Tile	□ Textured	□ 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	□ 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: White	with black streaks			

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MEMORIA UNIVERSIT		ASBI	ESTOS BULK SA	MPLING F	ORM		
Sample #:	S038		Date Sampled:	October 4, 2012	2		
Building :	QE II Library		Sampler:	Trent Hardy			
Location:	Room L3022		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	\Box St	1000	\Box Rolled	□ Wall Orientation		
□ Fitting	□ Vinyl Sheet	🗆 Po	pcorn	□ Felt	X Ceiling		
□ Transite Pipe	□ Mastic	\Box D'	WJC	🗆 Tar	□ Above Ceiling		
□ Gasket	Wall	🗆 Pla	aster		□ Other		
□ Tank Insulation	□ Transite Panel	X Ac	oustic Tile (Dropped)				
□ Pipe Wrap	□ Textured Wall	\Box Ac	coustic Tile (Glued-on)				
HVAC	□ Plaster			Miscellaneous: <u>2' x 4' small fissure</u> and fleck			
□ Insulation	DWJC		Structural				
□ Tape		\Box St	eel F. P. ing	No. of Phases:			
□ Paper Wrap		$\Box D \epsilon$	eck F. P. ing	Colour:			



MEMORIA UNIVERSIT		ASB	ESTOS BULK SA	MPLING F	ORM	
Sample #:	S039		Date Sampled:	October 4, 2012		
Building :	QE II Library		Sampler:	Trent Hardy		
Location:	Room L3017		Analysis:	SAI - PLM		
MUN Project #:	02-02-900	Work Order #:				
Bulk Sampling Parameters						
Pipe/Tank	Flooring	Ceiling		Roofing	Location	
□ Insulation	X12'x12' Tile	□ Textured		□ Shingle	X 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	$\square P$	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	□ DWJC		Structural			
□ Tape		\Box S	teel F. P. ing	No. of Phases:		
□ Paper Wrap		DD	eck F. P. ing	Colour: <u>Grey with abundant white</u> and brown flecks		



MEMORIA UNIVERSIT		ASBESTOS BULK SA	MPLING F	ORM		
Sample #:	S040	Date Sampled:	October 4, 2012	2		
Building :	QE II Library	Sampler:	Trent Hardy			
Location:	079, hallway	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		□ Other		
□ Tank Insulation	□ Transite Panel	□ Acoustic Tile (Dropped)				
□ Pipe Wrap	□ Textured Wall	□ Acoustic Tile (Glued-on)				
HVAC	□ Plaster	□ Mastic	Miscellaneous: <u>ductwork</u>	Tar paper jacket on		
□ Insulation	DWJC	Structural				
□ Tape		□ Steel F. P. ing	No. of Phases:			
□ Paper Wrap		Deck F. P. ing	Colour:			

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UNIVERSITY						
Sample #:	S041		Date Sampled:	October 4, 2012		
Building :	QE II Library		Sampler:	Trent Hardy		
Location:	081, room L3018		Analysis:	SAI - PLM		
MUN Project #:	02-02-900		Work Order #:			
Bulk Sampling Parameters						
Pipe/Tank	Flooring	Flooring Ceiling		Roofing	Location	
□ Insulation	X12'x12' Tile			□ Shingle	X Floor	
□ Elbow	□ 9'x9'Tile	□ Stucco		□ Rolled	□ Wall Orientation	
□ Fitting	□ Vinyl Sheet	□ Popcorn		□ 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		DD	eck F. P. ing	Colour: <u>Grey w</u> white fleck	vith dark grey and	





UNIVERSIT	Y					
Sample #:	S042	Date Sampled:	October 4, 2012			
Building :	QE II Library	Sampler:	Trent Hardy			
Location:	081, room L3018	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:			





UNIVERSIT	Y					
Sample #:	S043	Date Sampled:	October 4, 2012			
Building :	QE II Library	Sampler:	Trent Hardy			
Location:	082, room 3023	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	\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	□ 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 #:	S044	Date Sampled:	October 4, 2012	
Building :	QE II Library	Sampler:	Trent Hardy	
Location:	107, room L4017	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		□ Other
□ Tank Insulation	□ Transite Panel	□ Acoustic Tile (Dropped)		
X 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:	





UNIVERSIT	Y			
Sample #:	S045	Date Sampled:	October 4, 2012	
Building :	QE II Library	Sampler:	Trent Hardy	
Location:	107, room L4017	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	\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	□ 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 #:	S046	Date Sampled:	November 2, 20)12		
Building :	QE II Library	Sampler:	Trent Hardy			
Location:	160, room L6006	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		
X Elbow	□ 9'x9'Tile	□ Stucco	\Box 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	□ Acoustic Tile (Dropped)				
□ Pipe Wrap	□ Textured Wall	□ Acoustic Tile (Glued-on)				
HVAC	□ Plaster	□ Mastic	Miscellaneous: Parging			
□ Insulation	DWJC	Structural				
□ Tape		□ Steel F. P. ing	No. of Phases:			
□ Paper Wrap		Deck F. P. ing	Colour:			



MEMORIA UNIVERSIT		ASB	ESTOS BULK SA	MPLING F	ORM	
Sample #:	S047		Date Sampled:	May 2, 2013		
Building :	QE II Library		Sampler:	Trent Hardy		
Location:	Room 1007		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	
\Box 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	
X 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:	Parging	
□ Insulation	DWJC		Structural			
□ Tape		$\Box S$	teel F. P. ing	No. of Phases:		
Paper Wrap		$\Box D$	eck F. P. ing	Colour:		



ASBESTOS BULK SAMPLING FORM							
Sample #:	S048		Date Sampled:	May 2, 2013			
Building :	QE II Library		Sampler:	Trent Hardy			
Location:	1013A		Analysis:	SAI - PLM			
MUN Project #:	02-02-900	02-900 Work Order #:					
Bulk Sampling Parameters							
Pipe/Tank	Flooring	Ceiling		Roofing	Location		
□ Insulation	□12'x12' Tile	ΠT	extured	□ Shingle	□ Floor		
\Box Elbow	□ 9'x9'Tile	\Box S	tucco	□ 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	ΧA	coustic Tile (Dropped)				
□ Pipe Wrap	□ Textured Wall	$\Box A$	coustic Tile (Glued-on)				
HVAC	□ Plaster	☐ Mastic Miscellaneous: <u>Acoustic Ceiling</u> <u>Tile 2x4 pinhole and fissure</u>			-		
□ Insulation	DWJC		Structural				
□ Tape		\Box S	teel F. P. ing	No. of Phases:			
□ Paper Wrap		\Box D	eck F. P. ing	Colour:			



MEMORIA UNIVERSIT		ASBESTOS	BULK SAI	MPLING F	ORM	
Sample #:	S049	Date Sam	pled:	May 2, 2013		
Building :	QE II Library	Sampler:		Trent Hardy		
Location:	2028A	Analysis:		SAI - PLM		
MUN Project #: 02-02-900 Work Order #:			ler #:			
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:	Grey Stone Pattern	
□ Insulation	DWJC	Struct	ural			
□ Tape		□ Steel F. P. ing	5	No. of Phases:		
□ Paper Wrap		Deck F. P. in	g	Colour:		

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